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Table of Contents

The University of the Incarnate Word	11
Mission of the University of the Incarnate Word.....	11
The Campus	12
Accreditation	13
Academic Programs and Services	14
Degrees and Major Programs	14
Affiliations.....	18
J.E. and L.E. Mabee Library	18
Academic Resources	19
Services	20
Facilities and Study Spaces.....	20
Computing Technology.....	21
Electronic Communication Policy	22
Technology Training	22
Cooperative Programs.....	23
The Brainpower Connection	26
Study Abroad and International Exchange Programs	26
II. Undergraduate Admissions	27
Admission of First-Time Freshmen	28
Admission of Transfer Students	28
Transfer of University Work.....	29
A. Credit from Regionally Accredited Institutions	30
B. Credit From Non-Accredited Schools	32
C. Block Credit in Religious Studies.....	32
D. Credits from International Schools	32
E. Credit for Military Experience.....	33
Advanced Placement and Advanced Credit.....	33
Admission to the Adult Degree Completion Program (ADCaP) and Virtual University.....	33
EArmyU, GoArmyEd, NCPDLP, and AU-ABC Program	34
Joint Admissions Agreement with Alamo College District (ACCD)	34
Admission of Veterans.....	34
Admission of Military Personnel	35
Admission of International Students	35
English as a Second Language.....	37
Admission of Exchange Students.....	37
Early Admission for High School Students.....	38

Admission for Home Schooled Students.....38

Senior Connection39

Admission of Non-Degree Seeking Students39

Admission of Transient Students.....39

Admission of Post-Baccalaureate/Post-Master’s Students39

Re-Admission to the University40

Admission of Graduate Students.....40

Appeal of an Admissions Denial.....40

Permission to Audit.....40

Immunization Requirements.....40

III. Financial Information42

Tuition and Financial Regulations42

 Tuition42

 Housing.....43

 Residence Halls and Dining Service43

 Tuition Discounts43

 Auditing Courses.....45

 Payments.....46

 Payment Policy.....46

 Account Statements and Disputes47

 Returned Items/Insufficient Funds.....47

 Student Health Insurance48

 Parking.....48

 Financial Aid Policies and Billing Practices49

 Withdrawals and Refunds.....50

 Funds Not Yet Received at the Time of Withdrawal52

 Financial Assistance.....52

 Types of Assistance Available.....53

 Satisfactory Academic Progress53

 Review Policy54

 Financial Aid Termination.....55

 Conditions for Reinstatement55

 Veteran’s Benefits.....56

 Certification Procedures.....56

 Standards of Progress for Receipt of Veteran’s Benefits56

IV. Student Life Programs.....58

 Student Identification Cards58

 Campus Ministry.....59

Counseling Services	59
Health Services	59
Student Housing	60
Food Service	61
Intercollegiate Athletics.....	61
Intramural Activities	62
Student Complaint Policy	62
Mediation Services	65
Student Conduct and Discipline	65
University Events and Student Programs.....	66
V. Student Success Programs.....	67
Academic Advising	67
Academic Placement Testing Requirements	68
First Year Engagement and Professional Development	68
Tutoring Services.....	69
Satisfactory Academic Progress	70
Student Disability Services	72
VI. Undergraduate Academic Regulations and Institutional Policies	73
Credit by Examination, Certification, or Correspondence Policies	74
Brigham Young University Challenge Exams.....	75
Challenge Examinations.....	76
College Level Examination Program (CLEP)	76
DANTES/DSST Examinations.....	77
International Baccalaureate Program (IB)	78
Prior Learning Assessment Credits	80
Professional Certification Credits	81
University Board Advanced Placement Program (AP)	81
Degree Requirements.....	83
Institutional Requirements for the Associate Degree	83
Institutional Requirements for the Baccalaureate Degree.....	83
Core Curriculum	84
1. Core Curriculum Course Listing	85
2. Community Service Requirement	87
First Year (FY) Target Core Courses	88
Application for the Degree	89
Major, Minor, Interdisciplinary Concentration, or Specialization	89
Second Major	90
Second Baccalaureate Degree	90

Enrollment and Attendance Policies91

 Academic Advising91

 Academic Load.....91

 Academic Placement Testing Requirements92

 Academic Overload92

 Attendance92

 Auditing.....93

 Correspondence Work.....94

 Independent Study Work.....94

 Inter-Institutional Work.....94

 Schedule Adjustment.....95

 Student Responsibility Statement97

 Study Abroad Enrollment.....98

 Study at Another Institution98

Grades and Academic History Policies99

 Academic Integrity Policy99

 Classification of Students102

 Dean’s List.....102

 Honor Societies102

 System of Grading.....102

 Honor Points.....104

 Repeat Policy104

 Satisfactory Academic Progress104

Graduation Policies.....106

 Bulletin for Graduation.....107

 Graduation Completion Policies107

 Graduation Honors109

 Participation in Commencement Ceremonies109

Student Educational Records and Student Privacy.....110

 Educational Records110

 Educational Records Fee110

 Educational Records on Campus.....110

 Educational Record Review110

 Educational Record Revision111

 Educational Record and Student Confidentiality111

 Transcripts112

VII. Undergraduate Programs.....113

 Academic Literacy113

Honors Program	113
Learning Communities	114
College of Humanities, Arts, and Social Sciences	116
Programs Offered	116
Anthropology	116
Art and Art History	116
Asian Studies Concentration	118
Criminal Justice	119
Cultural Studies	120
Dance	125
English	125
Government and International Affairs	128
History	136
Liberal Arts	138
Modern Languages	139
Music (MUAP, MUSI, MUST, MUTH)	139
Bachelor of Music in Music Education	140
Bachelor of Music in Music Therapy	142
Bachelor of Arts in Music	143
Bachelor of Arts with a major in Music Industry Studies	146
Pastoral Ministry	150
Philosophy	153
Psychology	154
Religious Studies	156
Sociology	159
Spanish	161
Theatre Arts	162
Women's and Gender Studies	164
Dreeben School of Education	166
Education	166
Programs of Study	166
Interdisciplinary Studies	167
Secondary Education	169
All Level Teaching	170
Admission to Teacher Certification Program	170
Admission to the Teacher Apprenticeship Program	172
Application and Approval for State Certification	174
Feik School of Pharmacy	175
Pharmacy Programs Offered	175
Pre-Pharmacy Program	175
H-E-B School of Business and Administration	177

BACHELOR OF BUSINESS ADMINISTRATION.....177

BBA Degree Requirements:178

Accounting179

Finance181

Economics Concentrations182

 Business Economics182

 Financial Economics183

 International Economics.....183

 Political Economy.....184

General Business185

Management Information Systems.....185

International Business186

Management.....187

Marketing188

Sport Management189

Associate of Arts in Business189

Ila Faye Miller School of Nursing and Health Professions191

 Department of Human Performance191

 Athletic Training Education191

 Kinesiology.....205

 Sport Management209

 Nuclear Medicine Science209

 Nursing214

 Physical Therapy225

 Rehabilitative Sciences226

Rosenberg School of Optometry229

 Vision Science (VISC)229

School of Media and Design.....233

 Media and Design Programs Offered233

 3D Animation and Game Design.....233

 Communication Arts.....235

 Computer Graphic Arts240

 Computer Information Systems.....241

 Graphic Design243

 Juren Sullivan Center for Fashion Management.....245

 Interior Design.....249

 Speech Communication250

School of Mathematics, Science and Engineering251

 Mathematics, Science and Engineering Programs Offered251

 Biology251

Chemistry.....	254
Applied Chemistry.....	257
Engineering.....	258
Environmental Science	260
Geology.....	261
Mathematics.....	262
Meteorology	263
Broadcast Meteorology	265
Nutrition.....	267
Physics.....	269
VIII. Extended Academic Programs.....	270
Associate Programs Offered	273
Adult Instruction and Training	273
Business Administration.....	273
Health Sciences	274
General Studies	278
Information Technology.....	279
Baccalaureate Programs Offered	279
Administration	279
Applied Arts and Sciences	280
Business Administration.....	280
Criminal Justice.....	287
Health Sciences	288
Human Resources	294
Organizational Development.....	296
Psychology.....	297
X. Description of Courses	299
Course Numbers	299
3D Animation and Game Design (ANGD).....	299
Anthropology (ANTH).....	304
Art History (ARTH)	304
Art (ARTS)	306
Athletic Training Education (ATHP)	312
Biology (BIOL).....	317
Business: Accounting (ACCT).....	323
Business: Finance (BFIN)	325
Business: Business Law (BLAW).....	327
Business: Economics (ECON)	327
Business: International Business (BINT).....	328
Business: Management.....	330
Business: Management Information Systems (MIS)	333

Business: Marketing.....	335
Chemistry (CHEM).....	337
Communication Arts (COMM).....	341
Computer Information Systems (CIS).....	348
Computer Graphic Arts.....	352
Computer Literacy (COMP).....	355
Criminal Justice (CRJU).....	355
Cultural Studies (CLST).....	358
Dance (DANC).....	359
Dimensions of Wellness (DWHP).....	361
Education (EDUC).....	362
Engineering (ENGR).....	368
English (ENGL).....	370
Environmental Science (ENSC).....	376
Fashion Design (FADS).....	377
Fashion Management.....	379
Fashion Merchandising (FMER).....	381
Geography (GEOG).....	381
Geology (GEOL).....	382
Government (GOVT).....	383
Graphic Design (GDSN).....	390
History (HIST).....	395
Honors (HONP).....	399
Interior Design (INTD).....	403
Justice and Peace (JUSP).....	406
Kinesiology (PEHP).....	407
Mathematics (MATH).....	409
Meteorology (METR).....	414
Modern Languages.....	418
Music, Applied Private (MUAP).....	419
Applied Music, Private Instruction (MUAP).....	419
Music And Ensemble (MUSI).....	420
Music Industry Studies (MUST).....	427
Music Therapy (MUTH).....	428
Nuclear Medicine (NMED).....	430
Nursing (NURS).....	433
Nutrition (NUTR).....	437
Pastoral Ministry (PMIN).....	440
Philosophy (PHIL).....	447
Physics (PHYS).....	451
Pre-Pharmacy.....	452
Psychology (PSYC).....	452

Religious Studies (RELS).....	458
Research (RSCH)	462
Sociology (SOCL)	463
Spanish (SPAN).....	466
Speech (SPCH)	470
Sport Management (SMHP).....	471
Theatre Arts (THAR)	471
Vision Science (VISC).....	476
X. Extended Academic Programs Description of Courses	481
Course Numbers	481
Accounting (ACCT)	481
Business: Finance (BFIN)	482
Business: Information Systems (BINF)	482
Business: International Business (BINT).....	483
Business: Management (BMGT).....	483
Business: Marketing (BMKT)	485
Criminal Justice (CRIJ)	486
Education (EDUC)	490
Health Sciences (HSCI)	491
Human Resources (HRES).....	497
Nutrition (NUTR)	498
Organizational Development (ORGD).....	500
Psychology (PSYC)	501
XI. University Directory	505
Board of Trustees	504
Board of Trustees Emeriti	507
Development Board	508
University Administration	509
Provost.....	509
Enrollment Management and Student Services	510
Finance	511
Information Resources.....	511
Institutional Advancement.....	511
International Programs	512
Faculty Professor Emeritus.....	512
Faculty	515
Preparatory Programs	545
Index	546

The Campus12
 San Antonio12
 Accreditation13
 Academic Programs and Services14
 Degrees and Major Programs.....14
 Affiliations.....18
 J.E. and L.E. Mabee Library18
 Computing Technology21
 Technology Training22
 Cooperative Programs.....23
 The Brainpower Connection26
 Study Abroad and International Exchange Programs26

The University of the Incarnate Word

The University is one of the many outgrowths of the original mission that brought the Sisters of Charity of the Incarnate Word to San Antonio in 1869. The Sisters’ work began with the care of victims of a cholera epidemic and the establishment of the first hospital in the city, an institution recognized today as the Santa Rosa Health Care Corporation. Their ministry soon spread to the care of homeless children and to teaching. In 1881, they secured a charter from the State of Texas, which empowered them to establish schools on all levels.

In 1900, the Academy of the Incarnate Word, which had been established first in an area of San Antonio called Government Hill, was moved to the recently constructed Motherhouse of the Sisters of Charity of the Incarnate Word in Alamo Heights. College classes were added to the curriculum in 1909, and the name of the institution was changed to the College and Academy of the Incarnate Word. Both the college and the high school were affiliated with the Texas State Department of Education in 1918. The college was fully accredited by the Association of Colleges and Secondary Schools in 1925. The graduate division was added in 1950, and the school became co-educational in 1970. In 1996, it was recognized as a University. In 1998, the University was accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Doctoral degrees, in addition to Bachelor’s and Master’s degrees.

Mission of the University of the Incarnate Word

The first Sisters of Charity of the Incarnate Word, three young French women motivated by the love of God and their recognition of God’s presence in each person, came to San Antonio to minister to the sick and the poor were motivated by the love of God and their recognition of God’s presence in each person. Their spirit of Christian service is perpetuated in the University of the Incarnate Word primarily through teaching and scholarship, encompassing research and artistic expression. Inspired by

Judeo-Christian values, the University aims to educate men and women who will become concerned and enlightened citizens.

The University is committed to educational excellence in a context of faith in Jesus Christ, the Incarnate Word of God. It promotes life-long learning and fosters the development of the whole person. The faculty and students support one another in the search for and the communication of truth. The University is open to thoughtful innovation that serves ever more effectively the spiritual and material needs of people. The curriculum offers students an integrated program of liberal arts and professional studies that includes a global perspective and an emphasis on social justice and community service.

The University of the Incarnate Word is a Catholic institution that welcomes to its community persons of diverse backgrounds, in the belief that their respectful interaction advances the discovery of truth, mutual understanding, self- realization, and the common good.

The Campus

The University is located on what was formerly the estate of noted San Antonio philanthropist, businessman, and civil servant, Col. George W. Brackenridge. His home, listed on the National Registry of Historic Places, still stands on the campus. The headwaters of the San Antonio River are also located on the campus, and at one time, the natural beauty as well as the clear spring water made it a favored campsite for Native American tribes. Archeological studies have produced Paleo-Indian projectile points that date back well over 11,000 years.

The 110-acre campus combines the natural beauty of the historic grounds with state-of-the-art facilities and technology. Each building features presentation and wireless technology in the classroom in addition to the technologies specific to the courses taught in that specific building. Residence halls and gathering places, both internal and external, feature wireless technology as well. Additionally, the Burton E. Grossman International Conference Center provides expansive state-of-the-art facilities meeting and conference, as well as housing for visiting foreign dignitaries and students.

Abundant athletic facilities, practice fields and many walking paths provide ample locations to improve upon the student's physical dimension as well as the spiritual and mental dimensions. The park-like atmosphere encourages private reflection as well as intellectual stimulation.

San Antonio

The city offers a rich mixture of cultural heritages derived from its historical settlement by persons from Germany, France, Ireland, Mexico, and the Canary Islands. Together with Dallas and Houston, it is one of the three largest metropolitan areas in Texas, is the second largest city in Texas, and ranks as the seventh largest city in the nation. The River

Walk, or Paseo Del Rio, with its waterside restaurants, hotels, shopping areas, and cultural attractions, has helped to develop the city into a prime location for conventions and tourism.

The city has a flourishing art community with active theatre groups, dance companies, and music and art associations. Museums include the San Antonio Museum of Art, the McNay Art Museum, the Witte Museum, the Institute of Texan Cultures, the Hertzberg Circus Museum, and the San Antonio Botanical Gardens.

San Antonio is rich in educational offerings with four private universities, a Catholic theological graduate school, a state university, a state-sponsored medical school, and a public community college system. It is also a center for scientific and medical research based at the University of Texas Health Science Center, the Southwest Research Institute, the Southwest Foundation for Biomedical Research, and the Cancer Therapy Research Center. The campus of the University of the Incarnate Word is located in the north-central area of the city adjacent to Brackenridge Park and to the suburb of Alamo Heights, which offers a quiet, well established residential area as well as shopping, restaurant, cultural, and recreational facilities.

Accreditation

The University of the Incarnate Word is accredited by the Commission on Colleges, Southern Association of Colleges and Schools to award associate, baccalaureate, masters, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia, 30033-4097, telephone 404-679-4500, web site: www.sacscoc.org.

The University holds national and specialized accreditations in the following disciplines:

College of Humanities, Arts, and Social Sciences:

- American Association for Music Therapy (BM in Music Therapy)
- National Association of Schools of Theater (BA in Theatre Arts)

Division of Extended Academic Programs:

Accreditation Council of Collegiate Business Schools and Programs for the following business programs:

- Bachelor of Science (BS) degree with concentrations in Accounting, Finance, General Business, Information Systems, Management, and Marketing

Dreeben School of Education:

Texas State Board for Education Certification (all teacher certification programs)

Feik School of Pharmacy

Accreditation Council for Pharmacy Education (Doctor of Pharmacy)

H-E-B School of Business and Administration:

Accreditation Council for Business Schools and Programs for the following business programs:

- Bachelor of Business Administration (BBA) degree with concentrations in Accounting, Banking and Finance, General Business, Information Systems, International Business, Management, Marketing, Merchandising Management and Sport Management.
- Master of Business Administration (MBA)

Rosenberg School of Optometry:

"Accredited" status by the Accreditation Council on Optometric Education of the American Optometric Association

School of Media and Design

Council for Interior Design Accreditation (B.A. in Interior Environmental Design)

School of Mathematics, Science, and Engineering:

Academy of Nutrition and Dietetics (BS and MS in Nutrition, and Dietetic Internship)

School of Nursing and Health Professions:

Texas Board of Nursing (BSN)

Commission for Collegiate Nursing Education (BSN and MSN)

Joint Review Committee on Educational Programs in Nuclear Medicine Technology (BS Nuclear Medicine Science)

Commission of Accreditation of Athletic Training Education Programs (BS Athletic Training)

School of Physical Therapy:

"Candidate for Accreditation" status by the Commission on Accreditation in Physical Therapy Education.

Academic Programs and Services

The academic curriculum brings educational practice into harmony with the specific aims and objectives of University of the Incarnate Word. The program stresses the intellectual disciplines of liberal studies and to meet the needs of students with varying abilities and vocational objectives.

Degrees and Major Programs

The following degrees are conferred upon students who complete the general and specific requirements for graduation in one or more of the undergraduate programs listed below:

ACADEMIC PROGRAMS AND SERVICES

Associate of Arts (A.A)

- Adult Instruction and Training
- Applied Chemistry
- Business Administration
- Business Information Systems
- Fashion Management
- General Studies
- Health Sciences
- Information Technology
- Liberal Arts
- Nutrition Sciences

Associate of Science (AS)

- Cardiac Rhythm Analysis Professional
- Medical Administrative Assistant
- Medical Insurance and Coding Specialist
- Registered Health Information Technician
- Registered Medical Transcriptionist

Bachelor of Arts (B.A.)

- Administration
- Art
- Chemistry
- Communication Arts
- Criminal Justice
- Cultural Studies
- Child Studies
- English
- Fashion Management
- Government
- History
- Human Resources
- International Affairs
- Interior Design
- Interdisciplinary Studies (Elementary Teacher)
- Mathematics
- Music
- Music Industry Studies
- Organizational Development
- Philosophy
- Psychology
- Religious Studies
- Sociology
- Spanish
- Theatre Arts

Bachelor of Applied Arts and Sciences (B.A.A.S.)

Bachelor of Business Administration (B.B.A.)

Business Administration with concentrations in:

- Accounting
- Banking and Finance
- Economics
- Economics and Finance
- General Business
- Hispanic Marketing
- Information Systems
- International Business
- International Economics
- Management
- Marketing
- Political Economy
- Sport Management

Bachelor of Fine Arts (B.F.A.)

- 3D Animation and Game Design
- Art
- Computer Graphic Arts

Bachelor of Music (B.M.)

- Music Therapy
- Music Education

Bachelor of Science (B.S.)

- Athletic Training
- Biochemistry
- Biology
- Broadcast Meteorology
- Business Administration with concentrations in:
 - Accounting
 - Finance
 - Economics
 - General Business
 - Information Systems
 - Management
 - Marketing
- Cardiac Rhythm Analysis Professional
- Chemistry
- Computer Information Systems
- Criminal Justice
- Engineering Management
- Environmental Science
- Kinesiology
- Mathematics
- Medical Administrative Assistant

ACADEMIC PROGRAMS AND SERVICES

Medical Insurance and Coding Specialist
Meteorology
Nuclear Medicine Science
Nutrition
Psychology
Registered Health Information Technician
Registered Medical Transcriptionist
Rehabilitative Sciences
Vision Science

Bachelor of Science in Athletic Training

Bachelor of Science in Nursing (B.S.N.)

Affiliations

The University holds membership in the following organizations:

- American Association of Colleges of Pharmacy
- American Council on Education
- American Association of Colleges of Nursing
- American Association of Collegiate Registrars and Admissions Officers
- American Association of Universities for Teacher Education
- American Music Therapy Association
- American Political Science Association
- Association of American Colleges and Universities
- Association of Catholic Colleges and Universities
- Association of Texas Graduate Schools
- Association for Theatre in Higher Education
- Council of Colleges of Arts and Sciences
- Council for Higher Education Accreditation
- Hispanic Association of Colleges and Universities
- Higher Education Council of San Antonio
- Independent Colleges and Universities of Texas
- International Association of Universities
- Latin American Council of Schools of Business Administration
- National Association of Independent Colleges and Universities
- National Association of Schools of Theatre
- Society for Human Resource Management
- Southern Association of Colleges and Schools
- Texas Association of Music Schools
- Texas Educational Theatre Association
- Texas Higher Education Coordinating Board
- Texas Independent University Fund
- Texas Music Educators Association
- United Colleges of San Antonio
- United Nations Educational, Scientific, and Cultural Organization

J.E. and L.E. Mabee Library

The Mabee Library is proud to offer a full complement of library resources purchased from top academic/research vendors, cutting edge library services and study-friendly facilities in a wireless, student-centered environment. With the rapidly changing role of libraries, the UIW Mabee

AFFILIATIONS

Library continues to support the growth of an electronic presence for easier access to the library by students and faculty. Many traditional print resources have been transitioned to the online environment so that students on campus as well as those enrolled in off-campus programs can have access to a large number of electronic resources and several online services 24/7.

Professional assistance with research and the use of library resources is available every day the library is open. Our new library model supports a professional librarian who is responsible for each academic area. These librarians are extremely knowledgeable of the information resources in their subject areas and will make themselves available to meet with you on campus, by phone or virtually through email (see a listing of subject specialists and their contact information on the library's webpage – <http://library.uiwtx.edu>).

Academic Resources

Our strong, well-balanced collection consists of over 350,000 printed, electronic full-text and media resources. This does not include additional citation information for resources identified in our 100+ databases. Borrowing agreements with other libraries in Texas and throughout the world will allow UIW students access to items that are not housed at UIW.

The two major services that support reciprocal borrowing are TexShare and Interlibrary Loan (ILL).

TexShare cards are issued to UIW students at the Reference Desk in the Mabee Library. These cards are honored at participating Texas libraries. Each library establishes the number of books you can borrow and the loan periods.

ILL is usually without charge to the user. Most materials identified through any of our databases can be obtained through this service if UIW does not own the item. Activate your ILL account by clicking on this link - <http://uiwtx.illiad.oclc.org/illiad/logon.html> and signing into the system using your UIW username and password.

If you have any questions about ILL or TexShare, please don't hesitate to contact the library's Reference Desk at 829-3835.

RefWorks – Manage your bibliographic citations, .pdfs and images using RefWorks, the University's choice for bibliographic citation management. To learn more about this resource, contact the library's Reference Desk at 829-3835.

Media Resources - This valuable and growing collection of educational and entertainment media is housed in Reference Room 145. It includes all formats such as DVDs, Compact Discs, CD-ROMs, video and audio cassettes, LPs and slides for UIW student, faculty and staff to check out. Materials may also be used on equipment provided in the building.

Journals - The physical volumes and current issues of periodicals (journals and magazines) are located on the second floor of the library.

A F F I L I A T I O N S

Many of the physical items have been replaced by online versions. Check the "Journals List" link on the library's webpage for the titles you are looking for. <http://library.uiwtx.edu> .

Services

Many public services are provided at the Circulation Desk. This Desk is located at the entrance to the library. Its basic function is to check out and return circulating and reserve books, group study room keys, laptops, encode IDs for copiers and speak to someone about concerns regarding overdue and lost materials.

The Reference Desk is also located on the first floor. It is staffed to provide assistance with research and information about library resources and services. Quick one-on-one library instruction can also be provided at this service point.

Information Literacy Classes – The UIW mission statement emphasizes the life-long nature of learning, and one of the library's major goals is developing information literate students. Information literacy is defined as "the ability to locate, evaluate, and use information to become independent life-long learners." The library partners with UIW faculty and staff to ensure students are actively engaged in becoming information literate. Librarians also work with students on a one-to-one basis to help them better use and understand the information resources required for success in the university environment. Interested persons should contact the library's Reference Desk to learn more about this service.

Faculty Reserved materials are housed at the Circulation Desk for students to use, view and copy. Use the library's online catalog to determine if your professor has placed items on reserve for your class.

Facilities and Study Spaces

Welcoming, comfortable seating for individual and group study are available in the library. Designated "Quiet Study Areas" are maintained on both the first and second floors. Group Study Rooms – The library has 11 group study rooms which can seat anywhere from 4-12 students. All rooms have whiteboards, four of them have large screen monitors for student use. These rooms are checked out to groups only. Individual study is not allowed. Visit the library's Circulation Desk to find out more about these rooms or to check out a key.

Graduate and Doctoral Student Study spaces are available in the Library. These rooms are outfitted with computers and a printer for student writing and research. Ask at the Circulation Desk for more information about access and room use.

Computer Lab – Room 110 near the Reference Desk maintains 36 computers with internet access and Microsoft Office. These computers are purposed for research. There are additional computers located throughout the library and several netbooks available to be checked out for in-house use from the Circulation Desk. A computer lab for special

AFFILIATIONS

application software is located in the library basement and administered by the Office of Instructional Technology.

Photocopiers –Photocopiers and scanners can be found in room #110 near the computers and in room #205 on the second floor. Add value to your ID and use it as a debit card for photocopies.

Information Literacy Classroom – Room 230 is the library's hands-on instructional classroom. It is primarily used for teaching information literacy skills to students. Persons interested in learning more about how information literacy can help with student success should contact our information literacy librarian at 829-3841.

Current and holiday and extended hours are posted at the library entrance, on various campus and electronic bulletin boards, and on the library's homepage: <http://www.uiwtx.edu>. Library guides, policies, general information and other publications are posted on the library homepage as well.

Useful numbers:

Mabee Library menu of services and hours - (210) 829-6010

Circulation Desk – (210) 829-3836

Reference Desk – (210) 829-3835

Computing Technology

The University of the Incarnate Word (UIW) integrates computer technology into the learning experience of all university students. This means we expect all undergraduates (and many graduate students) to come to UIW equipped with an appropriate laptop or tablet computer. Laptop and tablet computers are used campus wide to complete homework, access information, and work on group projects. Wireless network connectivity is available throughout campus, including all classrooms, dorm rooms, the library and outdoor spaces where students congregate.

Students can order a laptop through UIW to satisfy this technology requirement through our university web site (http://support.uiwtx.edu/Computer/laptop_program.html). Our current vendor of choice, Dell, offers deeply-discounted laptop and tablet computers that meet university computing specifications and are guaranteed to interface with our secured wired and wireless networks.

Students can purchase their own laptops from a retail vendor or bring their already-owned private laptops to the university to satisfy the mandatory requirement if those computers meet minimum specifications. (http://support.uiwtx.edu/Computer/HDFAQ.html#laptop_question_7) However, there are real advantages to participating in the university's laptop program

AFFILIATIONS

- We use the latest technology – our netbooks and tablets incorporate high-speed processing and high-capacity data storage in a portable unit that will meet your needs.
- We load the computer with the latest software that will support your studies (Microsoft Office Suite)

If a student chooses to order a laptop through UIW, a Letter of Intent must be signed before the laptop is ordered. Both the University Help Desk (210-829-2721) and the university web site have instructions for completing the Letter of Intent. The student's account in the Business Office is then charged for a laptop, and Financial Aid will be applied as applicable for each student. This option allows parents and students to offset the price of the laptop with Financial Aid resources.

General technology support services are available through the UIW Technology help Desk, located at the north end of the Administration Building on the Ground Floor. Technicians at the Help Desk assist students in connecting to the university's secure network and troubleshoot other issues on student computers. The Help Desk is an authorized Dell Service Center for students who purchase laptop or netbook computers through UIW's technology purchase program. Help Desk services are available 24x7 by calling 210-829-2721 or our toll free number 1-866-614-5043. A walk-up service window is also available from 7:00 am until 7:00 pm, Monday through Thursday; 7:00 am until 5:00 pm on Fridays; and 8:00 am until 12:00 pm on Saturday in the Media Center of the Mabee Library.

Electronic Communication Policy

The University of the Incarnate Word supplies each student and employee with an email account and address. These accounts and their associated email addresses are an official means of communication for the university and will be used to conduct university business and convey university-related information to students, staff, and faculty. All students attending the university and all employees of the university are expected to monitor and manage their email accounts on a regular basis.

Technology Training

The department of Instructional Technology is part of Technology Services and is responsible for technology integration and training support at UIW. Technology training, classroom technology support, and student access to technology are primary functions of this office. Student engagement with technology is supported by the staff through training, assistance provided to faculty, staff and student on technology-based projects, access to online technology courses, research and development of new ways to deliver instruction, and daily support of classroom technology.

The Media Center, located in the basement of the Mabee Library, provides equipment to classrooms as well as audio, graphic, video,

AFFILIATIONS

printing, and photographic services. The Media Center is home to more than 50 computers, several scanners, printers, and a small lab with 9 Macs. All of the computers have Internet access and support Microsoft Office products, including Outlook, Word, Excel, PowerPoint, and Access. In addition, course-specific applications such as SPSS, Visual Basic, C++, Adobe Illustrator, and AutoCad software are made available to support student work. Students may also request production services from the multimedia specialist of the Media Center. To check out equipment, however, an instructor must make a request on the student's behalf.

General technology support services are available through the UIW Technology help Desk, located at the north end of the Administration Building on the Ground Floor. Technicians at the Help Desk assist students in connecting to the university's secure network and troubleshoot other issues on student computers. The Help Desk is an authorized Dell Service Center for students who purchase laptop or netbook computers through UIW's technology purchase program. Help Desk services are available 24x7 by calling 210-829-2721 or our toll free number 1-866-614-5043. A walk-up service window is also available from 7:00 am until 7:00 pm, Monday through Thursday; 7:00 am until 5:00 pm on Fridays; and 8:00 am until 12:00 pm on Saturday in the Media Center of the Mabee Library.

Cooperative Programs

United College of San Antonio

The University of the Incarnate Word, the Oblate School of Theology, Our Lady of the Lake University, and St. Mary's University enjoy a program of inter-institutional cooperation through a consortium for the exchange of course offerings and of faculty members. There is a common commitment to the objective of placing at the service of every student the resources of all four institutions. Courses taken at one University, as long as they are approved as part of a student's degree plan, are transferable to any other University in the consortium, and a student's credits in these courses are accepted as if they were taken at his/her own University. For more information on regulations concerning inter-institutional enrollment, contact the Registrar's Office.
Air Force R.O.T.C.

By arrangement with the University of Texas at San Antonio, a student may obtain a commission as an officer in the U.S. Air Force upon completion of a baccalaureate degree at the University of The Incarnate Word and completion of the Air Force Reserve Officers Training Corps (ROTC) program at UTSA. Scholarships are available on a competitive basis which provides tuition and fee assistance, a book allotment, and a monthly subsistence allowance.

The following ROTC courses are offered through UTSA:

Foundations of U.S. Air Force I/II: 1 credit hour freshman level course which introduces students to the U.S. Air Force

AFFILIATIONS

Evolution of U.S. Air and Space Power I/II: 1 credit hour sophomore level course examines the history of air and space power.

Leadership Studies I/II: 3 credit hour junior level course focusing on leadership and management principals.

National Security and Active Duty Prep I/II: 3 credit hour senior level course which provides students with the foundation to understand their role as military officers in American society.

In addition, students will have to attend a weekly leadership laboratory and physical training. For more information, please contact Air Force ROTC at UTSA, 458-4624, or UTSA at 458-8000.

Army R.O.T.C.

By arrangement with the Alamo Community Colleges, University of the Incarnate Word and Our Lady of the Lake University, the following program description also pertain to enrollees from those institutions in the St. Mary's University Department of Military Science. In addition, a Leadership Laboratory is held every Wednesday afternoon for two hours, to further the development of leadership skills through a varied program consisting of field trips, practical exercises, and visits to military installations. This laboratory is required each semester for all Military Science students.

Four-Year Program

The Basic Course, usually pursued concurrently with the freshman and sophomore years, is voluntary for students who are physically qualified for military training. There is no obligation incurred by non-scholarship cadets. Veterans who have served on active duty for a period of over one year and who have received an honorable discharged, or High School students that have completed 3 or 4 years of JROTC may be granted credit for the basic course with concurrence of the Professor of Military Science.

The Advanced Course is for students who are physically qualified and have met the standards prescribed by the Professor of Military Science in scholastic achievement and demonstrated leadership ability. Cadets are normally enrolled in the Advanced Course during their Junior and Senior Year or Graduate students pursuing a Master Degree. They are required to attend a four-week ROTC Leadership Development Assessment Course (LDAC) the summer following their junior year. Upon satisfactory completion of LDAC and the academic work required for a degree, students are commissioned as Second Lieutenants in the United States Regular Army, the Army Reserves, or the Army National Guard.

AFFILIATIONS

Two-Year Program - Advance Course

In addition to the standard four-year course outlined above, the Army ROTC offers a two-year program for those who did not have or take the opportunity to complete the normal Basic Course. In order to enroll in the Advanced Course, a student must successfully complete four weeks of leadership training, provided at the Leadership Training Course (LTC) during the summer months prior to beginning their junior year or their first year in graduate school. If students desire to take advantage of this opportunity, they should communicate directly with the Professor of Military Science not later than March 1 of the year proceeding the Fall semester of the school year. Those students seeking a Master Degree are eligible to participate in our two-year program. This program also provides competitive scholarship opportunities.

Scholarship and Remuneration

The Department of the Army offers 4, 3, and 2-year competitive scholarship assistance to qualifying ROTC students. This assistance consists of payment up to \$25,000 a year to cover tuition and fees, and a \$1200.00 a year book allotment, plus a grant to the ROTC cadet of \$300.00 to \$500.00 a month during the period of enrollment (not to exceed 40 months). The student need not be enrolled in the ROTC program prior to competing for a scholarship. Students interested in competing for scholarship assistance under this program should contact the Army ROTC Enrollment Officer.

ARMY Nurse Corps

As a ROTC nursing student, you'll be able to combine college electives in military science, and an invaluable summer clinical experience, with your regular nursing program. You will develop your professional and leadership skills while learning about yourself and what you can accomplish.

Uniform and Equipment

All uniforms, textbooks and other equipment will be issued to students enrolled in Army ROTC courses. Students are responsible for the maintenance and up keep of all items issued to them.

Information

The Professor of Military Science and the Army ROTC offices are located at University of Incarnate Word in the Nursing Building, Room 146. For more information on scholarship opportunities, contact Augustine Chez Varela, Enrollment Officer of the Military Science Department, at rotc@uiwtx.edu, or call 832-3210; (mobile) 210-379-1997, or visit the office Mon.–Wed., 8:00am– 2:00pm

The Brainpower Connection

A unique coalition of learning institutions, spanning pre-kindergarten through University, is characterized by a shared vision, as well as shared faculty and facilities. Faculty from kindergarten through University encourage one another's professional growth through academic alliances, discipline dialogues, and frequent appearances in one another's classes.

Two of the schools, Incarnate Word High School and St. Anthony Catholic High School, are provided managerial and consultant services by the University of the Incarnate Word. St. Peter Prince of Apostles Elementary School, St. Anthony Elementary School, and the Katherine Ryan Pre-School Program maintain voluntary association with University of the Incarnate Word.

For academic purposes, Incarnate Word High School and St. Anthony Catholic High School are an integral part of the University of the Incarnate Word and constitute the division of University Preparatory Programs.

Study Abroad and International Exchange Programs

Through the Office of Study Abroad, located at the Dr. Burton E. Grossman International Conference Center, the University offers a wealth of opportunities to learn in other countries. Short-term programs, as well as semester or year-long Study Abroad Programs can be arranged with one of more than 90 sister schools with which UIW maintains collaborative educational agreements. Students may also choose to study at other universities or organizations involved in Study Abroad Programs. Detailed information and assistance can be obtained from the Office of Study Abroad.

II. Undergraduate Admissions

Admission of First-Time Freshmen.....	28
Admission of Transfer Students	28
Transfer of University Work	29
Advanced Placement and Advanced Credit	33
Admission to Adult Degree Completion Program and Virtual University..	33
EArmyU, GoArmyEd, NCPDLP, and AU-ABC Program	34
Joint Admissions Agreement with Alamo Colleges District (ACCD).....	34
Admission of Veterans.....	34
Admission of Military Personnel	35
Admission of International Students	35
English as a Second Language	37
Early Admission for High School Students	38
Admission for Home Schooled Students	38
Senior Connection	39
Admission of Non-Degree Seeking Students	39
Admission of Post-Baccalaureate/Post-Master's Students	39
Re-Admission to the University.....	40
Admission of Graduate Students	40
Appeal of an Admissions Denial	40
Permission to Audit.....	40
Immunization Requirements	40

The University of the Incarnate Word actively recruits students who will enrich and be enriched by a private Catholic liberal arts atmosphere. Applicants should demonstrate personal characteristics and qualities that suggest they will be responsible and contributing members of the University community with standards of excellence in the academic, social, physical, and spiritual aspects of life which adheres to a mission statement of Christian service and social justice.

Applications for freshmen admission are accepted on a rolling basis until July 15th for the fall term and continuously throughout the year for the spring and summer semesters. However, it is recommended that the application process be completed in a timely fashion, allowing sufficient time to process financial aid awards. Acceptance to the university does not guarantee admission to the major. This may be a separate process that begins as early as the first semester of the sophomore year. Upon admission to the University, transfer students with enough transferable credit may seek admission to a particular major. Certain majors, such as nursing, may require specified pre-requisite courses to be completed before admission to the major. Consult individual program listings for such requirements.

All acceptances to the University are provisional pending the receipt of official transcript credentials, i.e., the final high school transcript with

graduation date. Continued enrollment in subsequent terms is dependent on receipt of official documents.

The University subscribes to affirmative action to ensure admission without regard to race, color, religion, gender, age, national origin, or disability. Those with non-traditional learning experiences or disadvantaged backgrounds are encouraged to apply.

Admission of First-Time Freshmen

Freshmen applicants to the University are evaluated using a number of criteria - GPA, high school course difficulty, class rank, SAT and/or ACT test scores, extracurricular activities (including work experience), and optional letters of recommendation. An interview with an admissions counselor and a visit to the campus are strongly encouraged, but not required. Except in unusual circumstances, applicants to the University must be graduates of an accredited high school or possess an appropriate equivalency. Coursework completed in high school should include a minimum of 16 Carnegie units of the following:

- 4 units of English
- 3 units of Social Science
- 3 units of Mathematics
- 3 units of Natural Science
- 2 units of Foreign Language
- 1 unit of Fine Arts

Individuals who did not finish high school may qualify for admission to the University on the basis of satisfactory scores on the Test of General Education Development (GED) and high school courses via an official transcript. Freshmen applicants out of high school for more than two years and GED recipients are not required to submit SAT or ACT scores.

Under some circumstances, applicants may be asked to arrange for a personal interview to provide further information upon which an admissions decision will be based, or submit letters of recommendation and/or a personal statement. The online application can be found at www.uiw.edu.

Admission of Transfer Students

The University welcomes the application of students with academic credit earned at other accredited colleges and universities. Students are required to report all college-level credit attempted and/or completed, and are required to submit official transcripts of such work. The primary factor for consideration of admission of a transfer student is the student's cumulative GPA. Other factors considered for admission include letters of recommendation, a personal interview, extracurricular activities, and work experience. Applicants are advised to have at least a cumulative GPA of 2.5 or better for unconditional admission.

Applicants with fewer than 24 transferable hours of college credit must submit an official high school transcript with the scores of any SAT or ACT exam(s) previously taken. Transfer applicants out of high school for more than two years, or are GED recipients, are not required to submit SAT or ACT exam scores.

Applicants with credit earned at non-accredited institutions, such as trade, technical, and career schools, are advised that such credit is generally not transferable to the University. However, an official transcript of coursework is required for admission consideration. Transfer candidates can find the online application at www.uiw.edu.

Transfer of University Work

All courses completed with a grade of D- or higher that are normally considered part of an associate or bachelor degree program will transfer to the University of the Incarnate Word. The cumulative grade point average at UIW is based upon all hours attempted, regardless of the grade earned, and includes both transfer and UIW credits.

Although courses in which a student has earned a grade of D- or higher will be accepted in transfer, no grade less than a "C" may be applied to fulfill course requirements in the major, minor, concentration, teaching field, specialization or support work. Pre-requisites required for courses in the major, minor, concentration, teaching field, specialization or support work must also be completed with a grade of C or higher. If a D- is accepted in transfer for these requirements, the student must repeat the course to fulfill the requirement.

Acceptance of transfer work does not reduce institutional requirements (e.g. residency, advanced hours, etc.). Refer to the institutional requirements sections of this catalog for information pertaining to institutional policies. Additionally, some programs require portfolio assessment or competency examinations to determine placement within courses required for the major. In situations where the student does not pass the assessment or examination, the student may be required to repeat courses even though they may transfer to UIW.

It is the student's responsibility to provide the Admissions Office, at the time of application, or the Registrar's Office with an official transcript reflecting completion of the course work. Transcripts from all previously attended colleges or universities, regardless of whether credit was awarded or whether credits apply toward the current program, must be received by the Registrar's Office at the University of the Incarnate Word by the beginning of the first semester of enrollment. Students who fail to meet this admission requirement will not be permitted to enroll for future semesters until all required transcripts are received.

Credit submitted for transfer to the University of the Incarnate Word must be recorded on an official transcript received by the Registrar's Office from the institution where the credit was earned. Once submitted for admission or transfer consideration, the transcript becomes the

property of the University of the Incarnate Word and cannot be released back to the student. The transfer of course credit will be determined by the Office of the Registrar on a course-by-course basis. Course content will be determined from the catalog description or the course syllabus issued by the transferring institution.

The following policies will be used by the Registrar when evaluating transfer credits.

A. Credit from Regionally Accredited Institutions

1. A course that is normally considered part of a bachelor's degree program will be accepted in transfer.
2. A course with a grade of less than C will not be accepted in transfer. Grades for all courses that are normally considered part of an associate or bachelor degree program, regardless of whether or not they apply toward the degree or transfer for credit, will be used to determine the transfer grade point average.
3. A course that is essentially equivalent to a UIW course will be transferred as an equivalent course. Discipline Coordinators will be consulted when there is a question regarding the similarity of a transfer course to a UIW course. Lower level courses accepted as equivalent to courses offered at the advanced level at UIW will not satisfy the advanced hour requirement (refer to Chapter 5, Degree Requirements, section A, policy #2).
4. Developmental course work (including ESL/ELS) and/or preparatory courses, such as orientation, will not be accepted in transfer and will not be included in the calculation of the transfer grade point average but will be used in the cumulative GPA when considering admission to the university.
5. A course that is intended for use in a vocational, technical, or occupational program normally will not be accepted as transfer credit unless it is applied as partial fulfillment of the BAAS degree program. Courses of this nature applied to BAAS degree program will be used in the calculation of the cumulative transfer grade point average.
6. Graduate level courses will not be transferred for undergraduate credit unless the Discipline Coordinator and the appropriate Dean have approved the courses for use in the student's undergraduate degree program.
7. Discipline courses offered in a professional degree program, such as nursing, nuclear medicine, or teacher certification, will not be accepted as degree credit until approved by the Discipline Coordinator and the appropriate Dean.
8. Credit for field experience, internship, or practicum may be transferred from a senior college or university if credit is approved by the Discipline Coordinator and the appropriate Dean. Since these credits are usually taken in the junior or senior year, credit for such courses will not be transferred from a two-year college.

II. UNDERGRADUATE ADMISSIONS

9. Credit reflected on an incoming transcript for life experiences or from an evaluation of a "portfolio" will not be accepted in transfer by UIW.
10. Credit may be awarded for completion of educational programs conducted for business and industry. After matriculation, credit may be determined on an individual bases, based upon UIW equivalence, and upon American Council on Education credit recommendations. The student must petition for credit through the Registrar who confers with the appropriate discipline faculty and Dean. A maximum of 30 semester hours may be earned by professional certification or in combination with correspondence or credit by examination. A \$50.00 fee will be charged per course. After matriculation, students must obtain the Advisor and Dean's approval to transfer such credit to the University.
11. After matriculation at UIW, a maximum of 12 semester hours may be accepted through correspondence work. The discipline coordinator must approve courses taken by correspondence before the work begins. Enrollment in correspondence study during the student's final semester may change the date of graduation if work is not completed and a grade received by the Registrar's Office at UIW before the end of the semester during which the student anticipates graduating.
12. A maximum of 30 semester hours may be earned through non-resident instruction (through a combination of correspondence, professional certification, or credit by examination).
13. After matriculating at UIW, a student must obtain advance permission to enroll at any other college or university with the intent of transferring course credits to UIW for application toward degree requirements. Procedurally, if the course is offered at UIW, a request for enrollment for the same course at another institution will be denied.
14. All work completed at a two-year college will carry lower-division credit. In exceptional circumstances, a lower-level course may be substituted for an upper level course with the approval of the Discipline Coordinator and the appropriate Dean. A lower-level course substituted for an upper-level course will not count toward the advanced hour requirement for the degree (refer to Chapter 5, Degree Requirements, section A, policy #2).
15. Course work taken at St. Mary's University and Our Lady of the Lake University while enrolled at UIW will be treated as resident credit; however, work taken prior to matriculating at UIW will be treated the same as other transfer work.
16. In any case where a decision cannot be made using the above criteria, the Registrar's Office will determine the transfer of credit based on University policies and prior experience of that office.

B. Credit From Non-Accredited Schools

Students transferring to UIW from an institution of higher education that is not accredited by one of the regional accrediting associations may validate the work taken at the institution by:

- Credit will not be awarded for any course for which equivalent tests (AP, CLEP or DSST/DANTES) or challenge examinations exists.
- Credit will only be awarded for courses which are offered at UIW.
- Credit will be awarded only if the course or credit is required for the degree or when elective credits are needed to reach the requisite hours required for the degree.
- Credits from non-accredited institutions may not apply toward all degree programs and the acceptance of these credits is contingent upon departmental approval.
- A maximum of 30 semester hours may be awarded from a non-accredited institution or in combination with correspondence, credit by examination, or challenge examination.

ELIGIBILITY FOR TRANSFER CREDIT EVALUATION:

- Students who have earned at least 30 hours of residence credit at UIW and have accumulated a UIW/institutional GPA of 2.5 or higher may petition for credit consideration.
- Students must apply to the Registrar for consideration of these credits. Specific course credit will be approved by the Registrar in consultation with the Discipline Coordinator and the appropriate Dean.

C. Block Credit in Religious Studies

A student may receive up to 12 semester hours of credit for lower-level undergraduate religious studies by successfully completing a post-secondary program of religious education. The criteria are available from the Religious Studies Coordinator.

D. Credits from International Schools

1. For consideration of transfer credit, official transcripts translated to English are required. Course descriptions or syllabi (in English) are required to determine transfer acceptance or equivalence to UIW courses.
2. English credit will not be awarded for courses completed in non-English speaking countries. Students may take CLEP or departmental challenge examinations to validate these credits. Such courses may be considered for meeting the foreign language area of the degree plan and the hours for this area will be waived.
3. Credit from international sister institutions with which the University has documented articulation agreements will receive special consideration.

E. Credit for Military Experience

Students who have completed a minimum of six months of active duty in the armed forces of the United States may receive academic credit for 2 semester hours of physical education. Students should provide the Registrar's Office with an official copy of form DD214.

The University of the Incarnate Word recognizes and accepts in transfer credit for military training courses. Transfer work may not apply to all degree requirements. An official military transcript must be sent to the Office of the Registrar for evaluation.

Advanced Placement and Advanced Credit

See Credit by Examination (refer to Chapter 5, Credit by Examination, Certification, or Correspondence Policies).

Admission to the Adult Degree Completion Program (ADCaP) and Virtual University

Admission Requirements for Extended Academic Programs

To be eligible for this matriculation, students must meet the following criteria:

1. Students must typically* be out of high school for at least five years. Students are not required to submit ACT or SAT test scores.
4. Students must have worked in a full-time job for a minimum of three years, in or outside of the home.
5. Students who desire Unconditional Admission must demonstrate a GPA of 2.5 or better in any previous college work. In order to judge this, students will be required to obtain "official transcripts" from all regionally accredited institutions previously attended.
6. Students can be considered for Conditional Admission with unofficial copies of their previous college work. Official copies must be received by the end of the second term of attendance.
7. Students with less than the expected 2.5 GPA may qualify for Conditional Admission.
8. Students may be considered for Non-Degree seeking status using the following criteria:
9. Students may be placed into Non-Degree seeking status prior to matriculation; provision of transcripts is not required. However, proof of high school graduation or GED must be supplied. Non-degree seekers within this category will be limited to enrollment in no more than three (3) undergraduate classes. Upon the completion of the third course, the student must either apply for admission or discontinue all attendance at the university.
10. Students may be admitted into Non-Degree seeking status if official transcripts are provided. Non-degree seekers within this category will be limited to the accumulation of no more than 24 undergraduate semester hours.

II. UNDERGRADUATE ADMISSIONS

11. Students attending another home institution may be admitted into Non-Degree seeking (Transient) status by either supplying official transcripts or a letter of “good standing” from the Academic Dean or Registrar at the home institution.

These conditions and requirements of Conditional and Non-Degree seeking admission will be stated in the admissions letter. Students who do not meet all requirements in the time frame stated will be removed from eligibility to enroll

EArmyU, GoArmyEd, NCPDLP, and AU-ABC Program

These online programs are delivered to active duty military personnel. In the event that a student is accepted into the UIW Online program, it will be stipulated by the University that the service member is the holder of a high school diploma/GED based on program requirements and assurances. Students in these programs are active duty military, so age restrictions will not always apply when they are demonstrated to be good candidates for the online learning environment. Students will be accepted for Non-Degree seeking status upon presentation to the UIW Online program. Students who are attending another host institution in the program are permitted to take courses at the university and are not required to submit a letter of “good standing” or official transcripts. Additionally, they are not limited to 24 semester hours, per institutional agreement with each program. Conditions for admission, both Conditional and Unconditional, are identical to those stated above.

Joint Admissions Agreement with Alamo Community Colleges District (ACCD)

This agreement will enhance the opportunities for baccalaureate degree completion for students enrolling at ACC institutions. The agreement helps facilitate transfer of community college credit to UIW and encourages students to complete their baccalaureate degree at the University. For more information contact the Office of Admissions.

Admission of Veterans

The University is approved to offer university work under the GI Bill and provides assistance and resources through the Center for Veterans Affairs. The mission of the Center for Veterans Affairs is to welcome and recognize all service members who are serving and who have served to protect the rights and freedoms of our country. The Center is here to assist the students attending UIW, in all programs, using educational benefits under Department of Veterans Affairs (VA) Educational Assistance Programs in the pursuit of their educational goals. The center is located in the Kathleen Martin Watson Enrollment Center, 2nd Floor, Room 224 at 4301 Broadway in San Antonio, Texas, 78209, across the

street from the main UIW campus. You may reach the Center for Veterans Affairs at 210-832-2154.

Admission of Military Personnel

The University offers a degree completion program to meet the needs of military personnel provided admission requirements are met. The University grants credit for courses taken in military service schools and for USAFI, CLEP, and DAN TES.

The University of the Incarnate Word is a member institution of the Servicemembers Opportunity Colleges (SOC) and sponsors the GoArmyEd, eArmyU, Concurrent Admissions Program (ConAP) Navy College Program Distance Learning Partnership (NCPDLP), and the Air University Associate to Baccalaureate Cooperative (AU-ABC) programs, with the United States Armed Forces. These programs grant early admission to qualified enlisted men and women to facilitate credit transfer and matriculation to the University following discharge. For more information, contact the Office of Admissions.

Requests for service school credit or examination credit must be documented by the following:

1. Official transcripts from USAFI or DAN TES for tests and courses completed.
2. Transcripts showing the completion of service school courses.
3. Official report of scores on CLEP or GED examinations.

Admission of International Students

The University welcomes the applications of international students. An international student is a student who has citizenship in a country other than the United States. Although a rolling admission policy is in effect, it is recommended that students apply to the University no later than 90 days before the beginning of the semester the student plans to attend.

ADMISSION OF INTERNATIONAL FRESHMAN STUDENTS

International freshman students must submit the following to the International Admissions Office (missing information may result in processing delays affecting admission):

1. A signed International Student Application. The application must be signed by the student, not by a parent, guardian or agency. Applications are available online at www.uiw.edu/internationaladmissions. Do not send faxed or emailed copies of the application documents.
2. A \$20 non-refundable application fee payable by cash, check or money order made payable to the University of the Incarnate Word.

II. UNDERGRADUATE ADMISSIONS

3. Educational Documents – All official high school records and proof of graduation translated into English. These records must include grades and/or scores received. For transcripts received by the University without English translations, the application will be considered incomplete and the translation service/expenses will be the responsibility of the student.
4. English Proficiency - Scores from a recognized equivalent English language exam, such the Internet-Based Test of English as a Foreign Language, (IBT), with a minimum score of 79-80, or International English Language Testing System (IELTS) with a minimum score of 6.5, or scores from a recognized equivalent English language exam. Students who score below the required score, or arrive at the University without test scores must enroll in English as a Second Language (ESL) courses and remain enrolled in ESL courses until satisfactory score on UIW in-house TOEFL exam is achieved. Intensive ESL courses are taught by ELS Language Centers, a division of Berlitz International. Fees for ELS courses are not included in UIW tuition costs. Students whose first language is not English, even though not admitted as international students, may be required to test for English language proficiency and may be required to enroll in language remediation courses. Students graduating from a U.S. high school are automatically exempt from the English requirement.
5. Immunization Record showing proof of the Meningitis vaccine for students ages 22 and younger. Students will be required to purchase U.S. health insurance through the university.
6. Two letters of recommendation.
7. Immigration and Financial Requirements.

ADMISSION OF INTERNATIONAL TRANSFER STUDENTS

International transfer students must submit the following to the International Admissions Office (missing information may result in processing delays affecting admission):

1. A signed International Student Application. The application must be signed by the student, not by a parent, guardian or agency. Applications are available online at www.uiw.edu/internationaladmissions. Do not send faxed or emailed copies of the application documents.
2. A \$20 non-refundable application fee payable by cash, check or money order made payable to the University of the Incarnate Word.
3. Educational Documents – All official university transcripts translated into English. These records must include grades and/or scores received. For transcripts received by the University without English translations, the application will be considered incomplete and the translation service/expenses will be the responsibility of the student. A course-by-course/detailed course foreign credential evaluation and course descriptions in English are required for all foreign transcripts to determine transfer credit eligibility. A list of evaluation agencies is available from the International Admissions Office.

II. UNDERGRADUATE ADMISSIONS

4. Applicants with fewer than 24 transferable hours of university credits must submit an official high school transcript, translated into English.
5. English Proficiency - A TOEFL IBT score of 79, an IELTS score of 6.5 or completion of ELS level 109 English for Academic Purposes is required prior to registering for university courses. Students who score below the required score, or arrive at the University without test scores must enroll in English as a Second Language (ESL) courses and remain enrolled in ESL courses until satisfactory score on UIW in-house TOEFL exam is achieved. Intensive ESL courses are taught by ELS Language Centers, a division of Berlitz International. Fees for ELS courses are not included in UIW tuition costs. Students whose first language is not English, even though not admitted as international students, may be required to test for English language proficiency and may be required to enroll in language remediation courses.
6. Students transferring from an accredited US college/university may be exempt from the English proficiency requirement if a minimum of 24 degree seeking credit hours are successfully completed with a grade of C or better. Remedial courses and intensive English courses do NOT count towards the 24 credits. Completion of English Composition I & II with a grade of C or better will also exempt international transfer students from the English proficiency requirement.
7. Immunization Record showing proof of the Meningitis vaccine for students ages 22 and younger. Students will be required to purchase U.S. health insurance through the university.
8. Two letters of recommendation
9. Immigration and Financial Requirements

English as a Second Language

International students whose English skills are insufficient to be admitted to regular university courses are required to take ESL courses (non-credit). ESL courses are taught by ELS Language Centers, a division of Berlitz International. Fees for ELS courses are non-tuition costs, and are not covered in UIW exchange agreements. All exchange students will be expected to pay out-of-pocket costs for ELS courses. Students from non-English speaking countries will receive a waiver from the foreign language core requirement. For further information, please contact the Registrar's Office.

Admission of Exchange Students

An international exchange student is a non-degree seeking student that attends one of the University of the Incarnate Word's Sister Schools around the world. Exchange students must get approval from their home institution and the Director of Sister School Partnerships at the University of the Incarnate Word prior to submitting an application.

Students seeking admission as an Exchange Applicant must submit the following:

II. UNDERGRADUATE ADMISSIONS

1. Completed and signed International Student Application. The application must be signed by the student, not by a parent, guardian or agency. Applications are at www.uiw.edu/internationaladmissions. Do not send faxed or emailed copies of the application documents.
2. A \$20 non-refundable application fee payable by cash, check or money order made payable to the University of the Incarnate Word.
3. Education Documents - Official records of study (university transcript) from home institution, translated to English. Applications will not be processed without the English translation.
4. English Proficiency – A TOEFL IBT score of 79, IELTS score of 6.5 or a TOIEC score of 650 is required prior to being accepted into the Exchange program. All test scores must be submitted to UIW by the testing agency.
5. Immunization Record showing proof of the Meningitis vaccine for students ages 22 and younger. Students will be required to purchase U.S. health insurance through the university.
6. Two letters of recommendation
7. Immigration and Financial Requirements
8. Exchange Student Information Sheet

Students seeking to transfer as degree status are required to follow guidelines listed in the section for Admission of International Transfer Students.

Early Admission for High School Students

Although most freshman applicants will not enter the University of the Incarnate Word until after high school graduation, the University will consider applications from well-qualified candidates who have not yet completed their high school program. Such students must show evidence of maturity and the ability to profit from University course work before graduating from high school.

Early entrance candidates must submit completed application and fee, an official high school transcript, SAT and/or ACT scores taken, and supporting letters of recommendation from the student's guidance counselor and/or principal. Approval from the student's high school and University faculty is required to be admitted and enrolled under this program.

Admission for Home Schooled Students

Applicants who are home schooled are required to submit a notarized high school transcript, SAT or ACT exam scores, and a letter of explanation. A letter of explanation regarding home school environment may be required in some circumstances.

Senior Connection

In this program, selected high school seniors may earn 12 to 18 hours of college credit while completing the requirements for high school graduation. The program grants dual credit for courses that have counterparts at the high school level. Students are eligible for any course available to an entering University freshman. As in the case of other University students, exceptions to prerequisites are handled on an individual basis. All Senior Connection courses are taught by the University of the Incarnate Word faculty with the same syllabus, same textbook, and same rigor as any other section taught on the campus. Senior Connection courses are open to any University of the Incarnate Word student for whom the scheduled time is more appropriate than other sections of the same course. Senior Connection students must have the approval of both high school administration and their University advisor before registering for courses. As with other University of the Incarnate Word courses, some Senior Connection courses utilize facilities of St. Anthony Catholic High School during day hours.

Admission of Non-Degree Seeking Students

Students not wishing to receive a degree from the University of the Incarnate Word and who have not completed a bachelor's degree may be admitted to the University based on the same requirements as a degree-seeking student. Consult the bulletin under the sections 'Admission of New Freshmen' and/or 'Admission of Transfer Students' to determine applicable admissions requirements. The applicant, if accepted, would matriculate as an undergraduate non-degree-seeking student.

A student may accumulate no more than 24 semester hours under the non-degree seeking status without special clearance from the Registrar. Approved international exchange students may petition to accumulate hours beyond the 24-hour limit.

Admission of Transient Students

A degree-seeking student in another University may, upon authorization by the institution, enroll in approved courses at the University of the Incarnate Word as a transient student without submitting an official transcript. A letter of good standing or a letter of permission from the home institution's Academic Dean or Registrar may be submitted in place of the transcript unless prerequisite course completion is required for specific coursework. The online application can be found at www.uiw.edu.

Admission of Post-Baccalaureate/Post-Master's Students

A student who holds a degree from an accredited college or university may take additional courses. An official transcript from the institution from which the degree was received should be submitted, as well as an

application for admission to the University. Post-baccalaureate/post-master's students may accumulate no more than 24 undergraduate hours without special clearance. In addition, they may take no more than 9 hours at the graduate level without being admitted to a graduate degree program.

Re-Admission to the University

University of the Incarnate Word students who have been absent from the University for one full academic semester (Fall/Spring) or more must apply for re-admission to the University. This no-fee application is available on the university's website. Official transcripts of all coursework completed while absent from the University must be submitted prior to re-admission.

Students who left the University on academic probation or enforced withdrawal are advised to show evidence of positive life change and/or academic progress in support of the application in addition to the requirements listed in the prior paragraph. All such decisions are referred to the Dean of Student Success.

Admission of Graduate Students

See Graduate Bulletin.

Appeal of an Admissions Denial

Applicants denied admission to the University may appeal the decision by completing the appeal process form available on the university's website. The form should specify the reason(s) for the appeal, and relevant new information (updated GPA, increased rank, letters of recommendation, new SAT/ACT scores, etc.) should be include.

Appeals will be review by the Dean of Enrollment in collaboration with the Provost and the Vice-President for Enrollment and Student Services.

Permission to Audit

Persons who have not been admitted to the University may apply for permission to audit a course without credit. Courses audited are not applicable towards a degree, and permission to audit does not constitute admission to the University. For further information on auditing a course, contact the Registrar's Office.

Immunization Requirements

In compliance with Section 97.63 of the Texas Administrative Code, all full-time students at the University must provide proof of immunization for measles, mumps, and rubella (MMR 1 and 2), and a Tetanus/Diphtheria (TD) booster received within the last 10 years during their first semester of

II. UNDERGRADUATE ADMISSIONS

enrollment. Lacking such verification, students should obtain the required immunizations from their private physician or through their local Public Health Department.

It is recommended but not required for any undergraduate less than 25 who wish as to reduce their risk of meningococcal disease to consider vaccination. Freshmen should consider the meningitis vaccination preferably at entry into college and if they are going to live in dormitories or residence halls.

Students enrolled in Health Care majors, which will involve direct patient contact (Nursing, Nutrition, and Nuclear Medicine) are subject to more stringent immunization requirements prior to being admitted to clinical settings. For further information, contact Health Services at (210) 829-6017.

III. Financial Information

Tuition and Financial Regulations	42
Tuition	42
Housing.....	43
Residence Halls and Dining Service	43
Tuition Discounts	43
Payments.....	46
Payment Policy	46
Account Statements and Disputes	47
Returned Items/Insufficient Funds.....	47
Student Health Insurance	48
Parking.....	48
Financial Aid Policies and Billing Practices	49
Withdrawals and Refunds.....	50
Funds Not Yet Received at the Time of Withdrawal.....	52
Financial Assistance	52
Types of Assistance Available	53
Satisfactory Academic Progress.....	53
Review Policy	54
Financial Aid Termination	55
Conditions for Reinstatement	55
Veteran's Benefits.....	56

Tuition and Financial Regulations

The University of the Incarnate Word is an independent institution and receives no direct support from state or federal taxes. Subsequently, all of the instructional and operating costs of the University are paid by student tuition. The difference between such costs and the amount paid by the student is subsidized by income from endowment, grants for special projects, and gifts from alumni and other friends who recognize the value of our educational program.

The University endeavors to arrange loans, discounts, grants-in-aid, employment, and scholarships to enable students to continue in an academic program.

Tuition

Tuition, fees, and other charges vary from year to year. The exact rates are printed in the Schedule of Courses each semester. They may also be obtained from the Admissions or Business Offices. A non-refundable

confirmation fee will be assessed to all new full-time students and full-time re-admitted students.

Housing

A one-time housing deposit of \$225 is required upon submission of the housing application. The deposit will be returned to the student from the Business Office when the student makes a proper checkout from the Residence Halls. The deposit will remain on their account with the Business Office as long as they are a resident in the Residence Halls. Residents are responsible for damages that occur in their residence. A \$500 cancellation fee and loss of deposit will be assessed if a resident breaks their housing contract during the contract period.

Residence Halls and Dining Service

Students are provided the following options for Campus Housing: Residence Halls include triple, double, and single rooms; Village of Avoca, provides two bedroom, four person apartment units; ICC II offers apartment style housing units, which, provides single and double rooms. Units in ICC II can accommodate four to six residents. The New Residence Hall (Hillside) will provide two floors of single rooms with private baths and one floor of double rooms with private baths.

Food service plans are required for all students residing on campus. Residents are required to purchase meal plans each semester including summer sessions. The meal plan does roll over from fall to spring if there is a balance, but remaining balances are forfeited after the Spring Semester. Food service is provided at four facilities on campus, which include the Marian Hall Food Court, Hortencia's, Finnegan's, and Java on the Hill.

Tuition Discounts

Tuition discounts are available for part-time/full-time undergraduate or graduate students who qualify, such as the Active Duty Military and their dependents, Civilian Department of Defense Employees (no dependents), Retired Military (no dependents), UIW/SAHS/IWHS Employees and their dependents, and University Senior Preparatory Program.

Military & Civilian Department of Defense discounts apply to any student enrolled with the Main Campus. Those students eligible are active duty military with or without a Tuition Assistance Form and their dependents, civilian Department of Defense employees (no dependents), and retired military (no dependents). Those students receive the same percentage as a main campus graduate student. The discount will be applied to tuition only and any other fees associated with enrollment will be the responsibility of the student. Discounts are not applicable to students for whom 100% tuition is paid by any third party payer. Discounts may be reversed if payment is received after discount(s) are applied. The

Business Office and Office of Financial Assistance determine eligibility. Refer to the University Payment Policy located under the Tuition and Financial Regulations. Discounts may vary between University programs (Main Campus, ADCaP, or Virtual University).

It is the responsibility of the student to present their valid identification or current military identification along with any Tuition Assistance Forms to the Business Office within the specified dated as published by the University course schedule. Those courses pertaining to ADCaP, Virtual University and mini semesters have ten days from the first day of classes to submit a valid identification, application and/or TA form(s) to qualify for the discount.

Tuition discounts are available for any individual who is employed at the University of the Incarnate Word, Incarnate Word High School or St. Anthony Catholic High School on a regular, full-time employment agreement (for at least 75% of the time) as faculty, administrator, or staff. Employees may receive tuition remission for themselves for undergraduate and/or graduate classes taken at UIW per the guidelines listed in the UIW/IWHS/SACHS Administrator/Staff Guidelines & Faculty Handbook. Employee tuition waiver forms are available through the Human Resources Office. According to the Administrative/Staff Guidelines, the deadline for submission of Employee Tuition Waiver forms is 14 calendar days after the last day to add a course for the term. For further information, please contact the Human Resources Office at 829-6019. The discount will be applied to tuition only and any other fees associated with enrollment will be the responsibility of the student. Refer to the University Payment Policy located under the Tuition and Financial Regulations.

University Preparatory Program discounts applies to Junior and Senior Incarnate Word High School (IWHS) and St. Anthony Catholic High School (SACHS) students. The direct cost to all participants in the High School/University Program varies according to the number of hours for which the student is enrolled at the University of the Incarnate Word. Students selected for this program from IWHS/SACHS will receive an Academic Scholarship resulting in a percentage reduction in University tuition. In addition, they will receive a percentage discount on their high school tuition for each three (3) hour course they take at the University each semester. Discount applies to part-time status 1-9 hours, no discounts will be granted for a full-time status 12+ hours (Banded Tuition). The discount will be applied to tuition only and any other fees associated with enrollment will be the responsibility of the student. For further information, please contact the respective High School Business Office (IWHS (210) 829-3115 or SACHS (210) 832-5639). Refer to the University Payment Policy located under the Tuition and Financial Regulations.

It is the responsibility of the student to apply for tuition discounts. The student and his/her family must apply using the appropriate application form(s) and provide all necessary information to complete each

application (i.e., valid identification(s), tuition assistance form(s)) to receive consideration for these discounts. Applications for these tuition discounts should be submitted to the respective departments or the Business Office according to the deadlines posted in each respective Semester Schedule of Classes. No discounts will be applied after the deadline indicated in the Semester Schedule of Classes. All discounts will be evaluated and assessed to the student account after the last day to add and drop a course for the respective term or within stated deadline outlined in the published Schedule of Classes. In order to continue receiving the discount, the student is responsible for submitting a new application and required information to complete the application each session (fall, spring, summer). Prospective students may call the Business Office at (210) 829-6043 if they need appropriate forms or more information.

*Any student pursuing a doctorate (PhD) or professional degree (Pharmacy, Optometry) is not eligible for these discounts, regardless if enrolled in a graduate level course.

Your student financial assistance award may be adjusted without notice due to receiving such discount(s).

All discounts are subject to change without notice.

Auditing Courses

Auditing courses are available to non-student, part-time or full-time students. Auditors that are *non-students or are enrolled in a part-time status pay 50% of regular tuition for lecture courses and any associated course fees; however, full tuition is charged for limited enrollment, private instruction and studio courses.

*Audit courses follow the Last day for 100% Refund for any Undergraduate and Graduate courses. Deadlines may be found in the Main Campus Schedule of Classes (See Academic Calendar) or from the respective program administrator (i.e., ADCaP or Virtual University).

Full-time students may audit one lecture course (3-4 hours) per session (fall, spring, summer) at no cost. Any course fees associated with this enrollment will be the responsibility of the student.

Students are allowed to combine their total number of hours within a respective session to determine their full-time status. Undergraduates on the Main Campus are considered full-time with 12 + enrolled hours, a Graduate and Doctoral student on the Main Campus is considered a full-time status at 9 + hours. Full-time doctoral status changes when doctoral student is in dissertation writing phase and/or enrolled 3 + hours. If a full-time student falls under banded tuition and, with the audit class, does not exceed a total of 18 hours, no discount will be granted.

*Students enrolled in our ADCaP program will be allowed to audit courses within that program. Audit discounts are not applicable to Virtual University courses.

Incarinate Word Retirement Center residents may attend one course without charge per semester. Grades for this enrollment will not be recorded.

The deadline for changing enrollment in a course from graded to audit status is printed in the Academic Calendar located in the University Course Schedule.

Payments

Payment Options: Other than Financial Assistance and Work-Study programs, the University accepts cash, checks, and credit cards for payment of tuition and fees.

1. Cash, check and credit card payments for the payment of tuition and fees are accepted at the Business Office, Monday through Thursday 8 a.m. to 6 p.m. and Friday 8 a.m. to 5 p.m. Payments sent via mail should be forwarded to: UIW Business Office, 4301 Broadway CPO# 291, San Antonio, Texas 78209. All checks must include the student's name, student ID, and specific term to insure proper credit to account.
2. Drop Box located next to room 190 in the Administration Building
3. The following credit cards are accepted: Master Card, Visa, American Express and Discover.
4. Secured Web payments for tuition and fees are accepted with your UIW PIN, personal identification number. If you have already been issued a PIN, you may use this same number to gain access to this screen. For those students with no PIN, contact the Registrar's Office at 829-6006. Log on to: <http://www.uiwtx.edu/banner> self-service.
5. The University offers students a Tuition Payment Plan. Enrollment into this plan will include an application fee. The student can divide their charges into installments. It is the responsibility of the student to enroll in a payment plan each semester. Failure to remit these payments will result in withholding of credits, transcripts, diplomas, and a late payment fee each month for not submitting tuition payments as agreed. However, this will not exempt students from liability for those charges.

To enroll in the deferred payment plan or if you need additional information, please come by the Business Office or call (210) 829-6043.

Payment Policy

1. Payment arrangements must be finalized by the eighth calendar day from the first class day to the semester.
2. All international students are required to pay the full semester's tuition and fees upon registering each semester. International students will not be allowed to enroll in a payment plan.
3. ALL FEES ARE SUBJECT TO CHANGE WITHOUT NOTICE.
4. Students who have not met their total financial obligations to the University will not be permitted to enroll for a subsequent academic term and current registration is subject to cancelation.

5. Withdrawal without proper notice entails failure in all courses for the semester and the student is held liable for the full payment of tuition, fees and other charges.
6. Students must pay their financial obligation in full to the University to have diplomas and transcripts released. In addition, if payment is not made in full, students may be prohibited from participating in the graduation ceremony.
7. The student agrees to assume liability for any debt incurred during his/her attendance at the University. In the event of a delinquency or default, the student will pay all reasonable costs of collection including but not limited to attorney fees and necessary court costs.

The University does not send out paper bills; all bills are available online through the MyWord portal. The bill will serve as a full accounting of the student account activity for the period. Each student must review their bill promptly and notify the Business Office immediately (busad@uiwtx.edu or 210-829-6043) of any errors or omissions on the bill.

Students should report any disputed items to the Business Office within 60 days after the disputed items appears on the student's statement. If the student fails to report a disputed item, he/she may not claim any liability on the part of the University in connection with the University handling of the item (items) in dispute.

Account Statements and Disputes

The University will send each student a statement of the student account on a monthly basis. The statement will serve as a full accounting of the student account activity for the period. Each student must review the statement promptly and notify the Business Office immediately at the telephone number or address provided on the statement of any errors or omissions in the statement.

Any student must report any disputed items to the Business Office within 60 days after the disputed items appears on the student's statement. If the student fails to report a disputed item, he/she may not claim any liability on the part of the University in connection with the University handling of the item (items) in dispute. Before the University will consider making a refund or credit to the student because of a claimed discrepancy, the student must give the University a written statement containing any reasonable information the University may require (i.e. name, student ID, term, and discrepancy).

Returned Items/Insufficient Funds

When the bank for whatever reason returns a check, a nonrefundable returned check service charge is assessed. The student is given ten days from the date of notice to make full payment by cash, money order, or cashier's check. Once the student has had returned checks, the University reserves the right not to accept any personal checks from the student for

future payments. Returned checks not paid will be submitted for collections.

Student Health Insurance

All full-time domestic students (Full-time constitutes 12+ hours for undergraduates, 9+ hours for graduates and *doctoral students) and all international students (eligibility is based on Admission status) are required to participate in the student accident and sickness insurance plan. Only domestic students are allowed to waive insurance when proof of existing personal domestic coverage is presented and a waiver is completed (Contact Business Office regarding waiver information). This plan protects students 24 hours a day, whether at home, school or while traveling. The insurance plan is also available for dependents. This coverage is in effect during the interim vacation periods. Participation in intercollegiate athletics is not covered. Brochures that describe student health insurance cost and coverage are available in the Office of Health Services, by logging on to: <http://www.uiw.edu/health/hinsurance.html>. Insurance must be waived on or before the stated waiver deadline posted in the Academic Calendar found in this University Course Schedule.

*Full-time doctoral status changes when student is in dissertation writing phase and/or 3 + hours (Doctoral students are not automatically charged in this status and must request and pay for insurance coverage after enrollment.)

Note: Insurance is automatically assessed against the majority of student's account. The charges will not be removed unless a waiver and proof of insurance is provided to the Business Office within the waiver deadline.

If charges do not appear on your student statement it reflects, no insurance premium has been submitted on your behalf. Application and full payment for dependent coverage is due the day of purchase. Eligibility of insurance is determined by insurance company.

Students currently enrolled in any University term(s) can purchase UIW students insurance for themselves and their *dependents at anytime from the Business Office during the academic school year.

*Individual student insurance must be purchased prior to availability for dependent coverage.

Parking

All automobiles or motorcycles parked on campus must be registered with the Business Office.

To park on campus, students must pay a parking fee that entitles them to obtain and display a parking decal. Parking fees are automatically assessed to a student's account. Since parking decals are issued annually, and in the event that you are not parking your vehicle on

campus for a respective term, you may be granted a parking waiver by returning the issued decal by the published parking waiver deadline. Part-time and graduate students will be assessed a fee dependent upon the number of semester hours they are taking any given semester. The fee will be based on the current per credit hour rate (which is available on the business office website under tuition/fees) for . A lost or stolen permit can be replaced at the Business Office. The fee for a replacement permit is the full-time charge for the respective semester. Failure to exhibit a decal will be cause for ticketing. Incarnate Word High School and St. Anthony Catholic High School decals are valid parking credentials at the University. Parking regulations will be strictly enforced. Violators will be ticketed and charged. A repeat violation will result in a vehicle boot and/or towing of the vehicle at the owner's expense. For questions about specific charges or refunds, contact the Business Office at (210) 829-6043.

How To Obtain a Parking Decal

- The student must submit his/her application online at https://bannerweb.uiwtx.edu/prod/twbkwbis.P_WWWLogin.
- * The following applies for individuals with a disability placard:
 - Present your original letter issued by the state or your disability placard (decal);
 - A valid driver's license;
 - A current copy of your vehicle registration

* These Students or Employees must still register the vehicle and pick up a UIW Disability Decal at the Business Office.

For questions about specific charges or refunds, contact the Business Office at (210) 829-6043 or visit our Business Office Web Page by logging on to: <http://www.uiw.edu> and clicking onto link Business Office.

Financial Aid Policies and Billing Practices

It is the responsibility of the student to apply for financial aid every award year. The University does not arrange financial aid for the student. It is the student and his/her family who must apply using the appropriate form(s) to receive consideration for financial aid, whether offered by a federal agency or a lending institution. Applications for financial assistance should normally be submitted by the student prior to the April 1 priority deadline for the coming school year in order to ensure availability of funds. Prospective students may call the Office of Financial Assistance if they need appropriate forms or more information.

The aid package you receive is based on information currently on file with the Office of Financial Assistance. If any of the following occurs, your aid package will be revised and/or nullified:

- a. Change or reduce semester hours
- b. Change housing status and/or meal plan

- c. Receive grants, scholarships, or other aid from any source not on file with the Office of Financial Assistance
- d. Not maintaining Satisfactory Academic Progress as defined by Federal Financial Aid regulations. See the Office of Financial Assistance or log on to www.uiw.edu and go to the financial assistance web page for more details.

Please check with the Office of Financial Assistance about the impact of these or other changes as they might have a serious impact on the aid you receive.

Withdrawals and Refunds

Refunds will be determined after the 100% drop date has ended, after funds are disbursed to your account, or 14 days after the first day of class for the current semester, whichever is later. All refunds are mailed to the primary residence address on file, or the student may sign up for direct deposit (eRefund) through the Business Office.

A student's withdrawal from the University will be considered as occurring the day he or she submits a completed official withdrawal form to the Dean of Student Success (undergraduate students) or the Graduate Studies and Research Office (graduate students). Forms for adding or dropping courses are available in the Registrar's Office or on-line. Notice to an instructor or any other office does not cancel registration or a student's contract with the Business Office.

WITHDRAWAL WITHOUT PROPER NOTICE ENTAILS FAILURE IN ALL COURSES FOR THE SEMESTER AND LIABILITY FOR FULL PAYMENT OF ALL TUITION, FEES, AND OTHER CHARGES.

Students will be refunded tuition and fee charges based on the percentages outlined in the Semester Schedule of Courses. If students have received federal aid during the semester and withdraw or stop attending from all courses within the first 60% of calendar days of the semester, the Office of Financial Assistance will return the unearned portion of federal aid funds disbursed based on the guidelines established by the Department of Education.

Please see the Semester Schedule of Courses for the specific withdrawal dates for each individual semester and their percentages.

Meal Plans: The unused portion of a meal plan purchased in the summer and fall term may be used in the following spring term. Unused meal points at the end of the spring semester are forfeited and not refundable. Meal plans are not transferable. When a resident student withdraws from the University, the lesser of the unused portion or prorated amount of the meal plan will be credited to the student's account. Please see the Return of Title IV Funds policy.

Appeals to Refund Policy

Contact the Business Office for exceptions to the withdrawal and refund policy due to medical or other extenuating circumstances.

Return of Title IV Funds

As a requirement set forth by the Department of Education, the Office of Financial Assistance is required to return a percentage of Federal Financial Aid that was disbursed to students who have completely withdrawn from UIW or have stopped attending all classes (unofficial withdrawal). The amount of aid returned is determined by the following formula:

Number of days attended / Total days in the semester = % of aid "earned."

Any aid above and beyond this amount must be returned to its source. Additionally, if you receive a partial or full refund of tuition and fees, any State or Institutional grants must be reduced by the percentage of refund you received. Please call the Office of Financial Assistance at (210) 829-6008 if you have any questions about the effect of a withdrawal on your financial aid.

Please remember that withdrawals affect your future status of Satisfactory Academic Progress. For information about Satisfactory Academic Progress, please refer to the Financial Aid Office web page at <http://www.uiw.edu/finaid/finaideligibility.html>.

The amounts owed for a Title IV return will be refunded to their sources in the following order:

- Unsubsidized Direct Stafford Loans
- Subsidized Direct Stafford Loans
- Federal Perkins Loans
- Direct PLUS loan for Graduate Students
- Direct Parent PLUS Loans
- Federal PELL Grant
- Federal SEOG Grant
- Federal TEACH Program
- Irag/Afghanistan Service Grant
- Other Title IV Assistance
- State, Private and Institutional Aid
- Student Payments, Parent Payments

A student who withdraws and has received financial assistance must complete an exit counseling session. The student may fulfill this

requirement by logging on to <http://www.uiw.edu/finaid/exit.html> or visiting the Office of Financial Assistance for a counseling session.

In addition, if students received an institutional loan such as Perkins, Ralston, Nursing, or Faculty Nursing and are not planning on attending the forthcoming semester or are planning to graduate, these students are required to complete an electronic exit interview at www.uasexit.com. Please call the Business Office at (210) 829-6084 if you have any questions or to receive instructions on completing an exit interview.

Late Disbursement of Federal Loans and Grants, Private or State Financial Aid:

The Office of Financial Assistance will determine the amounts to be credited to the student's account prior to the refund calculation based on federal, state, or private source regulations.

Funds Not Yet Received at the Time of Withdrawal

If a student withdraws before federal funds are received and/or disbursed, the Office of Financial Assistance will determine the amount(s) to be returned according to each funding source guideline. The Office of Financial Assistance will notify the student and the Business Office of any changes.

A student receiving financial assistance should meet with a financial aid counselor before withdrawing or reducing hours to determine the impact on the student's award.

Financial Assistance

The University of the Incarnate Word Office of Financial Assistance has a proven history of making the University experience accessible for students of all economic backgrounds. Students selecting our small class environment, personalized instruction, and quality academic programs are making a lifetime investment. The University is committed to helping students fund their decision to attend the University of the Incarnate Word through grants, scholarships, work opportunities, and loan assistance.

The primary purpose of student financial assistance is to provide resources to students who would otherwise be unable to pursue a post-secondary education. Financial assistance programs are designed to supplement a family's efforts to meet educational costs. The financial assistance philosophy at the University is to meet the direct costs or financial need of all eligible students until funds are exhausted.

To be considered for most types of financial assistance at the University of the Incarnate Word, students must complete their financial assistance file each year. A completed file includes a Free Application for Federal Student Aid (FAFSA), a UIW Student Information Form, a Payment Authorization Form, and any other documents required by the federal or state government. A student must also be accepted by the University and

enrolled in a degree-seeking program. (NOTE: Gift assistance is NOT available to second-degree seeking students.) In most cases, only students who are citizens or eligible non-citizens can apply for financial assistance.

Students applying for financial assistance are considered for all programs for which they are eligible, including federal, state, and institutional programs. Financial assistance is awarded on a first come, first serve basis. Therefore, it is important to begin the application process as early as possible. Copies of the FAFSA and the UIW Student Information Form may be obtained from the Office of Financial Assistance. (NOTE: There is an April 1 priority deadline every year for early awarding when gift funds are at their optimal level.)

Types of Assistance Available

See the Office of Financial Assistance or refer to the Financial Assistance Page on the University website at www.uiw.edu/finaid for specific information concerning all financial assistance programs offered at the University.

Satisfactory Academic Progress

The Higher Education Amendment of 1965, as amended, mandates institutions of higher education to establish minimum standards of "Satisfactory Academic Progress" for students receiving financial aid. UIW makes its standard applicable to all federal, state, and institutional financial assistance programs for the purpose of maintaining a consistent policy for all students receiving financial aid.

To make Satisfactory Academic Progress (SAP), students must meet all of the following standards:

Academic Standards

Students must maintain a cumulative GPA minimum requirement at the end of each academic year for all credit hours attempted at UIW (Undergraduates 2.0; Graduate students 3.0). If the cumulative GPA drops below the minimum requirement, the student will no longer be eligible for financial aid.

Maximum Time Frames

The number of credit hours a student attempts may not exceed 125% of the number of credit hours required for graduation in his or her program of study, as published in the University Bulletin.

That is, if the published number of hours required for graduation is 128, a student may not attempt more than 160 credit hours ($128 \times 1.25 = 160$) and continue to receive financial aid. All periods of enrollment must be considered, even those for which the student did not receive financial aid,

as well as hours transferred in from another school. If the number of attempted hours reaches 125% of the hours required for graduation, the student will no longer be eligible for financial aid.

Attempted hours include all registered hours per semester whether or not the student earns a grade or receives credit.

The following are considered hours attempted, but not completed:

"F" grades for undergraduate students, "D" or "F" grades for graduate students

"AU" Audited courses

"W," or "IP" grades

Completed hours include all semester hours for which the student earns a grade:

"A" through "D" grades for undergraduate students

"A" through "C" grades for graduate students

"P" passing with credit

All transfer hours accepted for credit

Enrollment Status

During the academic year (Fall and Spring) a student who receives financial aid must successfully complete a minimum of 75% of all attempted coursework. If the number of completed hours drops below 75% of attempted hours, the student will no longer be eligible for financial aid. (See completion definitions above).

Examples:

If a student attempts (registers for) 30 credit hours in an academic year, he or she must complete a minimum of 22 credit hours ($75\% \times 30 = 22.5 = 22$) in order to make SAP for the year. NOTE: All partial credit hours will be rounded down to the nearest hour.

If a student attempts 36 credit hours, he or she must complete a minimum of 27 credit hours ($75\% \times 36 = 27$) to be making SAP.

If at the end of the second year a student has attempted 60 credit hours, he or she must have completed a minimum of 45 credit hours ($75\% \times 60 = 45$) to be making SAP.

Review Policy

At the end of each Academic Year (Spring semester), the Office of Financial Assistance will review the progress of each financial aid recipient for SAP. Students will be reviewed to ensure that they are meeting the following criteria:

1. Cumulative GPA of 2.0 or higher (undergraduates) or, cumulative GPA of 3.0 or higher (graduate students).
2. Successful completion of at least 75% of all attempted coursework for all periods of enrollment (cumulative) even those for which the student did not receive financial aid.
3. Total attempted hours does not exceed 125% of the published length of the program of study.

Financial Aid Termination

In the event that the student does not meet the requirements for SAP, he or she will be placed on Financial Aid Termination. This means that the student will not be eligible for any type of federal, state, or institutional aid until he or she has returned to Satisfactory Academic Progress or submitted an appeal to the Office of Financial Assistance for possible reinstatement.

Conditions for Reinstatement

Students whose eligibility for financial aid has been terminated may appeal the decision in writing to the Office of Financial Assistance if they believe that they had extenuating circumstances which led to their unsatisfactory progress. The Office of Financial Assistance will notify the student in writing of the decision.

Appeals for the reinstatement of financial aid eligibility must include:

1. The student must complete the Satisfactory Academic Progress Appeal Form available in the Office of Financial Assistance.
17. A letter from the student documenting the extenuating circumstances; for example, personal illness, medical problems, or death in the family. This letter should provide a detailed explanation of the situation. If the student has exceeded the maximum time frame and is appealing based on a change of major, he or she should state the reason for the change and submit a new program of study or degree plan which indicates the number of hours remaining to be taken in the new major. The student must also provide a statement from his or her academic advisor indicating the number of credit hours from the previous major that will apply to the new major. This information can be included on the Termination Review Form.

Students whose appeals are approved will be required to agree to an academic plan and must meet with the SAP requirements or be meeting the requirements of the academic plan by the end of the following semester in order to continue receiving financial assistance. Students who are meeting neither requirement by the end of the next semester will be placed on Financial Aid Termination and will not be eligible for further aid until they are once again meeting the initial SAP requirements.

Students who have been placed on Financial Aid Termination because they do not meet the GPA or Enrollment Status requirement may do the following if they decide not to appeal, or if their appeal is not approved:

2. Students may attend UIW without financial assistance until they meet the SAP requirements for both cumulative GPA and cumulative completion requirements.
3. Apply for various alternative loan programs available to help meet the costs of tuition.

Veteran's Benefits

Degree programs described in this bulletin have been approved for benefits under the various laws commonly referred to as the GI Bill and other VA Educational Benefits. Eligible veterans and dependents should contact the Center for Veterans Affairs, located at Kathleen Martin Watson Enrollment Center, 2nd Floor, Room 224 at 4301 Broadway in San Antonio, Texas, 78209 for assistance in following established degree programs that will meet VA requirements. The Center for Veterans Affairs provides the required forms and information regarding educational benefits which may be available for veterans and/or their dependents. The Post 9-11 GI Bill and Vocational Rehabilitation Chapter will award eligible tuition and fees to the institution, all other chapters and benefits are paid directly to the student.

Students who obtain VA Educational Benefits are responsible for understanding the policies set by the VA regulations, which are monitored both by the VA and the Texas Veterans Commission, and for notifying the Center for Veterans Affairs of changes to their enrollment status. The Center for Veterans Affairs serves as a liaison between the VA and those students of the University of the Incarnate Word participating in a VA educational program. Because UIW is a private institution we do not participate in the Hazelwood Act, an Exemptions for Texas Veterans program which may only be used at a Texas public institution.

Certification Procedures

Official transcripts of all previous university credits must be on file and evaluated toward a specific degree objective before the enrollment can be certified. Only courses that are required for the selected degree objective will be certified for benefits. All students applying for veteran's benefits must complete the University of the Incarnate Word request form for VA enrollment certification each semester. This form may be obtained from the Center for Veterans Affairs. Enrollment will be certified following registration for each semester. After initially registering for courses, it is the student's responsibility to notify the Center for Veterans Affairs of any subsequent change in registration.

Standards of Progress for Receipt of Veteran's Benefits

Veteran's regulations require that a student receiving veteran's educational benefits select an approved degree program and make

satisfactory progress toward completion of that program or risk the possible suspension of benefits. Veterans must maintain Satisfactory Academic Progress according to the policies of the University of the Incarnate Word. When a student fails to maintain prescribed standards of progress, we will notify the Veteran's Administration and they may discontinue benefits payments. The Department of Veterans Affairs will also be notified of students who have been placed on academic probation or who have graduated from their degree program. In general, a cumulative 2.0 GPA is required for graduation. Veterans who earn a cumulative GPA of less than a 2.00 will be placed on probation and given one semester to achieve the 2.00 requirement. Failure to obtain a cumulative 2.0 GPA at the end of the probationary semester will usually result in suspension of benefits.

IV. Student Life Programs

Student Identification Cards.....	58
Tutoring Services.....	69
Campus Ministry.....	59
Counseling Services.....	59
Health Services.....	59
Student Housing.....	60
University Events and Student Programs.....	66
Food Service.....	61
Intercollegiate Athletics.....	61
Intramural Activities.....	62
Student Complaint Policy.....	62
Mediation Services.....	65
Student Conduct and Discipline.....	65

The commitment made by the University to the education of the individual includes the development of the whole person. The administration, faculty, and staff recognize that the student is not merely a recipient of knowledge, but a developing individual preparing for a larger role in society beyond the University experience. To this end, the University provides a variety of services and programs that are designed to assist the individual in the process of development and to enable the student to make the best possible use of the University experience.

Student Identification Cards

Each enrolled student is provided with an official University Identification Card enabling the student to attend University functions and utilize University facilities and services. ID cards can be used to purchase food on campus, check out books from the library, and gain entry into the residence halls, Wellness Center, Natatorium, athletic events, and theatre performances. The first ID is free and is available in the Campus Life Office. All entering first-year and transfer students have an opportunity to receive an ID card during Orientation. At the request of a University official, students are required to present this card as evidence of student status at UIW. Failure to present an ID could result in disciplinary action. Lost, misplaced, or missing ID cards should be reported to the Campus Life Office. There is a charge to replace a lost ID card. Delay in reporting a lost ID card could result in misuse of your card. The University ID card is nontransferable. Alterations to the card, false representation in obtaining and/or using the card are forbidden. Misuse may result in forfeiture of the card and disciplinary action, up to and including suspension from the University.

Campus Ministry

The University of the Incarnate Word, rooted in the Roman Catholic tradition, is committed to encouraging the personal faith life of all its members and affirms the spirituality of its students, faculty, and staff members of varying religious backgrounds and persuasions. Campus ministers and student peer ministers form a searching, believing, loving, worshipping presence on campus so that intellectual, moral, and spiritual growth can flourish. The UIW community fosters initiative and participation in the areas of spiritual development, self-realization, worship, ethics, social justice, and Christian service

Counseling Services

The services offered by the Counseling Center are designed to provide assistance in resolving problems encountered by students as they seek to grow intellectually, emotionally, and socially. It is the Center's philosophy that each person should be encouraged and given the opportunity to take responsibility for his/her own decision-making process and lifestyle. The Counseling Center staff facilitates this process in an environment of understanding and confidentiality through personal and educational counseling. The staff is also available to provide a variety of small group workshops.

Health Services

The Campus Health Center provides basic health services that focus on primary prevention care, health education and counseling, care for acute minor illnesses and injuries, maintenance of health records, and assistance with the university insurance plan.

Immunizations: The University requires all full-time undergraduates who live in on-campus housing and all F-1 International Students to provide a health history and immunization records upon enrollment. Required immunizations include a Tetanus-Diphtheria (Td), Two Measles Mumps and Rubella (MMR) and a Polio series if less than 18 years of age. International students and those born outside of the United States are also required to have a Tuberculosis skin test (PPD), available in Health Services for a nominal fee. The results of the skin test must be within one year of starting at UIW. If the PPD is positive, then a chest X-ray within one year of admission is required. All first-time students (under the age of 30), including transfer students, will be required to show evidence of being immunized against bacterial meningitis. Acceptable evidence of vaccination includes; the month, day, and year of the immunization with the signature stamp of the physician or his/her designee; or an official immunization record generated from a state of local health department; or an official record from school officials, including a record from another state. The meningitis vaccine is available from UIW Health Services for a fee.

IV. STUDENT LIFE PROGRAMS

An exception to this requirement will be granted if you, your parent, or guardian submits an affidavit or certificate signed by a physician who is duly licensed to practice in the United States, in which it is stated that in the physician's opinion, the required immunization would be injurious to your health. If you have any questions about this requirement please contact Student Health Services at (210) 829-6017. Students enrolled in programs which require clinical experience in affiliated hospitals and clinics must comply with the health policy requirements of those institutions.

Health Insurance: All students enrolled for 12 or more semester hours are automatically billed for Health Insurance through the University Health Insurance Plan. If a student has his/her own private insurance then an Insurance WAIVER FORM must be submitted on-line to the Insurance Carrier prior to the 10th class day. No refunds for the health insurance plan will be made unless the waiver requirement has been met. International students are not permitted to waive the University's Health Insurance Plan.

Student Housing

On-campus housing is available upon request for full-time students. Part-time students are permitted on a space-available basis. Nine residence halls are provided: Clement Hall, Colbert Hall, Dubuis Hall, Marian Hall, St. Joseph Hall, Agnese-Sosa Living/Learning Center, Hillside Hall, Joeris Hall, McCombs Center. In addition, the Village of Avoca Apartments provides four-person suites. All halls are air-conditioned and equipped with lounges, laundry facilities, and TV rooms. A room may be reserved by completing a housing agreement and application, and submitting them with a \$225 deposit to the Office of Residence Life.

All residence hall students will be required to purchase a meal plan each semester. Room assignments are made based upon application and deposit dates without regard to race, creed, or national origin. Although most students have roommates, single rooms are also available. If rooms and apartments reach maximum capacity, a housing priority list will be maintained with preferences given to out-of-town students. All international students are strongly encouraged to live in campus housing while they are at UIW.

Professionally trained staff and student Resident Assistants supervise and oversee the residence halls. The University issues Guidelines for Community Living in the Residence Halls, a publication, which provides students with information and policies regarding the residence halls. During some holidays and semester breaks, the residence halls close at 3:00 p.m. on the last day of classes until noon on the day preceding resumption of class breaks. Housing during these periods will be provided for an additional charge. Housing is available during the summer session.

IV. STUDENT LIFE PROGRAMS

Further information on student housing is available by contacting the Director of Residence Life in the Campus Life Office.

Food Service

The University of the Incarnate Word offers several locations for food service. The Food Court, located in Marian Hall/Student Center, is the main dining facility and provides a variety of all you care to eat food options: home-cooked entrees, salad bar and soup, pizza, the grill, and made to order entrees. Hortencia's, located in the Administration Building, features Chick-fil-A and , Freshens smoothies and yogurt. Grab-n-go salads and convenience items are also available. Java on the Hill, a coffee shop featuring Starbucks coffee is located adjacent to the Bookstore in the McCombs Building. It features pizzas, hot appetizers, salads and sandwiches coffees, teas, breads, and dessert. A limited selection of beer and wine is also available. Finnegan's Coffee Shop, featuring Starbucks coffee and tea is located in the J.E. and L.E. Mabee Library. Enjoy gourmet sandwiches, salads, pastries and desserts, and an assortment of bottled beverages. The International Conference Center Café is located on the 1st floor of the Grossman International Conference Center and features sandwich wraps and international and theme cuisines. The Café located in the Feik School of Pharmacy Building and in the offers grab and go sandwiches, salads, beverages, and snack items. A limited selection of hot entrees and soups is also available. The Café located at the Rosenberg School of Optometry serves breakfast tacos, grab and go sandwiches, salads, beverages, and snack items. Most buildings on campus also feature drink and/or snack machines for your convenience.

Intercollegiate Athletics

The University of the Incarnate Word is a member of the National Collegiate Athletic Association (NCAA), Division II. The University offers intercollegiate sports programs in men's and women's cross-country, soccer, basketball, track and field, golf, and tennis. In addition, the University sponsors the intercollegiate sports of volleyball, swimming, and softball for women and baseball for men. Cheerleading is a sponsored program conducted under the Department of Athletics.

All sports offer some athletic scholarship assistance; however, prospective student-athletes are encouraged to complete and mail the Free Application for Federal Student Aid (FAFSA) by February 15th. Incarnate Word's academic scholarships are awarded based upon GPA and SAT/ACT test scores.

All prospective freshmen student-athletes must apply to the NCAA Clearing House for initial eligibility certification. Admission to the University does not constitute or guarantee athletic eligibility certification or participation. Student-athletes must meet all NCAA eligibility criteria in order to become initially eligible and remain eligible for competition.

Since NCAA regulations and rules are subject to change or modification on an annual basis, specific questions regarding athletic eligibility status should be directed to UIW's Compliance Coordinator in the Athletics Office.

Intramural Activities

The University of the Incarnate Word provides a wide range of physical activities to the University community through the intramural and recreation program.

A variety of individual, dual, and team activities are offered in the intramural and recreational programs. Students, faculty, and staff have an opportunity to participate in these recreational and competitive activities as players, officials, scorers, and activity managers.

Student Complaint Policy

The University of the Incarnate Word (UIW) is committed to fostering a learning environment that promotes academic excellence and personal development. Students are encouraged to voice their complaints and concerns in a manner that is respectful of the dignity of the individual, if any, who is the subject of the complaint. It is the policy of UIW that students with complaints are treated honestly and fairly, and that their complaints be handled in a timely manner with regard to resolution of the issue(s) presented. Any UIW student may express a concern or complaint by following these procedures. Please note that UIW explicitly prohibits any member of the UIW community from harassing or retaliating against students who file complaints.

GENERAL GUIDELINES

Complaints are most effectively and efficiently managed by first expressing them to the individual, if any, who is the subject of the complaint. Students are strongly encouraged to first discuss their complaint directly with any such individual involved.

If the complaint involves a policy, procedure, or area of responsibility of a specific administrative department, it should be directed to the supervisor or manager of that department. In each instance of a departmental complaint, the appropriate individual will investigate the complaint, seek a solution, and report back to the student in writing within 10 school days. The department supervisor/manager will keep a record of the decision.

For more information about how to process a complaint or to appeal a decision, the student should contact the appropriate office below.

IV. STUDENT LIFE PROGRAMS

OFFICES TO CONTACT FOR DIFFERENT KINDS OF COMPLAINTS

(a) Course Work Complaints

Students who have complaints about what they believe to be unfair treatment involving their academic work should contact the appropriate College/School Dean.

- College of Humanities, Arts, and Social Sciences, Administration Building 163, CPO 94, (210) 829-6022
- Division of Extended Academic Programs, 3200 McCullough (adjacent to St. Anthony's Catholic High School; CPO 294, (210) 805-5800
- HEB School of Business and Administration, Gorman Business & Education Center, 140, CPO 123, (210) 805-5884
- Dreeben School of Education, Gorman Business & Education Center, 124, CPO 16, (210) 829-2761
- Feik School of Pharmacy, 703 E. Hildebrand, CPO 99, (210) 883-1000
- Ila Faye Miller School of Nursing and Health Professions, Nursing Building Foyer, CPO 300, (210) 283-5093
- Rosenberg School of Optometry, 9725 Datapoint, CPO 373, (210) 883-1194
- School of Media and Design, Administration Building 112, CPO 107, (210) 829-6091
- School of Mathematics, Science, and Engineering, Science Hall, 112, CPO 68, (210) 829-2718
- School of Physical Therapy, 9160 Guilbeau, CPO 412, (210) 283-6472

(b) Other Academic Complaints

Students who have complaints about academic advisement or other issues related to academic policies, procedures, or deadlines should contact the Dean of Student Success, Student Support Center, CPO 96, (210) 805-3005. Students who believe they have received unfair treatment involving their academic work must first meet with their instructor. Unfair treatment applies to any act which may be perceived as either prejudiced or arbitrary in the evaluation of a student's performance, or in the imposition of sanctions without regard for due process. If the complaint is not resolved to the satisfaction of the student, the student shall have the right to appeal a decision in writing to the Dean of the school or college, or a person designated by the Dean, where the instructor resides. The Dean's decision is final and there is no further appeal to another administrative officer. Students may obtain the formal appeals form from the office of the Dean in whose college/school the instructor resides.

IV. STUDENT LIFE PROGRAMS

(c) Administrative Department Complaints

Students, who have complaints about the policies, procedures, or deadlines of an administrative area of UIW, or the personal treatment they have received from an administrative area of UIW, should contact the appropriate major office of UIW.

Admissions, Kathleen Watson Enrollment Center, Room 112, CPO 285, (210) 805-3550

Business Office, Administration Building, Room 190, CPO 291, (210) 829-6088.

Center for Veterans Affairs, Kathleen Watson Enrollment Center, Suite 58, CPO (210) 829-2705

Disability Services, Administration Building, Room 119, CPO 28, (210) 829-3938

Financial Aid, Chapel Building, CPO 308, (210) 829-3912.

Graduate Studies and Research, Administration Building, Room 180, CPO 387, (210) 805-5840

Library, J.E. and L.E. Mabee Library, Room 215, CPO 297, (210) 829-3837.

Registrar, Administration Building, Room 129, CPO 304, (210) 829-6006.

Technology Services, Administration Building, Room 3, CPO 103, (210) 829-3866.

VIOLATIONS OF THE STUDENT CODE OF CONDUCT

Any member of the UIW community, including students, may file a complaint against any student for alleged violations of the UIW Student Code of Conduct by contacting the Dean of Campus Life, Marian Hall Student Center, CPO 306, (210) 829-6034. The Student Code of Conduct can be viewed online at www.uiw.edu/campuslife/documents/uiwstudentcodeofconduct311.pdf. To report a violation of the Student Code of Conduct, go to <http://publicdocs.maxient.com/incidentreport.php?UnivoftheIncarnateWord>.

GENERAL CONCERNS OR COMPLAINTS

Students who have a general complaint regarding UIW policies, procedures, or personnel should contact the Dean of Campus Life, Marian Hall Student Center, CPO 306, (210) 829-6034.

HARASSMENT COMPLAINTS

Students who believe that they have been subjected to harassment or treated in a way that violates UIW's anti-harassment policy (i.e., harassment related to an individual's race, color, sex, religion, national origin, sexual orientation, citizenship status, or disability) by another student, a UIW employee, a contractor, or a visitor to the campus, should immediately report the alleged harassment to the Director of Human Resources, Watson Enrollment Center, Suite 220, (210) 829-6019, or to the Dean of Campus Life, Student Center, CPO 306, (210) 829-6034.

TITLE IX COMPLAINTS

Title IX of the Education Amendments of 1972 is a federal law that prohibits sex discrimination in education. It reads: "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance."

Sex discrimination includes sexual harassment and sexual assault. For more information, go to <http://www.uiw.edu/hr/titleix.html>.

Address Title IX complaints to the Director of Human Resources, Kathleen Watson Enrollment Center, Suite 220, (210) 829-6019.

Mediation Services

Mediation is a process that attempts to establish communication between people having disputes and assists them in finding a mutually acceptable solution. The end result of a successful mediation is that there are neither winners nor losers, but rather, generally satisfied individuals who have arrived at an agreement, which resolves their dispute as they define it. Mediation is a confidential process. The agreements made by the parties involved are non-binding. UIW offers a mediation program designed to assist all members of the UIW community to resolve problems and disputes. Anyone may initiate mediation. To initiate mediation, contact the Counseling Center, Kathleen Watson Enrollment Center, CPO 35, (210) 829-3129.

Student Conduct and Discipline

Membership in the University of the Incarnate Word community is both a right and a privilege. It is a right for those who qualify and a privilege for those willing to accept and abide by the philosophy and standards of the University. As community members, students have the responsibility to abide by the rules and regulations of the community and treat all community members with respect and human dignity.

Each member of the University of the Incarnate Word community is expected to assume responsibility for her/his own conduct, and also feel a reasonable Christian responsibility for the behavior of others. On occasion, this may involve kind, courteous admonition when one member observes another in inappropriate conduct. On another occasion, it may involve cooperation when proper authorities are investigating instances of alleged misconduct.

The University seeks to balance the rules that are necessary to function effectively in an educational community with each individual's right to personal freedom. The University expects each student to behave as a responsible member of an academic community at all times. Community regulations are designed to guide the growth and development of individual responsibility, not to restrict individual freedom. The University's policies on alcohol and drug use, sexual harassment, and other issues are

IV. STUDENT LIFE PROGRAMS

published in the UIW Student Handbook. Continued membership in the University of the Incarnate Word community is contingent upon responsible behavior. The Dean of Campus Life has been delegated primary operational responsibility for student discipline.

University Events and Student Programs

Inherent in the development of each student is the opportunity to learn leadership skills and to participate in campus activities. The Office of the University Events and Student Programs provides students with a wide range of opportunities to participate in campus life. The Student Government Association serves as the representative voice for students, while the Campus Activities Board plans student activities that provide social interaction and celebrate the university community. The Student Center, operated by students, offers a wide range of programming options for students to engage one another in a social environment. There are numerous groups to join, including academic, athletic, honor societies, multicultural, political, professional service, social, special interest and Greek organizations. Other activities offered include leadership workshops, and Cardinal Camp for freshmen and transfer students.

V. Student Success Programs

Student Identification Cards.....	58
Tutoring Services.....	69
Campus Ministry.....	59
Counseling Services.....	59
Health Services.....	59
Student Housing.....	60
University Events and Student Programs.....	66
Food Service.....	61
Intercollegiate Athletics.....	61
Intramural Activities.....	62
Student Complaint Policy.....	62
Mediation Services.....	65
Student Conduct and Discipline.....	65

Rooted in the Incarnate Word traditions of service, educational excellence and the development of the whole person, Student Success collaboratively guides students in their progress to graduation. Student Success is committed to welcoming all students to the UIW community and assisting them in obtaining necessary resources to persist to graduation. Student Success assists students in learning about the UIW Mission and the culture of student engagement. Students are engaged in their learning when they dedicate themselves to coursework that is intellectually and creatively challenging; are active and collaborative in learning both theory and real-life practical applications; make connections between co-curricular campus and community activities and their classroom learning, interact with faculty in a variety of settings; get involved with a variety of campus programs and services. The Student Success Programs include: First Year Engagement and Professional Development , Academic Advising, Learning Assistance Center and various grant programs dedicated to student success. In addition, the Dean of Student Success manages students placed on academic probation status.

Academic Advising

The purpose of the Academic Advising Program is to provide effective guidance to students throughout their academic experience at the University. This is achieved by assisting them to discover and/or enhance their abilities, values and interests in the context of a higher education. All new full-time undeclared students are assigned to the University Advising Center (UAC). The Center has a team of experienced academic counselors who work with undeclared students, particularly during those early semesters of their education that are most critical in their selection of a major. UAC academic counselors guide students through the process of choosing a major and collaborate with them to develop realistic

V. STUDENT SUCCESS PROGRAMS

academic goals that are consistent with their career plans. Throughout the advising process, UAC counselors attempt to enhance students' study habits, critical thinking, problem solving, decision-making and time management skills.

Students who have already selected a major are assigned to a faculty advisor in their chosen field. They work with their assigned advisor until graduation. To maximize their academic experience, students are strongly encouraged to develop a sound relationship with their faculty advisors and utilize their expertise. This can generate extensive benefits before and after graduation. The most important role of academic advisors is to serve as facilitators who help students identify and assess alternatives and consequences of their decisions. However, the ultimate responsibility for making decisions concerning goals and educational plans rests with the individual student.

Academic Placement Testing Requirements

1. Academic Assessment

It is essential that all new undergraduate students begin their academic careers with a strong foundation. To ensure this, UIW places students into the appropriate math and English courses based upon test scores submitted with the application. To view the UIW course placement policy, visit the Admissions website at www.uiw.edu/admissions.

Students who have been placed into MATH 0318 and MATH 0319 may choose to take the math challenge exams at the Learning Assistance Center. These assessments determine readiness to succeed in the University by identifying students' academic strengths and any needs that must be addressed to gain full benefit of a UIW learning experience

12. Competence in English

All students whose grade in Freshman Composition I or II is below C must repeat the course. Students receiving a grade below C in Freshman Composition I may not register for Freshman Composition II until successfully completing Freshman Composition I with a grade of C or higher.

First Year Engagement and Professional Development

This Student Success program collaborates to transition students to the University of Incarnate Word, select an appropriate major and develop skill sets needed to progress in professional environments while make connections with potential employers and internship opportunities.

FIRST YEAR ENGAGEMENT (FYE)

FYE is dedicated to promoting the success of first-year students by enhancing student engagement. FYE assists students with finding answers to questions that will lead to their academic success. First-year students learn to understand that "you own your education", which

V. STUDENT SUCCESS PROGRAMS

introduces self-responsibility and an awareness of the path to success. FYE advisors assist first year students in gaining time management & study skills to achieve academic success, selecting a major, developing a sense of community through campus involvement, identifying campus Resources and matching with a peer mentor.

PROFESSIONAL DEVELOPMENT AND CAREER SERVICES

The staff of these offices offers a variety of programs to educate, develop and assist students in understanding professional opportunities within their fields of study. Students and alumni develop effective job-seeking skills and techniques through professional development programs addressing effective cover letter writing and mail campaigns, resume development and interview skills training. The office of Professional development also offers assessment on understanding your major as well as personality assessment with career interpretations. The Office of Career Services coordinates visits by representatives from business and industry, prepares students nearing graduation, as well as alumni to enter the professional environment. The office also coordinates internship opportunities with the academic programs.

Tutoring Services

Our free services include tutoring, PASS-UIW and Study Hall for UIW undergraduate students.

Tutoring, one-on-one and in groups, is offered in business, science, foreign language and other humanities courses. We also offer sessions in time management and study skills.

PASS-UIW is a Peer Assisted Study Sessions Program for the sciences. Leaders facilitate the students' collaborative learning through review of difficult content, practicing problem solving, and learning how to study for the course. Sessions start at the beginning of the semester. Information on the sessions for specific courses is posted on our website at www.uiw.edu/lac.

Study Hall is an opportunity for students to study and do homework in a relaxed environment. The calendar for Study Hall is published on our website.

TUTORING SERVICES is located in the main campus, Administration Building, room 206.

Tutoring in writing is available through the Writing and Learning Center also located in AD 206.

Tutoring in math is available through the Math Lab located in the Bonilla Science Hall 222.

Satisfactory Academic Progress

Compliance with the rules for satisfactory academic progress is expected of all students. Students who receive financial aid must comply with financial assistance policies on satisfactory academic progress as described in the Financial Aid Section.

A full-time student who fails to complete nine semester hours in one semester may be issued a warning for failure to make satisfactory academic progress. In the subsequent semester, a full-time student who has been given a warning and who again fails to complete nine semester hours will be placed on academic probation for failure to make satisfactory academic progress. A full-time student who in three consecutive semesters fails to complete nine semester hours will be placed on enforced withdrawal for failure to make satisfactory academic progress. Appeals will follow the enforced withdrawal procedure.

ACADEMIC STANDING FOR MAIN CAMPUS STUDENTS

Probation

Full time students who have an institutional cumulative GPA of less than 2.0 will be placed on scholastic probation. Students on scholastic probation must meet with an advisor from the Office of the Dean of Student Success and complete a learning contract that maps specific requirements for the subsequent semester. Learning contracts may limit the hours of enrollment, require the student to attend tutoring sessions and/or have other stipulations that the advisor has determined will assist the student in his/her path to graduation. The contract must be signed by the student and the Dean of Student Success by the end of the second week of classes of the semester that the student is on scholastic probation. If a student does not complete the contract and/or satisfy the terms of the contract, the student may not be allowed to continue enrollment at the University of the Incarnate Word. This decision will be made by the Dean of Student Success and the Provost of the University. Students and their academic advisor will be notified of their academic standing at their official University Cardinal e-mail address.

Suspension

Students who earn a semester GPA of less than 2.0 in two consecutive semesters and have a cumulative institutional GPA of less than 2.0 will be suspended from the University of the Incarnate Word. Notification of suspension will be sent from the office of the Dean of Student Success to the student's official University Cardinal e-mail address. Students who are on suspension from the University will be withdrawn from all classes and will not be allowed to register for subsequent semesters. Students on suspension may apply for readmission after one year of productive activity, preferably academic. Readmission requires the approval of the Committee on Admission in consultation with the Dean of Student Success. If readmission is granted, the student will be conditionally admitted and will need to complete a learning contract. A student may appeal the Suspension status by sending a letter to the Dean of Student

V. STUDENT SUCCESS PROGRAMS

Success. All appeals will be reviewed by the Dean of Student Success and the Provost or the Academic Dean of the School or college of the student's major. The student will be notified of the appeal decision by an e-mail from the Office of the Dean of Student Success.

Students who are required to withdraw from the University may apply for readmission after one year of productive activity, preferably academic. Such readmission requires the approval of the Committee on Admission in consultation with the Vice President for Academic and Student Affairs. If readmission is granted, the student will be on scholastic probation, with enrollment limited to 12-13 semester hours for full-time students.

Part-time students who fail to earn a C (2.0) in any six semester hours out of 12 semester hours attempted may be required to withdraw from the University. Part-time students enrolled for at least six credits and with a GPA below 2.0 may be placed on probation.

In special circumstances, a student who is placed on enforced withdrawal:

2. May appeal the action and be allowed to register the following semester after appropriate review and approval from the Dean of Student Success and Provost.
13. The Dean of Student Success and Provost may mandate any specific conditions deemed appropriate.
14. If, at any time, during that semester the student has not satisfied the conditions stipulated, he or she may be required to withdraw from the University.

ACADEMIC STANDING FOR ADCAP AND UIW ONLINE STUDENTS

Probation

Full time students who have an institutional cumulative GPA of less than 2.0 will be placed on scholastic probation. Students who wish to continue at the University must have subsequent terms where their GPA is above 2.0. If not, the student may not be allowed to continue enrollment at the University of the Incarnate Word. Students will be notified of their academic standing at their official University Cardinal e-mail address.

Suspension

Students who earn a term GPA of less than 2.0 in two consecutive terms and have a cumulative institutional GPA of less than 2.0 will be suspended from the University of the Incarnate Word. Notification of suspension will be sent from the dean of ADCaP or UIW Online. Students who are on suspension from the University will be withdrawn from all classes and will not be allowed to register for subsequent semesters. Students on suspension may apply for readmission after one year of productive activity, preferably academic. Readmission requires a letter from the student indicating what they have done in the year off and how they are now prepared to be successful, as well as an application for readmission. If readmission is granted, the student will be conditionally

V. STUDENT SUCCESS PROGRAMS

admitted and will be expected to maintain a GPA of 2.0 or greater in subsequent terms. A student may appeal the Suspension status by sending a letter to the Dean of ADCaP or UIW Online, as appropriate. The student will be notified of the appeal decision by an e-mail from the Office of the Dean of ADCaP or UIW Online.

Student Disability Services

The University of the Incarnate Word is committed to providing a supportive, challenging, diverse and integrated environment of all students. In accordance with Section 504 of the Rehabilitation Act – Subpart E and Title III of the Americans with Disabilities Act, the University ensures accessibility to its programs, services and activities for qualified students with documented disabilities. This is accomplished through a variety of accommodations and services tailored to meet each student's needs and strengths. To qualify for services, the student must provide the Office of Student Disability Services with appropriate documentation of his/her disability.

For information, contact the Student Disability Services Office AD-117
Phone (210) 805-5813 Fax: (210) 805-5895.

VI. Undergraduate Academic Regulations and Institutional Policies

Credit by Examination, Certification, or Correspondence Policies	74
Brigham Young University Challenge Examinations.....	75
Challenge Examinations	76
College Level Examination Program (CLEP)	76
DANTES/DSST Examinations	77
Professional Certification Credits	81
University Board Advanced Placement Program (AP).....	81
Degree Requirements.....	83
Institutional Requirements for the Baccalaureate Degree	83
Core Curriculum	84
Application for the Degree.....	89
Major	89
Minor, Interdisciplinary Concentration, or Specialization	89
Second Major	90
Second Baccalaureate Degree	90
Enrollment and Attendance Policies	91
Academic Advising	67
Academic Load.....	91
Academic Placement Testing Requirements	68
Academic Overload	92
Attendance	92
Auditing	93
Correspondence Work	94
Independent Study Work.....	94
Inter-Institutional Work	94
Schedule Adjustment	95
Study Abroad Enrollment	98
Study at Another Institution	98
Grades and Academic History Policies	99
Academic Integrity Policy	99
Dean's List.....	102
Honor Societies.....	102
System of Grading.....	102
Honor Points.....	104
Satisfactory Academic Progress	70
Repeat Policy	104
Graduation Policies.....	106
Bulletin for Graduation	107
Graduation Completion Policies.....	107
Graduation Honors	109
Participation in Commencement Ceremonies.....	109
Student Educational Records and Student Privacy.....	110
Educational Records Fee.....	110
Educational Records	110

Educational Record Review	110
Educational Records on Campus.....	110
Educational Record Revision	111
Educational Record and Student Confidentiality.....	111
Transcripts.....	112

Academic regulations and institutional policies apply to all students, regardless of the degree program, and provide direction for consistent application of institutional policies. The provisions of this Bulletin, thus academic regulations and institutional policies, are subject to change without notice. Changes in Undergraduate Bulletin rules and regulations, other than course and GPA requirements for a degree become effective immediately upon approval by the proper University authorities and are not subject to the “Undergraduate Bulletin of Graduation” rule cited in the Graduation Policies section in this chapter.

Students are responsible for knowing all of the policies posted in this Bulletin.

Credit by Examination, Certification, or Correspondence Policies

University of the Incarnate Word recognizes credits earned by examination, certification, or correspondence based on the concept that learning may be acquired from different sources of knowledge. Students must complete the “Request for Credit by Examination” form before they attempt the test. The policies follow:

- A maximum of 30 semester credit hours may be earned through examination, professional certification, prior learning experience, or in combination with correspondence work (which is limited to 12 semester hours).
- Credit granted through examinations may not be used to fulfill residency requirements for associate or baccalaureate degrees.
- Credit may not be granted when the examination duplicates University credits previously earned or when the student has credit for courses at a more advanced level than that of the examination.
- Credit earned by examination will be posted to the student’s academic record after the student enrolls for credit at the University of the Incarnate Word. If an unsatisfactory score is achieved, the examination is not reflected on the student’s academic record.
- An examination may be attempted no more than twice. No test may be repeated until a minimum of six months has elapsed between each attempt.
- The type of examination, course title, and credit hours awarded and a grade of S will be recorded. No other grades will be recorded.

CREDIT BY EXAMINATION, CERTIFICATION, OR CORRESPONDENCE POLICIES

- Credits earned through examination are counted as “transfer” work and do not satisfy residency requirements, either for the major or institutional.
- Credit by examination may not be earned during the semester in which the student intends to graduate.

Brigham Young University Challenge Exams

The Brigham Young University Foreign Language Achievement Testing Service (BYU-FLATS) challenge exams were created to provide students who have acquired a certain level of proficiency in the language an opportunity to receive credit by examination. The tests are achievement tests, not global proficiency tests. As such, they are designed to measure a student's performance against specific course-related criteria. They are designed to test listening, comprehension, reading comprehension, and grammatical accuracy. The exams are designed to evaluate a student's ability in conjunction with the first three semesters of a language trace (i.e., 101, 102, and 201 at BYU, which correspond to the 1311, 1312, and 2311 languages taught at UIW).

All tests are proctored and the testing materials are sent to the UIW Testing Center. It is the student's responsibility to make the necessary arrangements with the UIW Testing Center to take the test.

For a complete list of available tests, refer to <https://flats.byu.edu> and select the "online tests available to all other students" link.

BYU-FLATS Test Name	Credit	Course Equivalent
101, First-Semester Conversation and Grammar	3	1311
101 and 102, Second Semester Conversation and Grammar	6	1311 and 1312

BYU-FLATS Challenge Exam Policies:

- Credit is awarded as P/F and no other letter grade will be awarded.
- Credit is limited to a maximum of 6 semester hours, depending upon the score.
- The BYU-FLATS challenge exams cannot be used to test out of French, German, or Spanish. Refer also to the Credit by Examination policies cited earlier in this section for language tests offered through that program.
- Refer also to the Credit by Examination policies cited earlier in this section.

NOTE: Exams are subject to review and modification without notice.

Challenge Examinations

Only students enrolled in a degree program at the University of the Incarnate Word are eligible to apply for challenge examinations. These examinations may be taken only if approved by the faculty member who will administer the test and the Dean of the school or college over the discipline involved. The examination may be taken only once and must be completed with a minimum grade of C (a grade of S will be recorded if the minimum is achieved). Challenge Examination application forms are available in the Registrar's Office. The fee, 40% of the tuition for the course being challenged, is payable in advance.

College Level Examination Program (CLEP)

The College Level Examination Program (CLEP) provides two types of examinations: 1) General Examinations and 2) Subject Examinations that are available in a variety of disciplines. The University of the Incarnate Word does not award credit for General Examinations. Subject examinations recognized for credit are listed below. Students interested in these examinations should contact personnel in the Testing Center for information regarding costs, testing dates, and procedures for having test scores submitted for consideration for credit. The University faculty in each discipline area sets standards for satisfactory credit. In some instances, the required score will be slightly above the ACE recommendations.

Refer also to the Credit by Examination policies cited earlier in this section.

CLEP Test Name	Score	Credit	Course Equivalent
American Government	50	3	GOVT 1315
American Literature	50	3	ENGL 3320
Analyzing and Interpreting Literature		Not Accepted	
Biology	50	4	BIOL 1402 or 1403
Calculus	50	3	MATH 2312
Chemistry	50	3	CHEM 1301/1101
College Algebra	50	3	MATH 1304
College Composition with Essay (essay required)	50	3	ENGL 1311
College Composition Modular		Not Accepted	
		(See College Composition)	
College French Language	43	3	FREN 1311
	50	6	FREN 1311, 1312
College German Language	43	3	GERM 1311
	50	6	GERM 1311, 1312
College Mathematics		Not Accepted	
College Spanish Language	43	3	SPAN 1311
	50	6	SPAN 1311, 1312

CREDIT BY EXAMINATION, CERTIFICATION, OR
CORRESPONDENCE POLICIES

English Composition		Not Accepted (See College Composition)
English Composition with Essay		Not Accepted (See College Composition)
English Literature	50	3 ENGL 3310

(NOTE: ENGL 1312 is a required course that cannot be completed through a CLEP exam)

Financial Accounting		Not Accepted
History of the US I	50	3 HIST 1321
History of the US II	50	3 HIST 1322
Human Growth and Development		Not Accepted
Humanities	50	3 Elective
Information Systems and Computer Applications	50	3 MIS 2321
Intro/Educational Psychology	50	3 Elective
Introductory Business Law	50	3 BLAW 3317
Introductory Psychology	50	3 PSYC 1301
Introductory Sociology		Not Accepted
Natural Sciences		Not Accepted
Precalculus	50	3 MATH 1311
Physical Sciences	50	3 Science Elective
Principles of Macroeconomics	50	3 ECON 2301
Principles of Microeconomics	50	3 ECON2302
Principles of Management	50	3 BMGT 3340
Principles of Marketing	50	3 BMKT 3331
Principles of Microeconomics	50	3 ECON 2302
Social Sciences and History	50	3 HIST 1311 or 1321
Western Civilization I	50	3 HIST 1311
Western Civilization II	50	3 HIST 1312

NOTE: Exams are subject to review and modification without notice.

DANTES/DSST Examination Program

These are an extensive series of examinations in university subjects that are comparable to the final or end-of-course examination in particular undergraduate courses. Students should contact personnel in the Testing Center for more information about these examinations.

Refer also to the Credit by Examination policies cited earlier in this section.

DANTES Test Name	Score Required	Course Equivalent
A History of the Vietnam War	44	HIST Elective
An Introduction to Modern Middle East	47	HIST Elective
Astronomy	48	GEOL 1415

CREDIT BY EXAMINATION, CERTIFICATION, OR
CORRESPONDENCE POLICIES

Business Ethics and Society	46/400	PHIL 3333**
Criminal Justice	400	CRJU 1311 or CRIJ 1301
Ethics in America	46/400	PHIL 3333 **
Fundamentals of Counseling	45	PSYC Elective
General Anthropology	47	ANTH 1311
Human/Cultural Geography	48	GEOG Elective
Human Resource Management	46	BMGT 3354
Introduction to Business	46/400	BMGT Elective
Introduction to Computing	45/400	MIS Elective
Introduction to Modern Middle East	47	HIST Elective
Introduction to World Religions	400	Elective
Management Information Systems	46/400	MIS 2321
Organizational Behavior	48	BMGT 4355
Physical Geology	46	GEOL 1401
Principles of Finance	47	BFIN 3321
Principles of Financial Accounting	49	ACCT 2311
Principles of Statistics	48/400	MATH 2303
Principles of Supervision	46/400	BMGT Elective
Western Europe Since 1945	45	HIST Elective

** Does not satisfy advanced level requirement

The following DANES/DSST exams are not accepted for credit:

Art of the Western World	Not Accepted
Business Law II	Not Accepted
Business Mathematics	Not Accepted
Environment and Humanity	Not Accepted
Foundations of Education	Not Accepted
Fundamentals of College Algebra	Not Accepted
Here's to Your Health	Not Accepted
Introduction to Law Enforcement	Not Accepted
Life-Span Developmental	Not Accepted
Psychology	Not Accepted
Money and Banking	Not Accepted
Personal Finance	Not Accepted
Principles of Physical Science I	Not Accepted
Principles of Public Speaking	Not Accepted
Rise and Fall of the Soviet Union	Not Accepted
Substance Abuse	Not Accepted
Technical Writing	Not Accepted
The Civil War and Reconstruction	Not Accepted

Note: Exams are subject to review and modification without notice.

International Baccalaureate Program (IB)

The University of the Incarnate Word will grant up to 24 semester hours of credit to students who successfully complete the International Baccalaureate Diploma Program and receive a score of 4 or higher. Non-

CREDIT BY EXAMINATION, CERTIFICATION, OR
CORRESPONDENCE POLICIES

IB diploma holders may receive credit based upon receiving a score of 4 or higher on the higher-level exams.

Refer also to the Credit by Examination policies cited earlier in this section.

IB Test Name	Score	Credit	Course Equivalent
Biology (HL)	5	4	BIOL 1401
	6	8	BIOL 1401, 1402
Chemistry (HL)	5	3	CHEM 1301
	6	8	CHEM 1301, 1302, 1203L
Chinese Language (HL or SL)	4	6	CHIN 1311, 1312
Computer Science (HL or SL)	4	3	CIS 1000
Economics (HL)	4	6	ECON 2301, 2302
English Language A1 (HL)	4	3	ENGL 1311
Environmental Systems (SL)	4	3	ENSC 1000
French Language B (HL or SL)	4	6	FREN 1311, 1312
	5	9	FREN 1311, 1312, 2311
	6	12	FREN 1311, 1312, 2311, 2312
German Language B (HL or SL)	4	6	GERM 1311, 1312
Geography (HL or SL)	4	3	GEOG 3311
History, European (HL)	4	3	HIST 1311
History, African	3	3	HIST 2000
History, American (HL)	4	3	HIST 1321
	5	3	HIST 1321, 1322
History, East and South East Asia	4	3	HIST 2000
History, Islamic History (HL)	4	3	HIST 2000
History, Sout Asia and Middle East (HL)	4	3	HIST 2000
Italian Language B (HL or SL)	4	6	ITAL 1311, 1312
Japanese Language B (HL or SL)	4	6	JAPN 1311, 1312
Mathematics (SL)	4	3	MATH 1304
Mathematics (HL)	5	6	MATH 1304, 1311
Music (HL or SL)	4	3	MUSI 1000
Philosophy (HL)	5	3	PHIL 1381
Physics (HL)	5	4	PHYS 2305, 2105
	6	8	PHYS 2305, 2105, 2306, 2106
Psychology (HL)	5	3	PSYC 1301
Russian Language (HL or SL)	4	6	Foreign Language I and II
Social and Cultural Anthropology (HL or SL)	5	3	ANTH 1311
Spanish Language B (HL or SL)	4	6	SPAN 1311, 1312
	5	9	SPAN 1311, 1312, 2311
	6	12	SPAN 1311, 1312, 2311, 2312

CREDIT BY EXAMINATION, CERTIFICATION, OR
CORRESPONDENCE POLICIES

Theatre Arts (HL or SL)	4	3	THAR 1000
Visual Arts (HL or SL)	4	3	ARTS 1000

NOTE: Exams are subject to review and modification without notice.

Prior Learning Assessment Credits

Prior Learning Assessment (PLA) is based upon the theory that learning occurs in a variety of settings, within and beyond the classroom, and that students bring various learning experiences from their life, work, and their service to their community. PLA is a method of documenting students' experiences and a process to facilitate the student's demonstration of their understanding of theory and application as they pertain to specific discipline competencies. PLA is validated in a variety of methods: military training, professional certification, credit by examination (AP, CLEP, DANTES), challenge examinations, and portfolio evaluation.

PORTFOLIO EVALUATION POLICIES:

- Portfolios may not be submitted for any course for which equivalent tests (AP, CLEP or DSST/DANTES) or challenge examinations exists.
- Students may apply a maximum of 24 credit hours earned through portfolio evaluation toward a bachelor's degree.
- A maximum of 30 semester hours may be earned in combination of PLA, correspondence, credit by examination, or challenge examination.
- The credits awarded by PLA will not count as residency or toward the required 36 upper division credits.
- Because of the time required for submission and evaluation, students may NOT submit a portfolio evaluation request during their last semester.
- Students will pay \$125 per credit requested for the submission, evaluation, and award of portfolio credits in addition to the cost of the three-hour portfolio course. Payment of the PLA evaluation fee must be submitted with the evaluation request.
- PLA credit will not be awarded for a course in which the student has previously earned either credit or a grade (to include an F, W, AU, P/S, or I/IP).
- PLA credit will not be granted when the student has credit for courses at a more advanced level than that of the UIW course requested.
- Credit will be awarded only if the course and/or credit is required for the degree or when elective credits are needed to reach the requisite hours required for the degree.
- Credit will only be awarded for courses which are offered at UIW.
- PLA credits are only applicable to the undergraduate programs.
- The UIW equivalent course title and credit hours awarded and a grade of S will be recorded. No other grades will be recorded.

CREDIT BY EXAMINATION, CERTIFICATION, OR CORRESPONDENCE POLICIES

- PLA credits may not apply toward all degree programs and the acceptance of PLA credits is contingent upon departmental approval.

ELIGIBILITY FOR PORTFOLIO EVALUATION:

- Students who have earned at least 24 college-level credit hours in total may submit a portfolio. The objective is for students to present a paper worthy of the level of credit we are assessing. A student with this number of credits should have completed their composition courses as well as other courses that will produce a well-written portfolio using a logical and thoughtful process.
- Students must be enrolled at UIW, have all official transcripts on file and articulated, and complete 12 credit hours of UIW coursework before submitting a portfolio for evaluation.
- Students may start the portfolio process before the completion of 12 hours, but the portfolio may not be submitted for official review until the student has accumulated a minimum of 12 credit hours at the University.

Professional Certification Credits

Credit may be awarded for completion of educational programs conducted for business and industry. After matriculation, credit will be determined on an individual basis, dependent upon UIW equivalence and upon current American Council on Education credit recommendations. The student must petition for credit through the Registrar who confers with the appropriate discipline faculty and Dean. A maximum of 30 semester hours may be earned by professional certification or in combination with correspondence or credit by examination. A fee of \$50.00 will be charged per course. After matriculation, students must obtain their Advisor and Dean's approval to transfer such credits to UIW.

University Board Advanced Placement Program (AP)

The Advanced Placement (AP) Program is sponsored by the University Board and offers secondary school students the opportunity to participate in challenging university-level course work with the potential of receiving university credit. The University of the Incarnate Word requires a minimum score of "3" for award of credit. Official score reports should be sent to the Registrar, who will evaluate the report and determine the amount of credit, based upon the recommendation by the discipline faculty, and grade to be awarded. In most cases, the ACE recommendation will be used. Students must complete the AP examination to receive credit. Credit will not be awarded for participation in an AP program without completion of the AP examination.

Refer also to the Credit by Examination policies cited earlier in this section.

CREDIT BY EXAMINATION, CERTIFICATION, OR
CORRESPONDENCE POLICIES

AP Test Name	Score	Credit	Course Equivalent
Art, History of Art	3	6	ARTH 2361/2362
Art, Studio Art Drawing Portfolio or General Portfolio	3	6	ARTS 1301/2301
Biology	3	8	BIOL 1401/1402
Chemistry	3	8	CHEM 1301 CHEM 1302/1203L
Economics/Macroeconomics	3	3	ECON 2301
Economics/Microeconomics	3	3	ECON 2302
English Language and Composition	3	6	ENGL 1311/2365
English Literature and Composition	3	6	ENGL 1311/2310
Environmental Science	3	3	ENSC Elective
French Language	3	6	FREN 1311/1312
French Literature	3	6	Elective
German Language	3	6	GERM 1311/1312
Government and Politics/Comparative Government and Politics/United States	3	3	GOVT 2310 GOVT 1315
History/European	3	6	HIST 1311/1312
History/United States	3	6	HIST 1321/1322
Latin/Vergil	3	6	Modern Language I and II
Latin/Latin Literature	3	6	Modern Language I and II
Mathematics/Calculus AB	3	3	MATH 2312
Mathematics/Calculus BC	3	3	MATH Elective
Mathematics/Statistics	3	3	MATH 2303
Music Theory	3	6	MUSI 1321/1322
Physics B	3	8	PHYS 1301/1101 PHYS 1302/1102
Physics C/Mechanics	3	4	PHYS 2305/2105
Physics C/Electricity and Magnetism	3	4	PHYS 2306/2106
Psychology	3	3	PSYC 1301
Spanish Language or Literature	3	6	SPAN 1311/1312
	4	9	SPAN 1311, 1312, 2311
	5	12	SPAN 1311, 1312, 2311, 2312

Note: Exams are subject to review and modification without notice.

Degree Requirements

Degrees are composed of a University Core Curriculum, documented Community Service participation, requirements for the major (as well as supportive courses or courses as part of a required minor), and elective courses to equal the total hours required for a degree. The institutional policies governing these areas are listed below. Specific requirements for the major and their associated support or minor requirements are listed within the disciplines section of this catalog.

Institutional Requirements for the Associate Degree

1. Completion of a minimum of 64 semester hours of course credit, with a minimum GPA of 2.0. Academic Literacy courses (developmental or ESL, orientation, etc.) will not count toward this requirement. Some degree programs require more than 64 semester hours of credit.
2. Completion of a minimum of 30 semester hours of course work at the University of the Incarnate Word.
3. Completion of 24 of the last 30 semester hours for the degree at the University of the Incarnate Word.
4. Completion of the Core Curriculum. Some degree programs require a grade of C or higher for Core Curriculum courses that are required for those programs. A minimum grade of C is required in ENGL 1311, ENGL 1311L and ENGL 1312, regardless of the program.
5. Completion of a major and any related requirements. Specific requirements for each major will be found in the Undergraduate Program section of this Bulletin. A minimum grade of C is required in all courses needed to fulfill the major, concentration, specialization, minor, and support work, where required.
6. Completion of sufficient elective courses to fulfill the total number of hours required for graduation (64).
7. Completion of 22 clock hours (non-credit) of Community Service is required for the associate degree. Community Service hours must be completed and documented in the Registrar's Office before you apply to graduate or be attached to the application for graduation.
8. Payment of all outstanding bills and return of University equipment and library books.

Institutional Requirements for the Baccalaureate Degree

1. Completion of a minimum of 120 semester hours of course credit, with a minimum GPA of 2.0. Academic Literacy courses (developmental or ESL, orientation, etc.) will not count toward this requirement. Some degree programs require more than 120 semester hours of credit.
2. Completion of a minimum of 36 semester hours of credit in upper division courses (3000 level and above).
3. Completion of a minimum of 45 semester hours of course work at the University of the Incarnate Word. Of these, 12 semester hours must be in upper division courses in the major field.

DEGREE REQUIREMENTS

4. Completion of 36 of the last 45 semester hours for the degree at the University of the Incarnate Word.
5. Completion of the Core Curriculum. Some degree programs require a grade of C or higher for Core Curriculum courses that are required for those programs. A minimum grade of C is required in ENGL 1311, ENGL 1311L and ENGL 1312, regardless of the program.
6. Completion of a major and any related requirements. Specific requirements for each major will be found in the Undergraduate Program section of this Bulletin. A minimum grade of C is required in all courses needed to fulfill the major, concentration, specialization, minor, teaching field and additional support work required by the major.
7. Completion of sufficient elective courses to fulfill the total number of hours required for graduation (120).
8. Completion of 45 clock hours (non-credit) of Community Service is required for the baccalaureate degree. Community Service hours must be completed and documented in the Registrar's Office before you may apply to graduate or be attached to the application for graduation.
9. Payment of all outstanding bills and return of University equipment and library books.

Core Curriculum

The Core Curriculum of University of the Incarnate Word is, as the name implies, the heart or center of the undergraduate educational experience. The Core Curriculum is an integrated and sequenced course of study dictated by the traditional concept of liberal arts education. It includes a carefully devised study of rhetoric (intelligent reading and correct writing), philosophy, theology, literature and the arts, mathematics and the natural sciences, history, the behavioral and social sciences, language, and wellness.

Unique to the University's approach to the liberal arts, however, is a conscious emphasis on integrating their content elements. This emphasis is rooted in the experience of the academic community that knowledge is not acquired in isolated elements and that wisdom derives from an exploration of truth in all its aspects. A whole person is an organism of body, mind, emotions, and spirit and comes to know truth by way of the physical, mental, emotional, spiritual, and aesthetic exploration of reality.

In addition to the content of the liberal arts and their integration, the Core Curriculum addresses itself to the major processes identified as requisites for success as an effective participant in the contemporary world, namely, critical thinking and learning, social interaction, wellness development, values formation, and ethical decision making. Because its mission, founded in the Catholic tradition, is based on the premise of a sound faith relationship between the creature and the Creator, the University of the Incarnate Word includes in its Core a study of religion.

The core is a common experience for all UIW students and represents a major vehicle for transmitting the mission values of the University. The Core and Major (specialized curriculum in a particular field of study) are

DEGREE REQUIREMENTS

intended to assure that every student accomplishes ten broad educational goals. Objectives under each goal specify learning outcomes to be developed by all undergraduates who complete a degree at UIW. Students are expected to develop knowledge, attitudes, skills, and values in each of the following goal areas:

1. **Critical and Creative Thinking:** to analyze information logically and to utilize and transform knowledge in fair-minded, purposeful, and imaginative ways.
2. **Effective Communication:** to write and speak clearly and persuasively and to convey meaning effectively in non-verbal contexts.
3. **Media/Technology:** to understand the benefits and limitation of technology and media and how to use them in socially positive ways.
4. **Research:** to synthesize the gathering, evaluating, and interpreting of data in a study or creative work that can be shared with a community of scholars.
5. **Global and Historical Consciousness:** to understand and be sensitive to the ways humans have been influenced by cultural, religious, and ethnic traditions, by economic forces, and by environmental opportunities and limitations.
6. **Aesthetic Engagement:** to realize the significant role that aesthetic experience and the visual/performing arts play in shaping meaningful lives.
7. **Quantitative/Scientific Analysis:** to use mathematical reasoning and the scientific method to address issues in an increasingly complex, technological world.
8. **Social Justice:** to use ethical decision-making skills to evaluate the consequences of personal behavior as well as the policies and practices of groups and systems.
9. **Professionalism:** to develop leadership qualities that help achieve personal goals and contribute to the good of society through work.
10. **Integration/Spirituality:** to understand the importance of developing as a whole person who is spiritually mature and dedicated to being a productive and responsible citizen.

Appropriate assessment strategies will determine student success in achieving the outcomes under these goals and demonstrate that UIW is accomplishing its educational mission. By this means, UIW offers its students the opportunity to grow as self-fulfilled human beings and competent professionals dedicated to service.

The Core Curriculum is comprised of specific courses from designated disciplines, a Community Service component and demonstrated computer competence. The requirements for each are described below.

1. Core Curriculum Course Listing

Rhetoric: 6 semester hours.

ENGL 1311 or Composition I or
1311L Composition I with Lab
ENGL 1312 Composition II

These courses must be completed with a minimum grade of C.

DEGREE REQUIREMENTS

Wellness Development: 3 semester hours.

DWHP 1200 or 3200 Dimensions of Wellness, and a 1-semester hour lifelong physical activity course. DWHP is normally taken during the student's first year of study. Transfer and adult returning students take DWHP 3200. ADCaP and Online students take DWHP 3300.

Philosophy: 3 semester hours.

PHIL 1381 or Introduction to Philosophy or
PHIL 1381H The Intellectual Quest (Honors students only)

Religious Studies in the Core Curriculum: 3 semester hours

The required course must be chosen from among the following courses.

First course options:

RELS 1305 Introduction to Theology and Ethics
RELS 1315 Origins of Christianity
RELS 1325 The Religious Quest or
RELS 1335 Spirituality and Prayer

Honors students may also use RELS 1327H, Theological Anthropology

Religious Studies/Philosophy Selection: 3 semester hours

Any advanced (3000 or 4000 level) three-hour RELS or PHIL course. Students may take any Religious Studies course provided that they meet prerequisites for the course.

Literature: 3 semester hours.

ENGL 2310 World Literature Studies

Fine Arts: 3 semester hours.

Any three-hour Performance or History course in Visual Art, Dance, Music, or Theatre (Computer Graphic Arts courses will not satisfy this requirement).

Mathematics: 3 semester hours.

Course selection based on degree requirements.

MATH 1304 College Algebra or
MATH 1306 College Geometry or
MATH 1308 Finite Math or
MATH 2303 Introduction to Probability and Statistics or
an appropriate higher level math course

Before a student can enroll in MATH 1304, MATH 1306, MATH 1308, or MATH 2303, any requirements for developmental courses in mathematics or for mathematics placement must be completed successfully with a grade of C or better. Students are encouraged to complete the mathematics requirement during the first year of study. Refer to your major program of study information, later in this catalog, for specific information related to the mathematics requirements for your major.

Natural Sciences: 4 semester hours.

Students may choose one of the following:

BIOL 1401 Diversity of Life and Lab

DEGREE REQUIREMENTS

BIOL	1402	Unity of Life and Lab
BIOL	2321/2121	Anatomy and Physiology and Lab
CHEM	1301/1101	Chemical Principles I and Lab
CHEM	1405	Science in Everyday Life
ENSC	1410	Introduction to Environmental Science
ENSC	3420H	Human Dominated Ecosystems (Honors Students Only)
GEOL	1401	Physical Geology
GEOL	1402	Historical Geology
GEOL	1415	Astronomy
GEOL	1420	Oceanography
METR	1430	Meteorology
NUTR	2400	Environmental Nutrition
PHYS	1301/1101	General Physics I and Lab
PHYS	2305/2105	Physics I and Lab
PHYS	2308/2108	Physical Science and Lab

History: 3 semester hours.

HIST	1311	World History I
HIST	1312	World History II
HIST	1321	The United States to 1865
HIST	1322	US Since 1865
HIST	3310H	Inquiries into Human Stories of the Modern World (Honors Students Only)

Social Science: 3 semester hours

Students may choose one of the following:

ANTH	1311	Cultural Anthropology
CLST	2315	Introduction to Cultural Studies
CRIJ	1301	Introduction to Criminal Justice
CRJU	1311	Introduction to Criminal Justice
PSYC	1301	Introduction to Psychology
SOCI	1311	Introduction to Sociology
SOCI	4310H	Social and Political Thought (Honors Students Only)
ECON	2301	Principles of Macroeconomics
GOVT	1315	American Politics
GOVT	1316	State and Local Politics
GOVT	4310H	Social and Political Thought (Honors Students Only)

Modern Language: 6 semester hours.

Six semester hours in one language (or American Sign Language) other than English

2. Community Service Requirement

A total of 45 clock hours (non-credit) are required for all baccalaureate degrees. Associate degrees require 22 clock hours (non-credit) of Community Service. Students may satisfy this graduation requirement by: (1) selecting volunteer opportunities posted by Campus Ministry, or (2) taking courses designated in the University schedule as service-learning

DEGREE REQUIREMENTS

courses, or (3) a combination of volunteer opportunities and service-learning courses. Students are encouraged to discuss with their advisors, early in their university experience, the options for fulfilling the community service requirement and the method of documenting their service.

Students should complete their Community Service hours by the end of the junior year. Community Service hours must be completed and documented in the Registrar's Office before you apply to graduate or documentation must be attached to the application for graduation.

First Year (FY) Target Core Courses

The University of the Incarnate Word has identified specific goals for the first year student which are designed to help students transition to college and achieve academic success. These goals have been intentionally integrated as outcomes and experiences into first year courses identified as FY Target Core Courses. The Target Core courses are:

MATH	0318	Introduction to Geometry/Probability and Statistics
MATH	0319	Introductory Algebra
DWHP	1200	Dimensions of Wellness
MATH	1304	College Algebra
MATH	1306	College Geometry
MATH	1308	Finite Math
ENGL	1311 or 1311L	Composition I or Composition I with Lab
PHIL	1381	Introduction to Philosophy
Plus introductory Religious Studies courses from the following:		
RELS	1327H	Theological Anthropology (Honors students only)
RELS	1305	Introduction to Theology and Ethics
RELS	1315	Origins of Christianity
RELS	1325 or 1327H	The Religious Quest or Theological Anthropology (Honors Students Only)
RELS	1335	Spirituality and Prayer

First year students at the University of the Incarnate Word are expected to take a minimum of four of these courses during their first two semesters at the University. Students should consult their academic advisor on which courses are appropriate for their field of study.

Goals for FY Target Core Courses

- Students become familiar with the culture of higher education
- Students comprehend and appreciate academic expectations
- Students know the UIW mission
- Students are involved in intellectually and creatively challenging course work.
- Students are active and collaborate with others in their learning

DEGREE REQUIREMENTS

- Students engage in enriching educational experiences
- Students interact with faculty members outside of the classroom
- Students are aware of and participate in extracurricular activities

Application for the Degree

Upon application for graduation, Registrar's Office personnel will generate the official degree audit, indicating course completion as well as courses remaining to complete the degree. Students must resolve degree deficiencies noted in the degree audit by the deadline indicated therein or they will be removed from candidacy for graduation. Students are encouraged to work closely with their advisors to plan for graduation and to resolve any deficiency identified that will prevent graduation.

The degree audit will be based upon the curriculum in effect at the time of the student's matriculation and identifies all of the courses and requirements for the degree. It is the student's responsibility, in conversation with his/her assigned advisor, to regularly review the automated degree evaluation, available online through the secure server, and to meet the requirements of the degree.

Major

A major is defined as a program of study involving at least 30 hours with a minimum of 18 upper division hours in a single discipline or interdisciplinary field. For all majors, a minimum grade of C is required for courses within each major as well as courses required as support-work for the major. Individual disciplines may, however, have policies more stringent than the university-wide policy. Detailed requirements for each major can be found in the "Undergraduate Programs" section of this bulletin.

Program requirements for the major may be modified or discontinued without prior notice because of academic, fiscal, or staffing considerations. Students affected by such changes will be assisted in their efforts to continue their studies in other programs or universities.

Minor, Interdisciplinary Concentration, or Specialization

Most majors require a minor, an interdisciplinary concentration, or a specialization within the major. A grade of C or better is required in every course that counts toward the minor, an interdisciplinary concentration or a specialization. Additionally, if support courses are required as support work for the major, minor, interdisciplinary concentration or specialization, a grade of C or better is required in each course listed as a support course. Details of these requirements may be found in the "Undergraduate Programs" section of this bulletin.

The discipline within which a minor is taken defines, within the university standards stated below, the requirements for the minor.

DEGREE REQUIREMENTS

The discipline that requires or accepts an interdisciplinary concentration on a certain topic for students majoring in it defines, within the University standards stated below, the requirements for the interdisciplinary concentration.

A minor is defined as 12 semester hours or more in a single discipline, including a minimum of six upper-division hours. An interdisciplinary concentration is defined as a minimum of 18 semester hours, including a minimum of nine upper-division hours, from two or more disciplines in courses focused on the same area. A specialization within a major field is defined as a minimum of 18 semester hours, including nine upper-division hours.

Second Major

A student is not restricted in the number of majors he or she may complete for the bachelor's degree. However, if a student wishes to pursue more than one major, all requirements for a single major plus the additional requirements for the other major(s) must be completed. A second major on a different degree program requires the completion of a second degree, rather than the completion of a second major.

Second Baccalaureate Degree

A student holding a bachelor's degree from UIW or from another accredited institution may receive a second bachelor's degree as long the student fulfills the following requirements:

- Meet all course requirements for a uniquely different major that does not duplicate the requirements of the major for the first degree.
- Complete an additional 45 semester hours of residence credit not included in the first degree.
- 18-24 hours of the residence credit for the second degree must be at the upper division level in the major field.
- Complete all requirements for the additional major and degree including all prerequisites, elective courses, and upper division courses as specified in the appropriate sections of the bulletin.
- Two bachelor's degrees may be awarded simultaneously provided that the requirements listed above are met and that the total number of credit hours being applied toward both degrees is a minimum of 165.
- The Core from the first degree will be considered in fulfillment of the UIW Core for the second degree and all additional courses and requirements for the Core of the second degree will be waived if the Core of the first degree assimilates the UIW Core or the core from another institution of higher learning in the United States. The Core for the second degree will be required for international students whose Core for the first degree does not contain the elements of the Liberal Arts Core and which are the hallmark of the UIW Core.

Enrollment and Attendance Policies

Academic Advising

The purpose of the Academic Advising Program is to provide effective guidance to students throughout their academic experience at the University. This is achieved by assisting them to discover and/or enhance their abilities, values and interests in the context of a higher education. All new full-time undeclared students are assigned to the University Advising Center (UAC). The Center has a team of experienced academic counselors who work with undeclared students, particularly during those early semesters of their education that are most critical in their selection of a major. UAC academic counselors guide students through the process of choosing a major and collaborate with them to develop realistic academic goals that are consistent with their career plans. Throughout the advising process, UAC counselors attempt to enhance students' study habits, critical thinking, problem solving, decision-making and time management skills.

Students who have already selected a major are assigned to a faculty advisor in their chosen field. They work with their assigned advisor until graduation. To maximize their academic experience, students are strongly encouraged to develop a sound relationship with their faculty advisors and utilize their expertise. This can generate extensive benefits before and after graduation. The most important role of academic advisors is to serve as facilitators who help students identify and assess alternatives and consequences of their decisions. However, the ultimate responsibility for making decisions concerning goals and educational plans rests with the individual student.

Academic Load

The traditional number of semester hours for each long semester (Fall or Spring) is 16 semester hours while the maximum enrollment is 18 hours. The maximum enrollment for the summer is 14 semester hours for all summer terms combined. A minimum of 12 semester hours is required for full-time status for the Fall, Spring, or Summer semesters.

During the Fall and Spring semesters, an enrollment of less than 12 hours or more than 18 hours is outside of banded tuition and charges per semester hour will be assessed.

Any enrollment beyond the limits stated this section must be approved by the Registrar and requires that the student complete the overload request form.

Academic Placement Testing Requirements

Academic Assessment

It is essential that all new undergraduate students begin their academic careers with a strong foundation. To ensure this, UIW places students into the appropriate math and English courses based upon test scores submitted with the application. To view the UIW course placement policy, visit the Admissions website at www.uiw.edu/admissions.

Students who have been placed into MATH 0318 and MATH 0319 may choose to take the math challenge exams at the Learning Assistance Center. These assessments determine readiness to succeed in the University by identifying students' academic strengths and any needs that must be addressed to gain full benefit of a UIW learning experience

Competence in English

All students whose grade in Freshman Composition I or II is below C must repeat the course. Students receiving a grade below C in Freshman Composition I may not register for Freshman Composition II until successfully completing Freshman Composition I with a grade of C or higher.

Academic Overload

The student's faculty advisor must approve all requests for an academic overload and forward the request to the Registrar. The Registrar will review all requests and either approve or deny the request based upon factors such as enrollment history, employment, and GPA. Petitions may be considered if the cumulative GPA is above a 3.00. For the fall and spring semesters, enrollments above 18 hours require an overload approval. For the summer term, enrollments above 14 hours for all summer semesters combined require an overload approval.

Attendance

In general, students are expected to be prompt and regular in attending classes. Attendance policies for individual classes are set by the instructor and written into the course outline. Although absence from class because of illness or emergencies is unavoidable, excessive absences normally affect quality of achievement and, therefore, the grade. The responsibility for attendance is placed primarily on the students. Students who are unable to attend scheduled classes should contact the University Advising Center. Personnel from this office will provide instructors with an explanatory notification of the absence. Such notice, however, does not excuse the absence, and the student must arrange with the instructor to make up work missed. At times, a student who is participating in an activity approved by the University is required to miss a class. Some examples of such activities are (1) those that a student participates in as a condition of his or her University-sponsored scholarship, (2) a college dean-approved event, (3) participation in a University sponsored athletic

competition, or (4) those that are a condition of satisfactorily completing the requirements of his/her major.

No student participating in any such event shall be charged with a specific penalty for missing the class, and any student will be given the opportunity to make up work missed in that class within a reasonable period of time. Instructors may wish to indicate more specifically how they will deal with these circumstances in their syllabi.

The University recognizes that there are activities that may be important to the student. Arrangements for dealing with any class work missed as a result of these activities must continue to be negotiated between the student and instructor.

Instructors may require students to withdraw who miss more than 15% of the scheduled classes through any combination of excused and/or unexcused absences. Students who register for classes and cease attending, without dropping the course or withdrawing from the University, will be charged the tuition for the course and will receive a grade based upon their attendance and all work required.

Students who do not attend the class or classes for which they registered, must drop the class or withdraw from the university. If they do not drop or withdraw, they will be charged for their class or classes and will receive a grade at the end of the semester, whether they attend class or not. It is the student's responsibility to cancel his/her registration if s/he does not plan to attend class or complete the course requirements.

Auditing

With the permission of the instructor, University of the Incarnate Word students and persons who have not been admitted to the University may register as an auditor provided there is space in the classroom after all registered students have been accommodated. A course must achieve its minimum size without auditors. All audit registrations are subject to the following conditions:

1. An auditor may attend lecture classes but does not submit papers, take examinations, or receive academic credit. Auditors may participate in class discussions only upon invitation of the instructor. Permission to audit does not constitute admission to the University. Credit is not granted for courses that are audited and grades are not recorded.
2. Audits will not be allowed for practice, tutorials, internships, thesis, clinicals, computer or science labs, and similar courses.
3. Full-time students at UIW may audit one lecture course (3 or 4 semester hours) per semester or one course during the summer without additional tuition. The deadline for changing enrollment in a course from graded to audit status is printed in each semester's Schedule of Classes.
4. Non-students who wish to audit must complete an Application for Audit which is available in the Registrar's Office, obtain the approval of the instructor, and pay tuition and fees in the Business Office.

5. Auditors pay 50% of regular tuition for lecture courses; however, full tuition is charged for limited enrollment, private instruction, and studio courses. All course fees are assessed, although other University or non-course related fees are not assessed unless registered for other courses.

Correspondence Work

After matriculation at UIW, a maximum of 12 semester hours may be accepted through correspondence work. The discipline coordinator must approve courses taken by correspondence before the work begins. Enrollment in correspondence study during the student's final semester may change the date of graduation if work is not completed and received by the Registrar's Office at UIW before the end of the semester during which the student anticipates graduating. A maximum of 30 semester hours may be earned through non-traditional instruction (through a combination of correspondence, professional certification, or credit by examination). Correspondence work is considered transfer work thus subject to the transfer credit limitations.

Independent Study Work

Independent study is defined as one-on-one instruction between an instructor and a student. The purpose of independent study is to provide a study focus in an area of interest common to both student and instructor.

The course number for an Independent Study is 3X98 or 4X98 with the number of credit hours being variable. An "Independent Study Approval" form must be presented when registering for an independent study course. These forms are available in the Registrar's Office and online at www.uiw.edu/registrar. The policies for enrollment in an independent study course follow:

1. Open to juniors and seniors for study in their major or minor area.
2. A minimum GPA of 3.00 (cumulative or most recent term) is required for enrollment.
3. Requires approval of the student's advisor, instructor directing the course, and the school/college Dean.
4. Enrollment limited to one independent study course per semester.
5. A maximum of 12 semester hours earned through independent study will apply toward the degree.

Inter-Institutional Work

Students who have been admitted to the University of the Incarnate Word may also attend St. Mary's University or Our Lady of the Lake University through an Inter- Institutional Agreement established by the United Catholic Colleges of San Antonio. These courses count as resident courses and count in the student's cumulative average. The Inter-Institutional Agreement form is available in the Registrar's Office. The following policies apply:

1. No more than 12 semester hours earned through the Inter-Institution Enrollment Agreement will apply toward a UIW degree.
2. No more than six semester hours earned through the Inter-Institution Enrollment Agreement will apply toward a major on a UIW degree.
3. A student enrolling at St. Mary's University must obtain permission from the department concerned and obtain the name of the person in the department who approved the enrollment.
4. UIW tuition discounts are not authorized for inter-institutional enrollment. Full tuition will be charged.
5. Students attending UIW under institutional scholarships or tuition "trade-outs" for business services are not eligible for this program unless they are willing to pay full tuition for the course.
6. Registration for these courses obligates the student for the appropriate tuition and fees associated with each course.
7. UIW staff/faculty/dependent tuition waivers are not applicable at St. Mary's University. UIW staff/faculty will be limited to a tuition waiver for three semester hours at the other institutions. All institutions except St. Mary's University will honor Full/unlimited tuition waiver for employee dependents.
8. Enrollment in a course may be used by the parent institution in computing financial aid awards.
9. A student enrolling in a "travel/credit" program may arrange to pay all associated costs to the parent institution, and the funds will be sent to the institution sponsoring the program.
10. Excluded programs: St. Mary's University – doctoral and law programs; Our Lady of the Lake – weekend and doctoral programs
11. Approval will not be granted if an equivalent course is available at UIW.

Schedule Adjustment

Students are expected to complete all courses for which they register unless they specifically and officially alter their original registration. Students may not attend class without first registering for that class. All registration issues must be resolved by the Friday before finals. In no instance will an enrollment be created for students who complete course work without registering for the class. Registrations may be altered through three processes: adding a class or classes, dropping a class or classes, or withdrawing from the University.

- **Add Procedure**

After a student has registered for classes, he/she may change his/her schedule by either adding or dropping a class or classes. In each instance, an official form, the add slip, must be completed by the student and approved by the student's advisor. In instances where the intended class is closed, the instructor's and Dean's signatures are also required. No add is considered official until the Registrar's Office receives the approved form. The last day to add a class for any given semester is printed in the Schedule of Classes.

- **Drop Procedure**
 The drop slip is required when students want to drop a class or classes and remain enrolled in at least one course for the semester. See the “Withdrawal” section for withdrawing from the university completely. To drop a class or classes, the student needs his/her advisor’s signature. No drop is considered official until the Registrar’s Office receives the approved form. The last day to drop for any given semester is printed in the Schedule of Classes. The last day to drop a class and receive a refund is also printed in the Schedule of Classes. Students who drop a course or courses after the last day to drop a course with a refund will be charged for the course they drop. Students who drop a course or courses before the “Last Day to Drop a Course with a “W” will receive a grade of “W.” After this final date, the calculation of the final grade will reflect requirements for the entire course.
- **Withdrawal Procedure**
 An official withdrawal indicates a student’s desire to be removed from all classes in which he/she is enrolled for a semester. Students may withdraw from the University without academic penalty through the Friday before finals. In this case, the student will receive a grade of “W” for all courses attempted. In no instance may a student withdraw from classes after finals have begun.
 - **CONSEQUENCES OF WITHDRAWING:** A withdrawal affects both a student’s bill as well as any financial aid the student may have received. Students may or may not be eligible for a refund or a reduction of charges based upon the date of the withdrawal. The refund schedule defines the amount of tuition and fees (if any) to be refunded based on the date of withdrawal. A separate Return of Title IV calculation must be processed on any financial aid the student has received and may result in the student having a balance with the University after withdrawing.
 - A student’s withdrawal from the University will be considered as occurring the day the student turns in the withdrawal form to the Office of Student Success (for undergraduate students) or to the Office of Graduate Studies and Research (for graduate, doctorate, and professional students). The student must obtain a signature from the appropriate office before the student’s withdrawal will be considered official.
 - If you attend class in any semester and then withdraw or earn zero credit after aid has been disbursed, you may be required to return any funds received, including funds credited to pay tuition and fees.
 - Financial aid must be used for educationally related expenses during your dates of enrollment. Federal regulations require the Financial Aid Office to calculate the amount of aid you “earned” for the number of days you attended. Any “unearned” aid for when you did not attend classes or were not enrolled must be repaid.

- If you withdraw before the start of the semester or never attend any classes, 100% of aid disbursed to you must be repaid. If a repayment is owed, you will be billed by the Business Office. You may not register and are not eligible for further aid until repayment is made in full. Additionally, we may also report you to a collection agency until we receive full funds and your balance is cleared.
- Exit interviews are required to complete the withdrawal process. If you received a Perkins loan, complete the exit interview online at www.uasexit.com. If you received the Stafford and/or Graduate PLUS loans, complete an exit interview on-line at www.uiw.edu/finaid/exit.html.

Students who stop attending without properly withdrawing from the university will receive a grade and will be responsible for full payment of all tuition, fees, and other charges. The return of title IV calculation may require you to return some of the aid you received (see withdrawals and refunds). Students are responsible for their grades and all charges whether they attend class or not.

Student Responsibility Statement

In general, students are expected to register for class, attend regularly, and complete the course requirements, for which they will receive a grade. The responsibility for enrollment, attendance, completing course requirements and meeting institutional academic and financial obligations is placed solely with the student.

We consider your registration a contractual relationship with the University and identify your responsibilities below:

- You are responsible for knowing and following the policies, deadlines, and procedures outlined in this publication and other publications related to your registration and/or the conferral of your degree.
- You may not attend a class for which you are not registered.
- You will receive credit for only those classes for which you officially register.
- Your enrollment and/or your attendance in a class indicate your intent to receive credit and acceptance of all University charges for the semester.
- You are responsible for cancelling your registration if you do not plan to attend class or complete the course requirements for which you registered.
- You are responsible for your financial obligations with the University regardless of your payment method and regardless of whether you attend class or not.

- You are responsible for making arrangements to pay for your charges and doing so by the deadline posted in the schedule of classes.

Study Abroad Enrollment

Students may broaden their educational experiences through enrollment in study abroad in colleges and universities in other countries. The University of the Incarnate Word has more than 90 sister-school agreements with colleges or universities in numerous countries to facilitate enrollment and transferability of credits. Detailed information about the Study Abroad Program may be obtained through the Study Abroad Office. The following policies apply to enrollment in courses through the Study Abroad program:

1. Students must be in good academic standing.
2. Candidates should have completed 12 semester hours at UIW.
3. Candidate must receive approval of their academic advisor as well as the Study Abroad Coordinator before departing to the country where the study is intended or before enrolling in the approved institution.
4. Candidates must complete the Study Abroad Application six months before they intend to leave.

Study at Another Institution

After matriculating at the University as a degree-seeking student, a student must obtain prior written approval to transfer any additional credits from other institutions. The "Request to Study at Another Institution" form is available in the Registrar's Office and on-line and must be approved before enrolling for credit elsewhere. Transfer work approved on this form will be accepted and applied toward the degree indicated if the grade earned is a "C" or higher. It will be the student's responsibility to furnish the Registrar's Office with an official transcript reflecting completion of the course work.

All institutional policies will be observed when considering all requests to study at another institution. Acceptance of credits approved through study at another institution will not decrease the hours required through institutional policies. Approval will not be granted if an equivalent course is offered at UIW.

Transfer credit may not be awarded if the student enrolls in classes at another institution without first gaining approval to transfer those hours back to UIW.

Grades and Academic History Policies

Academic Integrity Policy

University of the Incarnate Word is strongly committed to the nurturing of academic excellence. The University expects its students to pursue and maintain truth, honesty, and personal integrity in their academic work. Academic dishonesty, in any form, constitutes a serious threat to the freedoms, which define an academic community. The following definitions and guidelines have therefore been established to secure the maintenance of academic integrity at Incarnate Word.

I. FORMS OF ACADEMIC DISHONESTY INCLUDE, BUT ARE NOT LIMITED TO:

- Cheating on tests, examinations, or other class or laboratory work.
- Plagiarism (appropriation of another's work and the unacknowledged incorporation of that work in one's own written work offered for credit).
- Counterfeit Work – including turning in as one's own, work which was created, researched, or produced by someone else.
- Falsification of Academic Records – knowingly and improperly changing grades on transcripts, grade sheets, electronic data sheets, class reports, projects, or other academically related documents.
- Unauthorized Reuse of Work – the turning in of the same work to more than one class without consent of the instructor involved constitutes academic dishonesty.
- Theft – unauthorized use or circulation of tests or answer sheets specifically prepared for a given course and as yet not used or publicly released by the instructor of a course, or theft of completed tests.
- Collusion – Involvement in Collusion -unauthorized collaboration with another to violate a provision of the Code of Academic Integrity.
- Facilitating Academic Dishonesty – intentionally or knowingly helping or attempting to help another to violate a provision of the Academic Integrity Policy of the University.

Instructors who are concerned that some form of academic dishonesty has occurred shall confront the student directly and may take the matter to the Dean of their College/School. Any member of the student body or the staff of University of the Incarnate Word who is concerned that a student has engaged in some form of academic dishonesty should report the incident to the Dean of the College/School which oversees the course in question. The Dean will then convene the College/School's Academic Honor Board and initiate the process of investigation outlined in II. B. below.

II. PROCEDURES FOR INVESTIGATING CLAIMS OF ACADEMIC DISHONESTY AND ASSESSING SANCTIONS

A. Sanction Assessed by Faculty.

Before any sanction by a faculty member is assigned, the instructor must meet with the student about the violation. Sanctions must be confirmed in writing to the student, copied to the Dean of the College/School, which the instructor is a member, and copied to the Academic Vice President. These records ARE NOT placed in the student's permanent academic file and will be destroyed when the student graduates or otherwise ceases his/her relationship with the University.

- When Guilt Is Admitted.

If a student who is confronted by a faculty member for engaging in academic dishonesty openly admits to wrongdoing, the instructor will:

- a. Give the student an F for the assignment in question, and may
- b. Forward the case to the Academic Honor Board of the College/School to consider additional sanctions.

- When Guilt Is Not Admitted.

If a student accused by a faculty member of academic dishonesty does not admit wrongdoing, his/her appeal should be made directly to the Dean of the College/School with course responsibility so that the Academic Honor Board can formally investigate the allegation and decide which action should be taken.

B. Sanctions Assessed by the Academic Honor Board

When cases alleging academic dishonesty are forwarded to a College Dean, he or she will convene an Academic Honor Board. The student (respondent) alleged to have engaged in academic dishonesty will be notified of the convening of the Board. Notices may be personally delivered to the respondent or by placing a notice addressed to the respondent to the respondent's Campus Mail Box or sent by certified mail to the respondent's home address. The Board will be comprised of two members of the faculty from the School/College selected by the Academic Dean and two students selected from a list of students previously identified by the college faculty. The Dean will serve as chairperson of the Board; however, he/she will only vote in cases where the Board is split on any given decision.

The respondent may request that a student or faculty member not sit in judgment if he/she feels that the vote may be biased or prejudiced as a consequence. Some substantiation of the claim of prejudice may be required, and the final decision shall rest with the Dean.

The Dean of the College/School that convened the Board shall make substitutions to the Board in order to maintain a quorum of five members.

The student (respondent) is presumed not to have engaged in academic dishonesty. A finding of academic dishonesty shall be by majority vote of the Board. If the Board finds that the respondent engaged in academic dishonesty, the Board may impose Sanctions. Sanctions may include:

- receiving an "F" for the assignment in question,

- receiving an “F” for the course,
- academic suspension,
- dismissal from the University, and/or
- other action deemed appropriate.

The procedure of formal inquiry by the Academic Honor Board will include:

- Securing a written statement describing the nature and circumstances of the alleged offense from the student, faculty, or staff member making the allegation.
- Securing a written statement from the respondent relating to the allegations.
- Interviewing separately the respondent and the faculty/staff member alleging the dishonesty in order to clarify and to expand the written statements.
- Interviewing any witnesses or other persons claiming knowledge of the incident.
- Securing, examining, and retaining any physical evidence related to the incident. Using written statements, interviews, and available physical evidence, the Academic Honor Board will decide the validity of the alleged incident of academic dishonesty.

The decision of the Board will be communicated in writing to the respondent by being personally delivered, placing the findings in an envelope addressed to the respondent at the respondent’s Campus Mail Box, or sent by certified mail to the respondent’s home address.

Pending the final action of the Academic Honor Board, the status of the student shall not be altered, and his/her right to be present on campus, to attend classes, and/or to participate in University sponsored activities shall not be affected

III. APPEALS OF DISCIPLINARY SANCTIONS ASSESSED BY ACADEMIC HONOR BOARD

Any respondent who disagrees with the findings of an Academic Honor Board may appeal to the Vice President for Academic and Student Affairs who creates a Committee on Academic Integrity, which is comprised of the Dean of Campus Life, an elected member of the Faculty Senate, and an elected member of the Student Government Association (SGA).

- Timetable – Appeals to Academic Honor Board decisions must be submitted in writing to the Committee on Academic Integrity within ten working days of the Board’s decision.
- Following a review, the Committee on Academic Integrity may uphold, modify, or reverse the findings of the Academic Honor Board.

The decision of the Committee on Academic Integrity shall be considered final. A written statement shall be sent to the appellant no later than three days after the Committee’s decision is reached.

Classification of Students

Entrance and subsequent conditions having been removed, students are classified according to the number of hours completed:

Freshmen	1-29 semester hours
Sophomores	30-59 semester hours
Juniors	60-89 semester hours
Seniors	90 or more semester hours

Dean's List

Admission to the Dean's List is based on achievement during a semester. To qualify for the Dean's List, a student must be enrolled for at least 12 semester hours (or have full-time status). A student needs at least 12 hours of graded coursework (not to include ESL or Academic Literacy courses), have no IP grades, and have a GPA of 3.5 or above. A student's name will not be posted on the Dean's List following the completion of an IP.

Honor Societies

Full-time juniors and seniors in the top 10% of their classes are eligible for invitation to Alpha Chi Honor Society. Freshmen attaining a 3.50 GPA in their first semester at UIW are eligible for invitation to the Alpha Lambda Delta Honor Society. With the assistance of faculty sponsors, members plan and participate in a variety of intellectually stimulating activities.

System of Grading

A and A-	Indicate a superior grasp of the subject matter of the course, initiative and originality in attacking problems, and ability to relate knowledge to new situations.
B+, B, and B-	Indicate better than average grasp of the subject matter of the course and ability to apply principles with intelligence.
C+ and C	Indicate an acceptable grasp of the essentials of the course.
D+, D, and D-	Indicate less than average performance in the course.
F	Indicates failure to master the minimum essentials of the course. The course must be repeated.
IP	Indicates that the student's achievement in the course has been satisfactory, but for some good reason certain prescribed work is incomplete or the student has been unable to take the final examination. On satisfactory completion of the course, the student will receive the grade that the quality of his or her performance merits. If the work is not made up within six months, the IP will revert to a grade of F. The grade of IP will not be computed in the GPA.

GRADES AND ACADEMIC HISTORY POLICIES

N	Indicates that no grade has been reported. This is usually not a permanent grade and rarely appears on a transcript.
Pass/Fail	Students may take as many as four courses on a pass-fail basis. Courses completed by pass-fail will count as elective courses and will not satisfy requirements for the Core, the major, minor, interdisciplinary concentrations, specializations, or support work. Such courses, if passed, will be counted toward graduation, but will not be considered in computing the GPA. A minimum grade of C is needed to receive credit in a Pass/Fail course. Freshmen are not permitted to take courses on a Pass/Fail basis.
S	Indicates satisfactory completion of course requirements. Reserved for specific courses (e.g. thesis, dissertation, internships, etc.). Grade counts toward graduation requirements but not toward GPA calculation.
W	Indicates that the student has officially withdrawn from the course or the University.

Once grades are recorded, grades other than IP cannot be changed, except in the case of instructor error. In no case may a grade other than IP be changed without the permission of the school/college Dean. Additional work performed by a student may not be used to raise a grade that has been recorded by the Registrar. If course work has not been completed within six months, the IP grade will be turned to a grade of F. Grades are presumed to be correct when entered on the student's record. Questions regarding the accuracy of the grade must be raised within one calendar year. Grades are not subject to challenge after one year and will not be changed.

Students who have complaints about academic advisement or other issues related to academic policies, procedures, or deadlines should contact the Dean of Student Success, CPO 96, (210) 805-3005. Students who believe they have received unfair treatment involving their academic work must first meet with their instructor. Unfair treatment applies to any act which may be perceived as either prejudiced or arbitrary in the evaluation of a student's performance, or in the imposition of sanctions without regard for due process. If the complaint is not resolved to the satisfaction of the student, the student shall have the right to appeal a decision in writing to the Dean of the school or college, or a person designated by the Dean, where the instructor resides. The Dean's decision is final and there is no further appeal to another administrative officer. Students may obtain the formal appeals form from the office of the Dean in whose college/school the instructor resides.

Honor Points

To calculate the GPA, points are assigned to semester hour grades as follows:

A	4.0	C	2.0
A-	3.7	D+	1.3
B+	3.3	D	1.0
B	3.0	D-	0.7
B-	2.7	F	0.0
C+	2.3		

The GPA is determined by dividing the number of grade points earned by the number of semester hours attempted. The semester GPA used is based on the total grade points earned at the University of the Incarnate Word. The cumulative/over-all GPA is based upon all hours attempted, regardless of the grade earned and to include both transfer and UIW credits.

Repeat Policy

Courses may be repeated; thereby removing the first attempt from the grade point average calculation. Only University of the Incarnate Word courses can replace courses recorded at the University of the Incarnate Word. Transfer work, CLEP, or departmental examinations cannot be used to repeat a course recorded at the University of the Incarnate Word. The last grade earned will be used in the calculation of the grade point average. Courses used to repeat recorded grades must be the exact course (i.e., same course number and title) of the original course for which the repeat is intended. While other courses may substitute for degree course requirements, they will not remove the original recorded grade from the grade point average calculation.

Satisfactory Academic Progress

Compliance with the rules for satisfactory academic progress is expected of all students. Students who receive financial aid must comply with financial assistance policies on satisfactory academic progress as described in the Financial Aid Section.

A full-time student who fails to complete nine semester hours in one semester may be issued a warning for failure to make satisfactory academic progress. In the subsequent semester, a full-time student who has been given a warning and who again fails to complete nine semester hours will be placed on academic probation for failure to make satisfactory academic progress. A full-time student who in three consecutive semesters fails to complete nine semester hours will be placed on enforced withdrawal for failure to make satisfactory academic progress. Appeals will follow the enforced withdrawal procedure.

ACADEMIC STANDING FOR MAIN CAMPUS STUDENTS

Probation

Full time students who have an institutional cumulative GPA of less than 2.0 will be placed on scholastic probation. Students on scholastic probation must meet with an advisor from the Office of the Dean of Student Success and complete a learning contract that maps specific requirements for the subsequent semester. Learning contracts may limit the hours of enrollment, require the student to attend tutoring sessions and/or have other stipulations that the advisor has determined will assist the student in his/her path to graduation. The contract must be signed by the student and the Dean of Student Success by the end of the second week of classes of the semester that the student is on scholastic probation. If a student does not complete the contract and/or satisfy the terms of the contract, the student may not be allowed to continue enrollment at the University of the Incarnate Word. This decision will be made by the Dean of Student Success and the Provost of the University. Students and their academic advisor will be notified of their academic standing at their official University Cardinal e-mail address.

Suspension

Students who earn a semester GPA of less than 2.0 in two consecutive semesters and have a cumulative institutional GPA of less than 2.0 will be suspended from the University of the Incarnate Word. Notification of suspension will be sent from the office of the Dean of Student Success to the student's official University Cardinal e-mail address. Students who are on suspension from the University will be withdrawn from all classes and will not be allowed to register for subsequent semesters. Students on suspension may apply for readmission after one year of productive activity, preferably academic. Readmission requires the approval of the Committee on Admission in consultation with the Dean of Student Success. If readmission is granted, the student will be conditionally admitted and will need to complete a learning contract. A student may appeal the Suspension status by sending a letter to the Dean of Student Success. All appeals will be reviewed by the Dean of Student Success and the Provost or the Academic Dean of the School or college of the student's major. The student will be notified of the appeal decision by an e-mail from the Office of the Dean of Student Success.

Students who are required to withdraw from the University may apply for readmission after one year of productive activity, preferably academic. Such readmission requires the approval of the Committee on Admission in consultation with the Vice President for Academic and Student Affairs. If readmission is granted, the student will be on scholastic probation, with enrollment limited to 12-13 semester hours for full-time students.

Part-time students who fail to earn a C (2.0) in any six semester hours out of 12 semester hours attempted may be required to withdraw from the University. Part-time students enrolled for at least six credits and with a GPA below 2.0 may be placed on probation.

GRADUATION POLICIES

In special circumstances, a student who is placed on enforced withdrawal:

- May appeal the action and be allowed to register the following semester after appropriate review and approval from the Dean of Student Success and Provost.
- The Dean of Student Success and Provost may mandate any specific conditions deemed appropriate.
- If, at any time, during that semester the student has not satisfied the conditions stipulated, he or she may be required to withdraw from the University.

ACADEMIC STANDING FOR ADCAP AND UIW ONLINE STUDENTS

Probation

Full time students who have an institutional cumulative GPA of less than 2.0 will be placed on scholastic probation. Students who wish to continue at the University must have subsequent terms where their GPA is above 2.0. If not, the student may not be allowed to continue enrollment at the University of the Incarnate Word. Students will be notified of their academic standing at their official University Cardinal e-mail address.

Suspension

Students who earn a term GPA of less than 2.0 in two consecutive terms and have a cumulative institutional GPA of less than 2.0 will be suspended from the University of the Incarnate Word. Notification of suspension will be sent from the dean of ADCaP or UIW Online. Students who are on suspension from the University will be withdrawn from all classes and will not be allowed to register for subsequent semesters. Students on suspension may apply for readmission after one year of productive activity, preferably academic. Readmission requires a letter from the student indicating what they have done in the year off and how they are now prepared to be successful, as well as an application for readmission. If readmission is granted, the student will be conditionally admitted and will be expected to maintain a GPA of 2.0 or greater in subsequent terms. A student may appeal the Suspension status by sending a letter to the Dean of ADCaP or UIW Online, as appropriate. The student will be notified of the appeal decision by an e-mail from the Office of the Dean of ADCaP or UIW Online.

Graduation Policies

Refer also to the "Degree Requirements," section cited earlier in this catalog, for institutional requirements related to the conferral of the undergraduate degree. Enforcement of institutional requirements and graduation policies control the awarding of the degree.

A "C" average (2.0) is required for graduation. To be listed as a candidate for a degree, the student must meet the requirement by the end of the first semester of the senior year.

Bulletin for Graduation

Candidates for the associate's or bachelor's degree may obtain the degree according to the requirements of the catalog in effect when they enroll at the university or from the catalog for any subsequent year thereafter. Candidates must complete the degree within eight years of date of the chosen catalog. After the expiration of that time period, degree candidate will be held to the requirements of the current catalog. Whenever required courses are discontinued, the College/School Dean may authorize substitutions.

In instances where students are readmitted into programs that have substantially changed requirements for the degree or major, the catalog selection is at the discretion of the program advisor.

Academic regulations and institutional policies apply to all students, regardless of the degree programs, and provide direction for consistent application of institutional policies. The provisions of this Bulletin, thus academic regulations and institutional policies are subject to change without notice. Changes in Undergraduate Bulletin academic and/or institutional policies, other than course requirements and GPA policies for a degree, become effective immediately upon approval by the proper University authorities and are not subject to the "Undergraduate Bulletin of Graduation" rule cited above.

Graduation Completion Policies

Each student must notify the Registrar of his or her intent to graduate by completing an Application for Graduation provided to the student by the Registrar. Applications will not be accepted after the last day to register or add for the semester in which the student plans to graduate. The advisor's recommendation for graduation is required. After receiving the application, the Registrar's Office will prepare a degree audit that will reflect any outstanding requirements that must be completed.

The following policies apply:

1. Once the Registrar's Office receives the application for graduation, communication between the Registrar's Office and the student is by e-mail to the university assigned e-mail account.
15. A \$50.00 graduation fee will be assessed to all applicants for graduation to cover administrative costs of graduation.
16. Community Service hours must be completed and documented in the Registrar's Office before you apply to graduate or be attached to the application for graduation.
17. Refer to the "Credit by Examination, Certification, or Correspondence Policies" for policies related to earning credit in that manner.

18. Deadlines related to Graduation:

- Applications for graduation for December are due by May 1 unless the date falls on a weekend in which case the deadline will be the immediately following Monday. Applications for graduation for May are due by October 1 unless the date falls on a weekend in which case the deadline will be the immediately following Monday. Applications for graduation for August are due by March 1 unless the date falls on a weekend in which case the deadline will be the immediately following Monday.
- Applications received after the posted filing deadline will result in an additional late fee and will not guarantee a timely review of the applicant's file or ensure the distribution of tickets for Commencement. Filing deadlines are listed in the graduation packet sent to the student, in the Academic Calendar, and in the Schedule of Classes. Students are responsible for notifying the Registrar's Office of their change of address or changes in their plans to graduate. Failure to do so will result in the re-assessment of the graduation application fee.
- The deadline for changing the graduation date is the Friday of the first week of the semester during which you initially plan to graduate. A change of graduation form is required and is included in the graduation packet.
- All official transcripts must be on file in the Registrar's Office before the final graduation audit will begin.
- All course substitution forms (where applicable) must be on file in the Registrar's Office the Friday of the first week of the semester during which graduation is planned.
- Courses in which incomplete grades were previously assigned must be completed by the Friday of the first week of the semester during which graduation is planned.

19. Students cannot receive a grade of "D," "F," "W," or "IP" in their major, minor, concentration, specialization, support work, or teaching field. Receiving such grade will change the date of graduation to the next conferral period.

20. To participate in Commencement exercises, you must register for and remain enrolled in all required courses necessary for graduation prior to or during the fall or spring semester in which you intend to graduate. You cannot receive a grade of "W" in courses used to satisfy degree requirements. Receiving such grade will change your date of graduation to the next conferral period. Dropping a course or courses will remove you from candidacy and will prevent you from attending the Commencement ceremonies.

21. Students completing degree requirements during the summer participate in the December Commencement ceremonies.

22. Transcripts or test scores for courses taken at other institutions during the final semester of enrollment at the University of the Incarnate Word must be in the Registrar's Office at UIW no later than two weeks after the end of the semester. Transcripts received beyond this deadline will result in a change of graduation date.
23. Your account balance must be clear before you begin final exams during your final semester or you will not be permitted to participate in the Commencement Ceremonies. Refer to the deadlines posted on-line, at the graduation link, on the Registrar's Office web page.
24. Diplomas are not ordered until the degree is posted and the student's account balance is cleared.

Graduation Honors

Undergraduate students who complete associate or baccalaureate degree requirements and have earned a minimum of 45 semester hours at UIW (excluding credit by examination or professional certification) are eligible to graduate with honors. The GPA achieved in all college-level semester hours attempted, to include transfer work, will determine the level of honors. Graduation distinctions are cum laude for students completing with a 3.5 GPA, magna cum laude for students with a 3.7 GPA, and summa cum laude for students with a 3.9 GPA.

Participation in Commencement Ceremonies

To participate in Commencement exercises, a student must have registered for and remain enrolled in all required courses necessary for graduation prior to or during the semester in which he/she intends to graduate. Students who do not graduate at the close of the term for which they applied must re-apply for graduation. Changing the date of graduation after graduation plans have been set may result in a change of graduation fee. The student must not have "holds" imposed by any department or office to participate in the Commencement ceremonies or graduate. All course work must be completed before the last day of the semester during which the student intends to graduate. Grades of IP will prevent the conferral of a degree until the next conferral period.

Students who complete degree requirements during the summer months graduate in August and participate in the December Commencement ceremonies.

Student Educational Records and Student Privacy

Educational Records

The University of the Incarnate Word maintains educational records for all current and former students who officially enrolled. Student records at the University are subject to the provisions of the Family Educational Rights and Privacy Act of 1974, as amended. Students have the right to file a complaint with the U.S. Department of Education concerning compliance issues. The name and address of the appropriate office is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4605

Educational Records Fee

Upon matriculation, all students are charged a one-time educational records fee of \$30.00 to cover administrative costs associated with the creation and maintenance of the students' educational record. After payment of this fee, transcripts are issued to students free of charge.

Educational Records on Campus

Educational records are those records directly related to a student for the purpose of recording the educational endeavor of the student. They do not include law enforcement records, employment records, medical records, alumni records, or faculty advisor/instructor notes. Educational records may be stored in many mediums and are not limited to an individual file.

Educational Record Review

Students have the right to inspect and review their educational record. All requests must be in writing to the Registrar and must identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the students of the time and place where the records may be inspected. If the University official to whom the request was submitted does not maintain the records, that official shall advise the student of the correct official to whom the request should be addressed. The response from the University official will be within 45 days of the receipt of the request for access.

Educational Record Revision

The student may request an amendment to the educational record if they believe it is inaccurate or misleading. The amendment of the educational record does not pertain to the grade assigned by the faculty. The student should write to the Registrar to request the amendment. The request must clearly identify the portion of the record he/she wants changed, specifying why it is inaccurate or misleading. If the University does not amend the record as requested, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

Educational Record and Student Confidentiality

The University of the Incarnate Word will not disclose any personally identifiable information about students (except directory information listed below) without the written consent of the student.

Directory information at the University of the Incarnate Word has been identified as:

- Student's Name
- Participation in officially recognized activities and sports
- Address
- Telephone Listing
- Weight and height of members of athletic teams
- Electronic mail address
- Photograph
- Degrees, honors, and awards received
- Date and place of birth
- Major field of study
- Dates of attendance
- Grade level
- The most recent educational agency or institution attended

Each student has the right to restrict the release of any or all of this information by submitting a written request to the Registrar's Office. School officials with legitimate educational interests may have access to educational records, without the students' consent, if the record is needed in order to fulfill his or her professional responsibilities. School officials are identified as: a person employed by the University in an administrative, supervisory, academic or research, or support staff position, a person or company with whom the University has contracted, a person serving on the Board of Trustees, or a student serving on an official committee, or assisting another school official in performing his or her tasks.

Transcripts

Students may obtain a transcript of academic records from the Registrar's Office after initiating a request through that office. The University reserves the right to withhold transcripts for those students who have not met all conditions for admission or who have outstanding financial obligations.

The normal turn-around time for responding to transcript requests is three-to-five days. However, during peak periods, such as the end of the semester or during registration, response to transcript requests may take longer. There is no charge for the transcript. The fee for same-day-service is \$10.00. Same-day-service is not available during peak periods. Transcripts are limited to 10 per week. Requests beyond 10 transcripts per week will be charged \$5.00 per transcript, payable in advance.

The University will not provide copies of transcripts or test scores received from other institutions. Official documents submitted to the University of the Incarnate Word become the property of the University and cannot be returned. Students should apply to the original institution for official copies of work completed before attendance at the University of the Incarnate Word.

VII. Undergraduate Programs

Academic Literacy

The University offers courses in Mathematics, Reading, and Writing for students entering with a need to acquire competencies for success in mainstream college courses. As part of the Target Core Courses, students who need these courses, based on Assessment Testing or Placement, are required to complete these courses within their first two semesters. Students requiring these developmental courses are limited in what courses they can take before successfully completing these requirements.

Honors Program

The Honors Program at the University of the Incarnate Word offers intellectually gifted and community-minded individuals a customized curriculum and purposeful programs. With the university's mission as the program's philosophical foundation, the concept of social justice, a synthesis of knowledge and faith, and community service are woven throughout the honors curriculum and co-curricular programming.

The Honors Program is a four-year program that provides a training ground for future leaders within the community. Participation aims to provide these student outcomes:

- develop the whole person
- cultivate leaders
- nurture conscientious citizens of the world
- foster the discovery of truth
- encourage students to create a personal synthesis of their knowledge and faith
- promote life-long learning

Students interested in applying to the UIW Honors Program must 1) be an incoming freshman for the new fall semester and 2) have submitted an application to the university. In addition, candidates generally meet the following standards:

- Have a minimum of high school cumulative GPA of 3.5 and
- Have a combined SAT score (Verbal, Math, writing) of 1800 and/or combined ACT score (English, Reading, Math) of 81 (Composite of 27)
- Give evidence of leadership and concern for the common good

The honors curriculum includes nine courses which explore the theme "What does it mean to be human?" and culminates in the senior year with an independent project within the student's major. Honors courses fulfill the university's Core Curriculum requirements in a variety of academic

LEARNING COMMUNITIES

disciplines; seven of those courses (14-16 credit hours) are required of all honors students and three others (10 credit hours) are taken by honors students who need them to fulfill graduation requirements.

Students in the Honors Program are expected to maintain a full-time course load and a minimum grade point average of 3.5; all honors students are expected to graduate at least cum laude, which requires a minimum 3.5 GPA. Honors students also attend a minimum of three co-curricular events per semester such as service, cultural and academic presentations. More information on the Honors Program can be obtained at www.uiw.edu/honors or from the Honors Program Director (210-832-3211).

The UIW honors student will complete seven specified honors courses for a total of fourteen-to-sixteen semester hours. These are the courses required of every honors student:

Courses Required of All UIW Honors Students:

SOCI	1110H	Introduction to the Honors Program	1
PHIL	1381H	The Intellectual Quest	3
RELS	1327H	Theological Anthropology	3
DWHP	1200H	Dimensions of Wellness	2
SOCI/GOVT	4310H	Seminar on Social and Political Thought	3
COMM	4110H	Media and Communication Workshop	1

Plus a research or creative project in the student's major (senior level course, 1-3 hours). The number of hours required will depend on the number of hours of research required in each major and on the nature of the product of the major-required research class.

Additional Courses for Honors Students:

The UIW Honors student who needs courses in the following disciplines to fulfill UIW Core requirements or has room within the 120 semester-hours required for graduation after completing UIW Core, major, minor, or double major requirements will take the following courses. Honors students who may wish to take these courses in excess of 120 hours are encouraged, but not required, to do so:

ENGL	3310H	The Human Story through Literature	3
ENSC	3420H	Human Dominated Ecosystems	4
HIST	3310H	Inquiries/Human Stories of the Modern World	3

Learning Communities

Learning Communities are two or three linked courses that share common themes to create interactive learning partnerships between courses. Students enrolled in these grouped courses become a sharing community; along with their instructors, they collaborate and learn together. Learning Communities launch the educational career for entering first-year students at UIW. Typically, an entering first year

LEARNING COMMUNITIES

student's first semester schedule is built around a learning community cluster of two integrated courses. Learning community offerings satisfy first semester General Education requirements, Honors Program tracks, and discipline-specific clusters for students who have already decided upon their majors.

College of Humanities, Arts, and Social Sciences

Programs Offered

ANTHROPOLOGY

[Course Descriptions, page 304]

Anthropology promotes a conscious and balanced perspective on one's own cultural traditions, and an understanding of human cultural and ethnic diversity as well as of the common realities that unite us all.

ART and ART HISTORY

[Course Descriptions, pages 299]

The program in Art balances studies in the liberal arts and sciences with studio art and art history. Focal areas include a B.A. in Studio Art, a B.F.A. in Studio Art, a minor in Art, a minor in Art History, and a minor in Photography. Course offerings are designed to develop personal awareness and individual self-expression. The goal of the program is to impart an informed understanding of art through creative work and discerning observation, as well as prepare the student for entry into an M.F.A. program and/or for participation in the professional art world, thereby adding to the cultural resources and enrichment of students' lives.

Major Requirements for the B.F.A. in Art:

Recommended Sequence of Courses for the B.F.A.: For a current degree sequence, please visit the department's website.

87 semester hours in Art/Art History as follows:

1. 27 semester hours in Art:

ARTS	1301/2301	Drawing I and II
ARTS	1311/2311	Two-Dimensional Design/Three Dimensional Design
ARTS	2320	Painting I
ARTS	2342	Ceramics I
ARTS	2351	Printmaking I
ARTS	2357	Photography I
ARTS	2361	Sculpture I

2. 6 required hours of lower level Art History:

ARTH 2361 Art History: Ancient Through Medieval

ARTH 2362 Art History: Renaissance to Modern

3. 9 semester hours of upper-division Art courses:

ARTS 3300 Color Theory for Artists

ARTS 4320 Senior Studio

ARTS 4390 Senior Capstone

4. 21 additional hours of a concentration in a single discipline, of which 15 hours must be upper-division, in one of the following areas:

drawing, painting, printmaking, photography, ceramics, or sculpture.

5. 12 additional semester hours of studio art and design electives, six of which must be upper-division.

6. 12 additional hours of upper-division Art History and criticism, all of which must be upper division, as follows:

ARTH 3360 Survey in Contemporary Art

ARTH/PHIL 3375 Philosophy of Aesthetics

6 elective hours of upper-division Art History

Major Requirements for the B.A. in Art:

Recommended Sequence of Courses for the B.F.A.: For a current degree sequence, please visit the department's website.

42 semester hours in Art/Art History as follows:

1. 21 semester hours in Art:

ARTS	1301/2301	Drawing I and II
ARTS	1311/2311	Two-Dimensional Design/Three Dimensional Design
ARTS	2320	Painting I
ARTS	4320	Senior Studio
ARTS	4390	Senior Capstone

2. 12 upper division hours in Art (6 of these may be in ARTH)

3. 9 semester hours in Art History:

ARTH	2361	Art History: Ancient through Medieval
ARTH	2362	Art History: Renaissance to Modern

3 additional upper division hours in Art History.

A minor is required to award this major.

Requirements for a Minor in Art, Two-Dimensional:

ARTS 1301, 1311, 2301, 2320, and 6 upper-division hours in Drawing, Painting, or Printmaking.

Requirements for a Minor in Art, Three-Dimensional:

ARTS 1301, 2311, 2342, 2361 and 6 upper-division hours in Ceramics or Sculpture.

Requirements for a Minor in Art History:

ARTH 2361, 2362, 3360 or 4360, and 6 additional upper-division hours in ARTH.

Requirements for a Minor in Photography:

ARTS 1311, ARTS/COMM 2357, ARTS/COMM 3358, ARTH 3357, ARTS 3360 or ARTS 3365, and one of the following: ARTS 3360, ARTS 3365, ARTS 4355, ARTS 4360, ARTS 4388, COMM 1301, COMM 4315, COMM 4350, THAR 3363, or ARTS 4385 Topics in Photography

ASIAN STUDIES CONCENTRATION

[Course Descriptions, page 395]

A concentration in Asian Studies can be substituted for a minor in many disciplines. This concentration enables students majoring in other areas to gain a perspective on Asia through a range of courses focusing on Asian aspects of curricula in disciplines including History, Political Science, International Studies, English, Modern Languages, Religion, Philosophy, art History, Sociology, Cultural Studies, Business and Economics.

The Asian Studies Concentration requires 21 hours, comprising the following:

1. 9 semester hours distributed as follows:

INST	1310 or	Introduction to International Affairs or
	2332	Introduction to Asian History
HIST	4336	Topics in Chinese History
HIST	4338	Topics in South Asian History

2. 6 semester hours in an Asian language beyond the first two semesters. These six hours may be completed through language study abroad, with approval of the Asian Studies advisor

3. With approval of the Asian Studies advisor, students will select 6 hours from the courses below (3 hours from each group):

▪ A. Asian History and Politics

BINT	4390	International Policies and Relations (involving or related to Asia)
GOVT	3351	Asian Politics
GOVT	4387	Topics in International Relations (involving or related to Asia)
HIST	4350	Topics in World History (involving or related to Asia)

or any course involving or related to Asia from ENGL, RELS, MUSI, COMM, or CLST or approved by the Asian Studies advisor

▪ B. Asian Culture and Philosophy

CLST	3325	Culture Studies Theory
MUSI	3351	Music in Asian Theatre
PHIL	3325	Philosophy of Culture
PHIL	3355	World Philosophy

or any course involving or related to Asia from ENGL, RELS, MUSI, COMM, ARTH or GOVT or approved by the Asian Studies advisor.

CRIMINAL JUSTICE

The mission of the UIW Criminal Justice program is to develop an awareness and knowledge of criminal justice forces and processes within the context of the American social system. The program offers the Bachelor of Arts degree with a major in Criminal Justice and is built from an integrated liberal arts orientation to the discipline. It is not the same program as that offered through the Extended Academic Programs, although some courses are transferable. Emphasizing the history and current operations of the criminal courts, law enforcement and corrections services, this program seeks to foster a critical analysis of criminal justice as a social institution. The program aims to develop informed and conscientious students who understand the responsibilities of working in the criminal justice field. Shaped by the values of an Incarnate Word education, the program will advance the search for truth, social justice, and the common good.

Major Requirements for the B.A. degree with a major in Criminal Justice:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

1. 36 semester hours as follows:

CRJU	1311	Introduction to Criminal Justice
CRJU	2392	Introduction to the U.S. Legal System (cross-listed with GOVT)
CRJU	3322	Criminology (cross-listed with SOCI)
CRJU	3330	Law Enforcement in America
CRJU	3340	Corrections
CRJU	3381	Statistics for the Behavioral Sciences (cross-listed with SOCI)
CRJU	3384	Research Methods In Criminal Justice
CRJU	4301	Senior Seminar in Criminal Justice

2. 12 semester hours of coursework selected from the following courses:

CRJU	3300	Victimology
CRJU	3323	Issues in Contemporary Criminal Justice (cross-listed with SOCI)
CRJU	3325	Drugs and Crime in Society
CRJU	3343	Probation, Parole, And Community Treatment
CRJU	3347	Sociology of the Death Penalty (cross-listed with SOCI)
CRJU	3350	Juvenile Justice
CRJU	3360	Ethics in Criminal Justice

CRJU	3365	Media and Crime
CRJU	3370	Texas Criminal Justice System
PHIL	3385	Justice: Tradition and Transformation
CRJU	3390	Internship in Criminal Justice
GOVT	4316	Constitutional Law II: Civil Liberties and Civil Rights

3. A minor in any other discipline.

Requirements for the Minor in Criminal Justice

12 semester hours (6 upper-division) in CRJU courses

CULTURAL STUDIES

[Course Descriptions, page 358]

Cultural Studies is an interdisciplinary field of research and teaching that investigates culture and seeks to create and transform individual experiences, social relations, and power structures. Courses in this field explore the relations between culture, understood as human expressive and symbolic activities, and cultures, understood as distinctive ways of life.

Combining the strengths of the social sciences and the humanities, Cultural Studies draws on methods and theories used in traditional disciplines such as Literary Studies, Sociology, Anthropology, Communication Studies, History, Philosophy, Political Economy, Psychoanalysis and Religious Studies, among others. By working across the boundaries of these fields, Cultural Studies addresses new questions and problems arising in today's world. As such, Cultural Studies draws on theories and methods not only from traditional disciplines but also from the growing fields of Gender Studies, Ethnic Studies, Post-Colonial Studies, Feminist Studies, and Media Studies. In doing so, the discipline addresses debates concerning the theory of texts and their production; the relationship between culture and politics; the formation of knowledge and institutions; and the nature of cultural antagonisms and crises. In short, Cultural Studies is more than a single body of theory or methods; rather, it is a series of interrelated questions and answers drawn from numerous disciplines.

Students of Cultural Studies will develop flexible tools enabling them to analyze the rapidly changing global environment. They will learn to interpret how different aspects of our social world (gender, race, ethnicity, religion, socio-economic class, etc.) influence how we see our world. The process of doing Cultural Studies involves both students and faculty in the dynamic investigation of personal and social values, social location, and the formation of social institutions and world views.

Major Requirements for a B.A. in Cultural Studies:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

36 semester hours from the following:

1. Required CLST Courses (15 semester hours)

CLST	2315	Introduction to Cultural Studies
CLST	2320	Cultural Studies Method: Inquiry and Evidence
CLST	3325	Cultural Studies Theory
CLST	3110, 3115, 3120	Cultural Studies Colloquia (three 1-hour courses to be taken in the Junior and Senior years)
CLST	4310	Senior Seminar

2. Required CORE Course

ANTH	1311	Cultural Anthropology
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3. CLST -approved electives (18 semester hours; 12 must be upper division)

NOTE: Students must meet all prerequisites for these courses.

ARTH	1310	Masterworks of World Art
ARTH	2361	Art History: Ancient Through Medieval
ARTH	2362	Art History: Renaissance to Modern
ARTH	3350	Latin American Art: 20th Century
ARTH	3357	History of Photography
ARTH	3360	Survey in Contemporary Art
ARTH	3363	Native American Art: Pueblo, Moundbuilders and Archaic
ARTH	3364	Native American Art: Plains, Athapaskan, Pacific Coast
ARTH	3375	Aesthetics: Philosophy of Art and Beauty
ARTH	4350	Modern Art of Mexico
ARTH	4360	Issues in Contemporary Art
ARTS	2357	Photography I
ARTS	3358	Digital Photography
ARTS	3360	Photography II: Documentary Photography
ARTS	3365	Photography II: Directorial Photography
ARTS	4360	Art Photography: Manipulated Images
BINT	4350	Latin American Economics
BMKT	2310	Introduction to Latino Marketing Environment
BMKT	3331	Principles of Marketing
BMKT	3333	Fundamentals of Marketing Communication
BMKT	3334	Service Marketing
BMKT	3340	Retailing
BMKT	3345	Hispanic Marketing
BMKT	3355	Internet Marketing
BMKT	3357	Social Marketing
BMKT	3365	Product Marketing and Brand Management
BMKT	3377	Consumer Behavior

COLLEGE OF HUMANITIES, ARTS, AND SOCIAL
SCIENCES

CART	2305	Visual Language
CART	3315	Visual Narrative Conventions
COMM	1301	Introduction to Mass Communications
COMM	2357	Photography I
COMM	3310	Theories of Communication
COMM	3317	Diversity in the Media
COMM	3320	Aesthetics of Vision and Sound
COMM	3330	Impact of Media on Society
COMM	3340	New Media Narratives
COMM	3370	Organizational Communication and Leadership
COMM	4305	Communications, Technology and Society
COMM	4315	Media Ethics
COMM	4322	Seminar in Selected Film Topics
COMM	4325	Global Media Studies
COMM	4348	Journalism History
COMM	4350	Photojournalism
CRJU	3322	Criminology
CRJU	3325	Drugs and Crime in Society
CRJU	3340	Corrections
CRJU	3343	Probation, Parole and Community Treatment
CRJU	3347	Sociology of the Death Penalty
CRJU	3350	Juvenile Justice
CRJU	3365	Media and Crime
ENGL	2340	Introduction to Women's and Gender Studies
ENGL	2360	Literary Theory
ENGL	2383	Introduction to General Linguistics
ENGL	3310	English Literature Survey
ENGL	3320	American Literature Survey
ENGL	3330	Genre Studies
ENGL	3340	Women's Writing
ENGL	3355	Introduction to Rhetorical Theory
ENGL	3357	Visual Rhetoric
ENGL	4320	Period Studies
ENGL	4340	Major Authors
ENGL	4350	Literary Movements
ENGL	4355	Contemporary Rhetorical Theory
FMGT	1305	Introduction to Fashion Management
FMGT	1307	Cultural Perspectives on Dress
FMGT	2350	Promotional Strategies in Fashion
FMGT	3327	Fashion History
GEOG	1311	World Geography
GEOG	3311	Cultural Geography
GEOG	3312	Geography and Ethnic Groups of Texas and the Southwest

COLLEGE OF HUMANITIES, ARTS, AND SOCIAL
SCIENCE S

GOVT	1391	Human Rights
GOVT	2310	Comparative Politics
GOVT	2320	International Relations
GOVT	2350	Environmental Politics
GOVT	2375	International Organizations
GOVT	3356	Terrorism and Conflict in the International Arena
GOVT	3371	Political Theory
GOVT	4323	Politics of Coffee and Sugar
GOVT	4325	Political Behavior
GOVT	4355	Politics of Developing Areas
GOVT	4363	Political Globalization
GOVT	4385	Topics in American Politics
GOVT	4387	Topics in Comparative Politics/ International Relations
HIST	2322	Texas History
HIST	2332	Introduction to Asian History
HIST	3324	Colonial America
HIST	3326	The Rise of Modern America, 1870-1920
HIST	3327	The United States from World War I to World War II
HIST	3328	The United States Since 1945
HIST	3331	Colonial Latin America
HIST	3332	Latin America Since Independence
HIST	3340	Modern Europe
HIST	4325	Global Human Rights
HIST	4332	Mexico
HIST	4336	Topics in Chinese History
HIST	4338	Topics in South Asian History
HIST	4341	Making History
HIST	4350	Topics in World History
HIST	4352	Topics in U.S. History
MUSI	2346	History of Jazz
MUSI	3348	Studies in World Music
MUSI	3349	Women in Music
MUSI	3350	American Popular Music
MUSI	3351	Music in Asian Theatre
PHIL	3315	Philosophy of Human Nature
PHIL	3318	Theories of Reality and Knowledge
PHIL	3320	Philosophy of Love
PHIL	3325	Philosophy of Culture
PHIL	3332	Ethics
PHIL	3333	Applied Ethics
PHIL	3351	Ancient Philosophy
PHIL	3352	Medieval Philosophy
PHIL	3353	Modern Philosophy
PHIL	3354	Contemporary Philosophy
PHIL	3355	World Philosophy

COLLEGE OF HUMANITIES, ARTS, AND SOCIAL
SCIENCES

PHIL	3365	Philosophy of Religion
PHIL	3370	Philosophy of Science and Technology
PHIL	3375	Aesthetics: Philosophy of Art and Beauty
PHIL	3385	Justice: Tradition and Transformation
PHIL	3390	Philosophy of Black Music
PHIL	3395	Feminist Philosophy
PHIL	4371	Special Topics
PSYC	3330	Human Sexuality
PSYC	3331	Abnormal Psychology
PSYC	3351	Social Psychology
PSYC	3355	Psychology of Women
PSYC	3385	Multicultural Issues
PSYC	4331	History of Psychology
RELS	1305	Introduction to Theology and Ethics
RELS	1315	Origins of Christianity
RELS	1325	The Religious Quest
RELS	1335	Spirituality and Prayer
RELS	2330	Religion, Values and Film
RELS	2335	US Latino/a Spirituality
RELS	2345	World Religions
RELS	3305	Catholic Social Teaching
RELS	3322	Christianity Through Art
RELS	3335	God and Human Sexuality
RELS	3340	Feminist Theology
RELS	3350	Environmental Theology and Ethics
RELS	4300	Women and Faith
RELS	4310	Women in the Christian Tradition
RELS	4320	US Latino/a Theology and Culture
RELS	4330	Death and Belief
RELS	4345	Theologies of Liberation
SOCI	2335	Social Issues Through Cinema
SOCI	3301	Collective Behavior and Social Movements
SOCI	3321	Social Problems and Social Justice
SOCI	3322	Criminology
SOCI	3324	Sociology of Deviance and Mental Illness
SOCI	3332	Culturology and Cross-Cultural Communication
SOCI	3343	Sociology of the Family
SOCI	3344	Social Stratification
SOCI	3345	Sociology of Religion
SOCI	3347	Sociology of the Death Penalty
SOCI	3350	Sociology of Sport
SOCI	3351	Social Psychology
SOCI	3355	Aging in America
SOCI	3361	Urban Sociology
SOCI	3371	Minority Relations
SOCI	3372	Hispanics in America
SOCI	3387	Sociological Theory

SPAN	3311	Culture and Civilization of Spain
SPAN	3312	Culture and Civilization of Latin America
SPAN	3331	Spanish Literature to 1700
SPAN	3332	Spanish Literature since 1700
SPAN	3334	Spanish in the Media
SPAN	3341	Spanish-American Literature to Modernism
SPAN	3342	Spanish-American Literature since Modernism
SPAN	3343	The Literature of US Hispanics
SPAN	4312	Topics in Spanish or Spanish-American Culture and Civilization
SPAN	4313	Topics in Spanish or Spanish-American Literature
THAR	1381	Theatre Appreciation

Requirements for the Minor in Cultural Studies:
21 semester hours

1. Required CLST courses (12 hours)

CLST	2315	Introduction to Cultural Studies
CLST	2320	Cultural Studies Method: Inquiry and Evidence
CLST	3325	Cultural Studies Theory
CLST	3110, 3115, 3120	Cultural Studies Colloquia (three 1-hour courses to be taken in the Junior and Senior years)

2. Required Core Course

ANTH	1311	Cultural Anthropology
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3. CLST - approved electives (6 hours; all must be upper division)

See list of approved courses above.

DANCE

[Course Descriptions, page 359]

Dance courses offer a way of knowing that integrates the body with other fields of knowledge for the development of the whole person. The program offers all students the opportunity to study dance in a nurturing environment wherein each student's physical form and capacity for movement is accepted as worthwhile and unique. Courses are offered at the beginning, intermediate, and advanced levels in a number of different styles to meet the varied needs and interests of students.

ENGLISH

[Course Descriptions, page 370]

The UIW Department of English is committed to the development of reading, thinking, and writing skills in all of the University's students. This commitment extends the university's mission: students find their own voice through the critical study of other voices in language and literature.

The study of English develops reading, thinking, and writing skills. Close reading of texts through critical and theoretical frames and the production of clear and logically-argued writing are foundations that prepare for any profession; administration, business, writing, teaching, law, and diplomatic and social services are all well suited careers for English majors.

Employers value English graduates for their analytical and communication skills and imaginative creativity; the English program reinforces these skills. In addition, the program recognizes that many English students elect Graduate Studies; thus, upper-division courses provide opportunity for students to hone their research skills and to participate in scholarly discourse outside the local university community.

Preparations for academia, employment in corporate or government sectors, and life experience are enhanced by English literary and cultural studies, which encourage students' expressive and analytical responses to their own and others' social identities, and societal and natural environments, both local and global. Consequently, every course in the program, whether dealing with literature, linguistics, language arts, or writing, encompasses a global dimension.

The English faculty is committed to a rotation of course offerings that is sequential and flexible, covering literature and language, theory and practice. Thus, the department offers courses from the following categories: Core, Surveys, Literary Studies and Criticism, Language Arts and Linguistics, Rhetoric and Professional Writing, and Senior Seminar.

Major Requirements for the B.A. with a major in English:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's web site.

1. 36 semester hours in English (27 hours above the core).

A. Core (9 hours)

ENGL	1311	Composition I or
	1311L	Composition I with Lab
ENGL	1312	Composition II
ENGL	2310	World Literature Studies

B. Surveys (6 hours)

ENGL	3310	English Literature Survey
ENGL	3320	American Literature Survey

C. Electives (18 hours)

Students must take at least 6 hours from the Literary Studies and Criticism Branch:

ENGL	2360	Literary Theory
ENGL	3330	Genre Studies
ENGL	3340	Women's Writing
ENGL	4320	Period Studies
ENGL	4340	Major Authors
ENGL	4350	Literary Movements

Students must take at least 3 hours from the Language Arts and Linguistics Branch:

ENGL	2330	Traditional Grammar
ENGL	2383	Introduction to General Linguistics
ENGL	3385	Integrated Language Arts
ENGL	4367	Literature for Children and Young Adults
ENGL	4370	Trends in Linguistics

Students must take at least 3 hours from the Rhetoric and Professional Writing Branch:

ENGL	2365	Professional and Technical Communication
ENGL	3305	Advanced Composition
ENGL	3350	Writing for Business
ENGL	3355	Introduction to Rhetorical Theory
ENGL	3357	Visual Rhetoric
ENGL	3360	Rhetorical Criticism
ENGL	3365	Editing and Publishing
ENGL	3370	Writing for Science and Engineering
ENGL	3375	Creative Writing
ENGL	4355	Contemporary Rhetorical Theory

And 6 additional hours of English Elective courses chosen from any of the above branches.

D. ENGL 4301 Senior Seminar (capstone course)

2. The minimum GPA requirement for the successful “major” is 2.75 overall, and 3.0 in English.

3. Special Topics and Independent Study

From time to time, the English Department may offer a course that is unrelated to the above descriptions. Such courses will be widely publicized and offered as Special Topics.

Under exceptional circumstances, a student may propose a course of study that is not covered by existing courses. If a faculty member is agreeable, this may then be followed as an Independent Study. Independent Study is NOT intended as a way of replacing an incomplete course or one that has been closed.

4. English may be taken with a minor of 18 hours, with a minimum of 6 hours at the advanced level. Subjects that may be studied include Visual Art, History, Philosophy, Cultural Studies, a social science, Business Administration, or a concentration in a Business-related field.

Requirements for the Minor in English:

1. 21 hours in English (12 hours above the core; six hours must be advanced)

A. Core (9 hours)

ENGL	1311	Composition I or
	1311L	Composition I with Lab

ENGL	1312	Composition II
ENGL	2310	World Literature Studies
ENGL	3340	Women's Writing

B. Survey (3 hours)

3 hours of either the English Literature or American Literature Surveys

C. Electives (9 hours)

3 hours from each of the 3 branches listed above.

GOVERNMENT AND INTERNATIONAL AFFAIRS

[Course Descriptions, page 383]

The mission of the Department of Government and International Affairs is to provide majors with a strong foundation to expand awareness and understanding of political life, to stimulate scholarship and continuing interest in government, government service, and international affairs—and to provide a framework for enriching the exposure of majors and the wider university community to the study of government, politics, and issues of public concern. Students also may explore themes of war and peace and the effects of globalization, the role of international law and organizations, and America's leadership in the world.

The Department offers two majors: a Bachelor of Arts in Government and a Bachelor of Arts in International Affairs. The Department also offers a Minor in Government and hosts several Interdisciplinary Concentrations that can substitute for a Minor, including Concentrations in International Affairs, Justice and Peace Studies, Political Economy, and Pre-Law.

The Department's programs are especially designed to develop analytical skills, combining organized knowledge with practical experience that introduces and prepares students for career opportunities in the public as well as non-governmental sectors. Internships are a vital part of the programs. Many occupations today require a college-educated individual who can write and speak well, solve problems, learn new information quickly, and work well with others on a team. Government students prepare for professional training in public policy, public administration, law, graduate education in the policy sciences, as well as employment in government and non-government public sector organizations, including non-profit organizations or businesses relating to international affairs.

Students are strongly encouraged to take at least one Internship course. Up to 6 hours of Internships can be substituted for the same number of hours in the area of focus. To enroll in an internship, students must have a 2.5 GPA overall, a 3.0 GPA in the major, and approval of the instructor.

GOVERNMENT

[Course Descriptions, page 383]

Major Requirements for the B.A. with a major in Government:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

Government Majors must choose from the following degree tracks:

- American Politics
- Comparative Politics/International Relations

Government majors must also complete either a minor or an interdisciplinary concentration in addition to the major. With the approval of their academic advisor, students may construct an individualized interdisciplinary minor. Students who are majoring in Government and taking the concentration in Pre-Law may not count courses toward both the major and the concentration with the exception of GOVT 1315.

39 semester hours are required for the major in Government, as follows:

1. 21 semester hours of required courses:

GOVT	1315	American Politics
GOVT	1316	State and Local Politics
GOVT	2300	Social Science Research Methods
GOVT	2305	Introduction to Political Studies
GOVT	2310	Comparative Politics
GOVT	2320	International Relations
SOCI	3381	Statistics for Behavioral Sciences OR
MATH	2302	Introduction to Probability and Statistics

2. 18 semester hours selected from courses listed under one of the following tracks (A or B):

A. American Politics:

GOVT	1391	Human Rights
GOVT	2342	Law and Social Justice in Movies and Novels
GOVT	2350	Environmental Politics
GOVT	2392	U.S. Legal System
GOVT	3300	U.S. Congress
GOVT	3305	U.S. Presidency
GOVT	3353	Texas Legislative Process
GOVT	3371	Political Theory
GOVT	3375	Moot Court
GOVT	4315	Constitutional Law I: Institutional Powers
GOVT	4316	Constitutional Law II: Civil Liberties and Civil Rights
GOVT	4317	Public Policy
GOVT	4321	US Foreign Policy
GOVT	4325	Political Behavior
COMM	4332	Law and the Media
GOVT	4335	Parties and Elections
GOVT	4365	Political Economy

GOVT 4385 Topics in American Politics

B. Comparative Politics/International Relations: Students who choose to focus in Comparative Politics/International Relations must complete three courses designated as Comparative Politics and three courses designated as International Relations.

1. Select three Comparative Politics courses from the following:

GOVT	1391	Human Rights
GOVT	2350	Environmental Politics
GOVT	3350	European Politics
GOVT	3351	Asian Politics
GOVT	3371	Political Theory
GOVT	4335	Parties and Elections
GOVT	4355	Politics of Developing Countries
GOVT	4365	Political Economy
GOVT	4387	Topics in Comparative Politics/International Relations

2. Select three International Relations courses from the following:

GOVT	2375	International Organizations
GOVT	2376	Model Organization of American States
GOVT	3356	Terrorism and Conflict in the International Arena
GOVT	3376	Model United Nations
BINT	4310	International Economics
BLAW	4320	International Business Law
GOVT	4321	U.S. Foreign Policy
GOVT	4322	National Security Policy
GOVT	4323	Politics of Coffee and Sugar
GOVT	4330	International Law
GOVT	4363	Political Globalization
GOVT	4387	Topics in Comparative Politics/International Relations

Requirements for a Minor in Government:

GOVT 1315, 1316, 2305 and 2310 or 2320; Nine additional semester hours in other GOVT courses, 6 of which must be upper-division. Internships do not meet requirements for the minor.

INTERDISCIPLINARY CONCENTRATION IN INTERNATIONAL AFFAIRS

[Course Descriptions, page 383]

Requirements for the Interdisciplinary Concentration in International Affairs (18 hours total plus Study Abroad). Study Abroad experience may be satisfied through semester abroad, course-based study abroad, or internship abroad.

COLLEGE OF HUMANITIES, ARTS, AND SOCIAL
SCIENCES

1. 6 semester hours of required courses:

GOVT	2300	Social Science Research Methods (or a similar research methods course in another department, with approval of the Advisor)
GOVT	2320	International Relations

2. 6 hours from Group I: Fine Arts and Humanities:

ARTH	2361	Art History: Ancient through Medieval
ARTH	2362	Art History: Renaissance to Modern
ARTH	3350	Latin American Art: 20th Century
ARTH	3357	History of Photography
ARTH	4350	Modern Art of Mexico
CLST	3325	Culture Studies Theory
CLST	2320	Cultural Studies Method: Inquiry and Evidence
CLST	4399	Selected Topics in Cultural Studies
ENGL	2310	World Literature Studies
ENGL	4320	Period Studies- <i>when appropriate</i>
ENGL	4340	Major Authors- <i>when appropriate</i>
ENGL	4350	Literary Movements
HIST	1311	World History I
HIST	1312	World History II
HIST	3331	Colonial Latin America
HIST	3332	Latin America since Independence
HIST	3340	Modern Europe
HIST	4325	Global Human Rights
HIST	4336	Topics in Chinese History
HIST	4338	Topics in South Asian History
HIST	4350	Topics in World History
HIST	4332	Mexico
MUSI	3348	Studies in World Music
PHIL	3325	Philosophy of Culture
PHIL	3355	World Philosophy
PHIL	3385	Justice: Tradition and Transformation
RELS	2345	World Religions
RELS	3322	Christianity through Art
RELS	3350	Environmental Theology and Ethics
RELS	4345	Theologies of Liberation
SPAN	3311	Culture and Civilization of Spain
SPAN	3312	Culture and Civilization of Latin America

3. 6 hours from Group II: Social Sciences and Business:

ANTH	1311	Cultural Anthropology
ANTH/SOCI	3232/3332	Culturology and Cross-Cultural Communication
ECON	2301	Macroeconomics
ECON	4310	International Economics
ECON/BINT	4350	Latin America Economics
BINT	3331	International Business Management
BINT	3345	International Accounting
BINT	3355	International Banking and Finance
BINT	3361	International Marketing
BINT/ECON	4350	Latin America Economics
BINT	4390	International Policies and Relations (Study Abroad)
GOVT	1391	Human Rights
GOVT	2350	Environmental Politics
GOVT	2375	International Organizations
GOVT	2376	Model Organization of American States
GOVT	3356	Terrorism and Conflict in the International Arena
GOVT	3376	Model United Nations
GOVT	4321	U.S. Foreign Policy
GOVT	4322	National Security Policy
GOVT	4323	Politics of Coffee and Sugar
GOVT	4330	International Law
GOVT	4355	Politics of Developing Countries
GOVT	4363	Political Globalization
GOVT	4387	Topics in Comparative/International Relations
GOVT	4387	Topics in Comparative Studies

4. Study Abroad Experience (May be satisfied through semester abroad or internship abroad)

INTERNATIONAL AFFAIRS

[Course Descriptions, page 383]

Requirements for the B.A. with a major in International Affairs: 39 semester hours, as follows:

Government majors must also complete either a minor or an interdisciplinary concentration in addition to the major. With the approval of their academic advisor, students may construct an individualized interdisciplinary minor. Students who are majoring in International Affairs and taking the concentration in Pre-Law may not count courses toward both the major and the concentration with the exception of GOVT 1315.

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website. International Affairs majors must also complete either a minor or an interdisciplinary concentration in addition to the major.

COLLEGE OF HUMANITIES, ARTS, AND SOCIAL
SCIENCE S

1. 15 semester hours of required courses:

GOVT	1315	American Politics
GOVT	2300	Social Science Research Methods (or a similar research methods course in another department, with approval of the Advisor)
GOVT	2320	International Relations
GOVT	3110	International Affairs Colloquium (to be repeated once for a total of 2 hours)
GOVT	4495	International Affairs Capstone

2. 6 Hours of Modern Languages beyond the elementary level

3. 9 credit hours chosen from Group I: Fine Arts and Humanities:

ARTH	2361	Art History: Ancient through Medieval
ARTH	2362	Art History: Renaissance to Modern
ARTH	3350	Latin American Art: 20th Century
ARTH	3357	History of Photography
ARTH	4350	Modern Art of Mexico
CLST	3325	Cultural Studies Theory
CLST	2320	Cultural Studies Method: Inquiry and Evidence
CLST	4399	Selected Topics in Cultural Studies
ENGL	2310	World Literature Studies
ENGL	4320	Period Studies- <i>when appropriate</i>
ENGL	4340	Major Authors- <i>when appropriate</i>
ENGL	4350	Literary Movements
HIST	1311	World History I
HIST	1312	World History II
HIST	3331	Colonial Latin America
HIST	3332	Latin America since Independence
HIST	3340	Modern Europe
HIST	4325	Global Human Rights
HIST	4336	Topics in Chinese History
HIST	4338	Topics in South Asian History
HIST	4350	Topics in World History
HIST	4332	Mexico
MUSI	3348	Studies in World Music
PHIL	3325	Philosophy of Culture
PHIL	3355	World Philosophy
PHIL	3385	Justice: Tradition and Transformation
RELS	2345	World Religions
RELS	3322	Christianity through ART
RELS	3350	Environmental Theology and Ethics

COLLEGE OF HUMANITIES, ARTS, AND SOCIAL
SCIENCE S

RELS	4345	Theologies of Liberation
SPAN	3311	Culture and Civilization of Spain
SPAN	3312	Culture and Civilization of Latin America

4. 9 credit hours chosen from Group II: Social Sciences and Business:

ANTH	1311	Cultural Anthropology
ANTH/SOCI	3232/3332	Culturology and Cross-Cultural Communication
ECON	2301	Macroeconomics
ECON	4310	International Economics
ECON/BINT	4350	Latin America Economics
BINT	3331	International Business Management
BINT	3345	International Accounting
BINT	3355	International Banking and Finance
BINT	3361	International Marketing
BINT/ECON	4350	Latin America Economics
BINT	4390	International Policies and Relations (Study Abroad)
GOVT	1391	Human Rights
GOVT	2350	Environmental Politics
GOVT	2375	International Organizations
GOVT	2376	Model Organization of American States
GOVT	3351	Asian Politics
GOVT	3356	Terrorism and Conflict in the International Arena
GOVT	3376	Model United Nations
GOVT	4321	U.S. Foreign Policy
GOVT	4322	National Security Policy
GOVT	4323	Politics of Coffee and Sugar
GOVT	4330	International Law
GOVT	4355	Politics of Developing Countries
GOVT	4363	Political Globalization
GOVT	4387	Topics in International Relations
GOVT	4387	Topics in Comparative Politics

5. In addition to the courses required for the major, the student must also complete a Study Abroad Experience, which may be satisfied through semester abroad or internship abroad. Substitutions for International students may be available.

JUSTICE AND PEACE CONCENTRATION

[Course Descriptions, page 395]

A concentration in Justice and Peace Studies is intended to provide students with an understanding of the theoretical and philosophical underpinnings of justice, the extent to which society is just and how to promote greater justice, and how to practically address the ways in which they can work toward a more just world. This facilitates the search for and

the communication of truth to help meet the spiritual and material needs of people as articulated in the UIW Mission Statement.

The program is interdisciplinary in nature, drawing upon course and faculty in schools and departments from across the campus. The program takes a broad view of the world and of issues of justice and peace. It is designed to attract students who are preparing for academic, government, nonprofit, or business careers with a focus on justice, peace, and equality and who value the benefits of interdisciplinary learning.

Justice and Peace Studies Concentration (24 hours)

18 hours of the following required courses:

GOVT	1315	American Politics
GOVT	1391	Human Rights
RELS	1360	Christian Ethics
ARTH	3357	History of Photography
PHIL	3385 or 3332	Justice: Tradition and Transformation or Ethics
JUSP	4390	Justice and Peace*

6 hours of the following courses:

ARTH	3360	Survey in Contemporary Art
ARTS	2357	Photography
ARTS	3365	Art Photography: Directorial Photography
ECON	2301	Principles of Macroeconomics
GOVT	2350	Environmental Politics
GOVT	2392	U.S. Legal System
GOVT	3356	Terrorism and Conflict in the International Arena
GOVT	3371	Political Theory
GOVT	4322	National Security Policy
GOVT	4323	Politics of Coffee and Sugar
GOVT	4355	Politics of Developing Areas
GOVT	4365	Political Economy
GOVT	4363	Political Globalization
PHIL	3332	Ethics
RELS	3305	Catholic Social Teachings
RELS	3350	Environmental Theology and Ethics
RELS	4300	Women and Faith
RELS	4345	Theologies of Liberation
SOCI	3321	Social Problems and Social Justice

*Students are also required to participate in a service learning experience or internship which will be part of the requirements for JUSP 4390. Students also will be encouraged to participate in other service learning opportunities which could be accomplished either through a course or through Alternative Spring Break.

POLITICAL ECONOMY CONCENTRATION

[Course Descriptions, page 383]

Requirements for a concentration in Political Economy:

6 semester hours required hours in Government:

GOVT	1315	American Politics
GOVT	2320	International Relations

18 semester hours of required hours in Economics:

ECON	2301	Principles of Macroeconomics
ECON	2302	Principles of Microeconomics
ECON	3325	Econometrics
ECON	3340	Public Sector Economics
ECON	4350	Latin American Economics
ECON	4310	International Economics

6 elective hours in Government from the following courses:

GOVT	2375	International Organizations
GOVT	4321	United States Foreign Policy
GOVT	4322	National Security Policy
GOVT	4323	Politics of Coffee and Sugar
GOVT	4363	Political Globalization
GOVT	4365	Political Economy
HIST	4325	Global Human Rights

GOVERNMENT AND INTERNATIONAL AFFAIRS

[Course Descriptions, page 383]

Washington Internship

Qualified juniors and seniors have an opportunity to earn up to 15 credit hours (9 towards the major) by serving an approved internship in Washington, D.C. for a semester. Placement opportunities include Capitol Hill, the White House, the Department of Justice, the State Department, major law firms, American Civil Liberties Union, U.S. Information Agency, and other government agencies and private sector organizations. Applicants must have a 2.5 overall GPA and a 3.0 GPA in the major and approval of the Department Chair.

HISTORY

[Course Descriptions, page 395]

The mission of the History Department is to provide majors with a firm grounding in the tools of historiography, research, analysis and writing. The Department also provides course work to the general students population in light of its commitment to the mission of the University to produce enlightened, aware citizens of the world.

The curriculum in History leads students to appreciate the development of the contemporary world through the interaction of diverse forces over space and time. The history department supports the global initiatives of

the University through its courses in both world and United States history. The study of history involves analysis and integration of a broad range of knowledge. Students acquire skills that prepare them for graduate school or a variety of careers.

Major requirements for the B.A. with a major in History:
Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

39 semester hours in History as follows:

1. 15 semester hours in History:

HIST	1311	World History, part I
HIST	1312	World History, part II
HIST	1321	The United States to 1865
HIST	1322	The United States since 1865
HIST	2341	Writing in History
HIST	4341	Making History

2. 9 semester hours to be selected from the following United States History courses:

HIST	3324	Colonial America
HIST	3325	U.S. National Period
HIST	3326	The Rise of Modern America, 1870-1920
HIST	3327	The United States from World War I to World War II
HIST	3328	The United States since 1945
HIST	4352	Topics in U.S. History
HIST	4399	Selected Topics (must be U.S. History course)

3. 9 semester hours to be selected from the following Global History courses

HIST	3331	Colonial Latin America
HIST	3332	Latin America Since Independence
HIST	3340	Modern Europe
HIST	4325	Global Human Rights
HIST	4332	Mexico
HIST	4336	Topics in Chinese History
HIST	4338	Topics in South Asian History
HIST	4350	Topics in World History
HIST	4399	Selected Topics (must be World History course)

4. 3 additional hours (upper or lower) hours that, in addition to the courses listed above, can include the following:

HIST	2322	Texas History
HIST	2332	Introduction to Asian History
HIST	4389	History Internship

5. A minor in an approved discipline, or an approved interdisciplinary concentration.

Requirements for the Minor in History

HIST 1311, 1312, 1321, 1322, plus 3 upper-division semester hours to be selected from United Studies History courses and 3 upper-division semester hours to be selected from the World History courses.

LIBERAL ARTS

Required Courses of the Associate of Arts degree with a major in Liberal Arts:

1. Completion of the following Core Curriculum

A. Rhetoric (6 hours)	
ENGL 1311 Composition I or	3
ENGL 1311L Composition I with Lab	
ENGL 1312 Composition II	3
B. Literature and The Arts (6 hours)	
Literature: ENGL 2310 World Literature Studies	3
Fine Art From Art, Art History, Dance, Music	
Theatre Arts core selections	3
C. Philosophy and Religious Studies (6 hours)	
PHIL 1381 Introduction to Philosophy	3
Religious Studies from RELS core selections	3
D. Modern Languages (6 hours)	
Select one language from Modern Languages	
core selection	6
E. History and Social Science (6 hours)	
History from HIST core selections	3
Social Science from ANTH, ECON, GOVT,	
PSYC, SOCI core selections	3
F. Lab Science and Mathematics (7 hours)	
Science w/Lab from BIOL, CHEM, PHYS,	
GEOL, core selections	4
MATH 1304 College Algebra	3
G. Wellness Development (3 hours)	
DWHP Dimensions of Wellness or DWHP Bridge	2
PEHP from Physical Education Selections	1

2. 24 hours that may include selections to satisfy transfer requirements to another four-year institutions or selections of electives for concentrations in areas of interest, or as required for majors specified for baccalaureate degree from the University of the Incarnate Word.

3. 22 Clock hours of Community Service is required

MODERN LANGUAGES

[Course Descriptions, page 466]

Offerings in modern languages develop language proficiency and cultural awareness through collaborative classes where effective communication is the primary goal. Advanced courses in languages from other countries contribute to knowledge about that area as well as the history and structure of their language and literature. These courses allow students to read and respond in writing to another language, since all advanced courses are taught in the language using authentic texts. The advanced topics course is designed to support study abroad in languages not usually taught at the advanced level at UIW.

Requirements for the minor in a Modern Language:

12 hours of courses above the 1000-level in a single modern language, including at least 6 hours at the upper division level. Advanced level courses may be taken at UIW, at another U.S. university, or abroad. An advanced topics course will be used to award credit for coursework taken elsewhere or offered at UIW as an independent study.

1. Required Courses: 12 hours

1311: Elementary Modern Language I

1312: Elementary Modern Language II

2311: Intermediate Modern Language I, Oral Communication

2312: Intermediate Modern Language II, Writing

2. Advanced courses in the Modern Language: 6 hours

For information concerning placement in language courses, possible credit by examination, and cooperative arrangements with other universities, contact the Modern Languages Chair.

For Spanish, refer to the Spanish program requirements and the Spanish course descriptions sections of this catalog.

MUSIC (MUAP, MUSI, MUST, MUTH)

[Course Descriptions, page 419]

The mission of the Department of Music at the University of the Incarnate Word is threefold: to develop skilled musicians by educating the minds, ears, and souls of our music students within the liberal arts tradition; to serve the general student population by enriching the CORE curriculum; and to enhance the musical offerings in the UIW and San Antonio communities.

Music students at UIW receive comprehensive instruction in theoretical, historical and stylistic perspectives, and are provided the opportunity for training in music technology. The Music faculty themselves are active

performers, composers, clinicians, and scholars who bring practical experience and insight into the classroom. Students are provided with ample performance opportunities through ensemble membership and studio/seminar classes. In accordance with the mission of UIW, the Department encourages the development of musicians who are committed to serving the worldwide community with their art.

NOTE: All students wishing to major or minor in Music should contact the Department (210-829-3855) for advising *before* registering for the first semester's classes. Audition and interview required. (See *Policies for Entering Freshmen and Transfer Music Majors and Minors* further in this section.)

Music majors may choose from among four different degree plans:

- The Bachelor of Music in Music Education with a minor in All Level Education;
- The Bachelor of Music in Music Therapy, designed to train students in clinical applications of music, blending musical skills with specialized training in the areas of psychology and the behavioral and natural sciences;
- The Bachelor of Arts in Music, a liberal arts degree designed to prepare students for graduate school and/or careers in the field of music or other fields. Students wishing to pursue music careers may combine this degree with an emphasis in Performance (Vocal or Instrumental) or Composition. (See below for details);
- The Bachelor of Arts in Music with an emphasis in Music Industry Studies, an interdisciplinary degree that combines the study of music with business courses and prepares students for careers in the music business such as music marketing, publishing, studio production for the media, and artist management.

MUAP Note: Students who, at the time of their entrance audition, are deemed unprepared for freshman-level MUAP lessons, will be placed in appropriate preparation courses (MUAP 1244 or MUSI 1311), which will not count toward their degree plan as either music courses or free electives.

Bachelor of Music in Music Education

Major Requirements for the Bachelor of Music in Music Education with a minor in All Level Education: 101-105 credit hours in music, music education, and general education

The student combines the Bachelor of Music in Music Education with a minor in All Level Education. This degree may require up to ten semesters of study and results in all-level teacher certification at the undergraduate level.

A. 28-32 semester hours of musicianship:

MUSI	1100	Introduction to Aural Skills (if required, see Policies for Entering Freshmen)
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MUSI	1300	Introduction to Music Theory (if required, see Policies for Entering Freshman)
MUSI	1191	Aural Skills I
MUSI	1192	Aural Skills II
MUSI	2193	Advanced Aural Skills III
MUSI	2194	Advanced Aural Skills IV
MUSI	1321	Music Theory I
MUSI	1322	Music Theory II
MUSI	2323	Music Theory III
MUSI	3324	Music Theory IV
MUSI	1111	Keyboard Skills I
MUSI	1121	Keyboard Skills II
MUSI	2120	Keyboard Skills IV
MUSI	2110	Keyboard Skills III/Keyboard Proficiency Exam
MUSI	3323	Orchestration
MUSI	3341	Music History I
MUSI	3342	Music History II
MUSI	3348 or	Studies in World Music or
	3351	Music in Asian Theater
MUSI	4323	Form and Analysis

B. 24 credit hours of Applied Music:

- MUSI 4344, Conducting
- 14 credit hours of the principal instrument (MUAP) in either Voice or one focused instrument (Vocal track - MUAP 1276, 1277, 2276, 2277, 3276, 3277; 4276, 4277 Instrumental track - MUAP 1254, 1255, 2254, 2255, 3254, 3255, 4254, 4255)
- 7 credit hours of a major ensemble: Cardinal Band, Cardinal Chorale, Orchestra, Wind Ensemble, Chamber Music, or Jazz Ensemble

C. Recital: MUAP 4088

Students seeking a B.M. in Music Education will perform a recital on their principal instrument during the final semester of their private instruction. See *Recital Policies* further in this section, and the private instruction course syllabus for specifics.

D. 13 credit hours of music education courses:

MUSI	3344	Creative Development in Music I
MUSI	3101	Woodwind Instrumental Techniques
MUSI	3103	Brass Instrumental Techniques
MUSI	3105	String Instrumental Techniques
MUSI	3107	Percussion Instrumental Techniques
MUSI	3361	Vocal Techniques and Diction
MUSI	4343	Creative Development in Music II

All Level Minor in Education:

Students should consult with the UIW Certification Officer (210-829-3132) for more details or changes concerning the minor in All Level Education.

A. 6 credit hours Pre-Professional Requirements:

EDUC	2305	Foundations of Education
EDUC	3345	Critical Concepts in Secondary Education
Admission into Teacher Education Program (no credit hours given)		

B. 24 credit hours Professional Development Sequence:

EDUC	3340	Technology in Education
EDUC	3385	Culturally Responsive Teaching
EDUC	3373	Learning Theories
EDUC	3380	Pedagogy in the Secondary and Middle School
EDUC	3383	Integrative Pedagogy in the Secondary and Middle School
EDUC	4305	Teacher Apprenticeship Seminar
EDUC	4605	Teacher Apprenticeship

Bachelor of Music in Music Therapy

Major requirements for the Bachelor of Music with a major in Music Therapy:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

(98-102 credit hours in Music, Music Therapy, and behavioral/natural sciences)

A. 28-32 credit hours of musicianship:

MUSI	1100	Introduction to Aural Skills (if required, see Policies for Entering Freshman)
MUSI	1300	Introduction to Music Theory (if required, see Policies for Entering Freshman)
MUSI	1191	Aural Skills I
MUSI	1192	Aural Skills II
MUSI	2193	Advanced Aural Skills III
MUSI	2194	Advanced Aural Skills IV
MUSI	1321	Music Theory I
MUSI	1322	Music Theory II
MUSI	2323	Music Theory III
MUSI	3324	Music Theory IV
MUSI	1111	Keyboard Skills I
MUSI	1121	Keyboard Skills II
MUSI	2110	Keyboard Skills III/Keyboard Proficiency Exam
MUSI	3341	Music History I
MUSI	3342	Music History II
MUSI	3348	Studies in World Music

B. 22 credit hours in music development and performance:

- 12 total credit hours of principal instrument in Voice, Piano, or Guitar (Vocal track: MUAP 1276, 1277, 2276, 2277, 3276, 3277, 3277; 4276, 4277; Piano or Guitar track: MUAP 1254, 1255, 2254, 2255, 3254, 3255)

- 6 credit hours of major ensembles: Cardinal Band, Cardinal Chorale, Orchestra, Wind Ensemble, Chamber Music or Jazz Ensemble
- MUAP 2150, Percussion for Music Therapy
- MUSI 4344, Conducting

C. 32 credit hours in Music Therapy:

MUTH	1301	Introduction to Music Therapy
MUTH	2271	Clinical Orientation
MUTH	2351	Music in Therapy I
MUTH	2352	Music in Therapy II
MUTH	3353	Music in Therapy III
MUTH	2388	Piano Improvisation
MUTH	3301	Psychology of Music
MUTH	3305	Creative Improvisation in Therapy
MUTH	4300	Senior Seminar
MUTH	4301	Music Therapy Internship (must be taken twice for a total of 6 credit hours)**

(**Prior to registering for Music Therapy Internship, all Music Therapy majors must pass the Piano Proficiency and a Piano Improvisation Competency exam, and all coursework must be completed. Music Therapy majors may study an instrument in which they are proficient. If, however, their major instrument is not voice, guitar, or piano, Music Therapy majors must achieve competency on voice, guitar, and piano during their coursework prior to their Music Therapy internships.)

D. 19 credit hours in behavioral/natural sciences (including 13 hours taken as part of the Core, indicated by “****”)

PSYC	1301	Introduction to Psychology ***
PSYC	3331	Abnormal Psychology ***
PSYC	2370	Child and Adolescent Development
BIOL	2321/2121	Anatomy and Physiology I and Laboratory ***
EDUC	2315	Survey of Exceptionalities
MATH	2303	Introduction to Probability and Statistics ***

Bachelor of Arts in Music

Major requirements for a Bachelor of Arts in Music:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

(52-56 credit hours in music)

A. 31-35 credit hours of Music theory and history:

MUSI	1100	Introduction to Aural Skills (if required, see Policies for Entering Freshman)
MUSI	1300	Introduction to Music Theory (if required, see Policies for Entering Freshman)
MUSI	1191	Aural Skills I
MUSI	1192	Aural Skills II

MUSI	2193	Advanced Aural Skills III
MUSI	2194	Advanced Aural Skills IV
MUSI	1321	Music Theory I
MUSI	1322	Music Theory II
MUSI	2323	Music Theory III
MUSI	3324	Music Theory IV
MUSI	1111	Keyboard Skills I
MUSI	1121	Keyboard Skills II
MUSI	2110	Keyboard Skills III/Keyboard Proficiency Exam
MUSI	3341	Music History I
MUSI	3342	Music History II
MUSI	3348 or	Studies in World Music or
	3351	Music in Asian Theater
MUSI	4323	Form and Analysis
MUSI	4341	Research and Writing in Music

B. 21 credit hours of Applied Music:

- MUSI 4344, Conducting
- 12 credit hours of principal instrument, either voice or on focused instrument: Vocal track - MUAP 1276, 1277, 2276, 2277, 3276, 3277; 4276, 4277; Instrumental track - MUAP 1254, 1255, 2254, 2255, 3254, 3255, 4254, 4255
- 6 credit hours of major ensembles: Cardinal Band, Cardinal Chorale, Orchestra, Wind Ensemble, Chamber Music, or Jazz Ensemble

Requirements for a B.A. with a major in Music and an Emphasis in Performance: (56-60 credit hours in musicianship)

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

A. 31-35 credit hours of Music theory and history:

MUSI	1100	Introduction to Aural Skills (if required, see Policies for Entering Freshmen)
MUSI	1300	Introduction to Music Theory (if required, see Policies for Entering Freshman)
MUSI	1191	Aural Skills I
MUSI	1192	Aural Skills II
MUSI	2193	Advanced Aural Skills III
MUSI	2194	Advanced Aural Skills IV
MUSI	1321	Music Theory I
MUSI	1322	Music Theory II
MUSI	2323	Music Theory III
MUSI	3324	Music Theory IV
MUSI	1111	Keyboard Skills I
MUSI	1121	Keyboard Skills II
MUSI	2110	Keyboard Skills III/Keyboard Proficiency Exam
MUSI	3341	Music History I
MUSI	3342	Music History II
MUSI	4323	Form and Analysis

MUSI 4341 Research and Writing in Music

B. 25 credit hours of applied and required upper-level Music

- 16 credit hours of principal instrument, either voice or on focused instrument: Vocal track - MUAP 1276, 1277, 2276, 2277, 3276, 3277; 4276, 4277; Instrumental track - MUAP 1254, 1255, 2254, 2255, 3254, 3255, 4254, 4255
- 6 credit hours of major ensembles: Cardinal Band, Cardinal Chorale, Orchestra, Wind Ensemble, Chamber Music, or Jazz Ensemble
- MUAP 4088 Recital: Students seeking a Bachelor of Arts with an Emphasis in Performance will perform a recital on their principal instrument. See Recital Permission Policy (further in this section) and the private instruction course syllabus for specifics.

Requirements for the B.A. with a major in Music and with an Emphasis in Composition (70-74 credit hours in Music)

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

A. 31-35 credit hours of musicianship:

MUSI	1100	Introduction to Aural Skills (if required, see Policies for Entering Freshmen)
MUSI	1300	Introduction of Music Theory (if required, see Policies for Entering Freshman)
MUSI	1191	Aural Skills I
MUSI	1192	Aural Skills II
MUSI	2193	Advanced Aural Skills III
MUSI	2194	Advanced Aural Skills IV
MUSI	1321	Music Theory I
MUSI	1322	Music Theory II
MUSI	2323	Music Theory III
MUSI	3324	Music Theory IV
MUSI	1111	Keyboard Skills I
MUSI	1121	Keyboard Skills II
MUSI	2110	Keyboard Skills III/Keyboard Proficiency Exam
MUSI	3341	Music History I
MUSI	3342	Music History II
MUSI	3327	Counterpoint
MUSI	3348 or	Studies in World Music or
	3351	Music in Asian Theater
MUSI	4341	Research and Writing in Music

B. 21 credit hours of additional coursework and applied music:

- MUSI 4344, Conducting

- 12 credit hours of principal instrument, either voice or on focused instrument: Vocal track - MUAP 1276, 1277, 2276, 2277, 3276, 3277; 4276, 4277; Instrumental track - MUAP 1254, 1255, 2254, 2255, 3254, 3255, 4254, 4255
- 6 credit hours of major ensembles: Cardinal Band, Cardinal Chorale, Orchestra, Wind Ensemble, or Jazz Ensemble

C. 24 credit hours in area of emphasis:

- 12 credit hours of Private Instruction in Composition (MUAP 2256, 2257, 3256, 3257, 4256, 4257)
- MUST 2325, Studio Arranging
- MUSI 3323, Orchestration
- MUSI 3327, Counterpoint
- MUSI 4323, Form and Analysis
- MUAP 4090, Composition Recital

Recital: Students seeking a B.A. with an Emphasis in Composition will perform a senior composition recital that will be at least 1/2 hour in duration. See Recital Permission Policy (further in this section) and composition private instruction syllabus for further details.

Bachelor of Arts with a major in Music Industry Studies

Major requirements for the Bachelor of Arts with a major in Music Industry Studies (46-50 credit hours in music; 20 credit hours in Music Industry courses; 18 credit hours in business):

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

A. 28-33 credit hours of musicianship:

MUSI	1100	Introduction to Aural Skills (if required, see Policies for Entering Freshman)
MUSI	1300	Introduction to Music Theory (if required, see Policies for Entering Freshman)
MUSI	1191	Aural Skills I
MUSI	1192	Aural Skills II
MUSI	2193	Advanced Aural Skills III
MUSI	2194	Advanced Aural Skills IV
MUSI	1321	Music Theory I
MUSI	1322	Music Theory II
MUSI	2323	Music Theory III
MUSI	3324	Music Theory IV
MUSI	1111	Keyboard Skills I
MUSI	1121	Keyboard Skills II
MUSI	2110	Keyboard Skills III/Keyboard Proficiency Exam
MUSI	3341	Music History I
MUSI	3342	Music History II

COLLEGE OF HUMANITIES, ARTS, AND SOCIAL
SCIENCES

MUSI 3348 or 3351 Studies in World Music or
Music in Asian Theater

B. 26 credit hours of Music Industry courses.

MUST 2259 Introductory Internship to Music Industry
Studies
MUST 2340 Introduction to Music Industry Studies
MUST 2350 Music Industry Studies II
MUST 1301 Introduction to Music Technology
MUST 2325 Studio Arranging
MUST 3305 Record Production
MUST 3320 Web Design For Music Applications
MUST 3310 Entertainment Law
MUST 4359 Internship in Music Industry Studies

C. 18 credit semester hours of Applied Music:

- 12 credit hours of principal instrument, either voice or on focused instrument: Vocal track - MUAP 1276, 1277, 2276, 2277, 3276, 3277; 4276, 4277; Instrumental track - MUAP 1254, 1255, 2254, 2255, 3254, 3255; 4254, 4255
- 6 credit hours of major ensembles: Cardinal Band, Cardinal Chorale, Orchestra, Wind Ensemble, Chamber Music or Jazz Ensemble

D. 18 credit hours of business, to be chosen from:

ACCT 2301 Accounting for non-Business majors
BLAW 3317 Business Law I
BMGT 3340 Management Theory and Practice
BMKT 3331 Principles of Marketing
BMKT 3333 Integrated Marketing Communication
BMGT 3354 or Human Resource Management or
BMGT 4355 Organizational Behavior and Leadership

Requirements for the minor in Music:

16-20 credit hours

MUSI 1300 (if required), MUSI 1100 (if required), MUSI 1191, MUST 1192, MUSI 1321, MUSI 1322, MUSI 1111, MUSI 1121, MUSI 3342, Private Instruction (MUAP, 4 credit hours), Major Ensemble (4 credit hours), 3 credit hours upper-division elective (MUSI 3XXX)

Policies for Entering Freshman and Transfer Music Majors and Minors

All students who intend to be Music majors or minors must register for: MUSI 1321 (Music Theory I), MUSI 1111 (Keyboard Skills I), and MUSI 1191 (Aural Skills I) in the first semester, OR MUSI 1100 (Introduction to Aural Skills) and MUSI 1300 (Introduction to Music Theory) in the second semester, depending upon theory diagnostic exam results (see below).

Anyone seeking a B.M. in Music Education or a B.A. with an Emphasis in Performance or Composition must register for both a private lesson (classes designated as MUAP) and a major ensemble from those listed

below. All students on Music scholarship must register for one of the major ensembles every semester:

Major Ensembles:

UIW Cardinal Chorale MUSI 1131

UIW Cardinal Band MUSI 1140

UIW Community Orchestra MUSI 1181

UIW Jazz Ensemble MUSI 1182

UIW Wind Ensemble MUSI 1185

It is strongly recommended that all entering Music majors and minors sign up for a private lesson (classes designated as MUAP), and that entering freshmen participate in one of the ensembles listed above.

- All students wishing to major in Music must contact the Department (210-829-3855) for advising before registering for the first semester's classes. Failure to attend advising before registration may require registration for additional semesters in order to complete the degree.
- All Music majors lacking keyboard background should register for Class Piano (MUSI 1381).
- All entering freshman must demonstrate rudimentary-level knowledge of Music Theory and aural skills by successfully passing an entrance diagnostic exam that will be administered during the first week of classes.
- Students earning less than a 70% evaluation on the written part of the diagnostic must register for MUSI 1300 (Introduction to Music Theory).
- Students earning less than a 70% evaluation on the aural part of the diagnostic must register for MUSI 1100 (Introduction to Aural Skills).
- All entering Music Therapy majors should register for Introduction to Music Therapy (MUTH 1301).
- All entering Music Industries majors should register for Introduction to Music Industries (MUST 2340).

Transfer Students

Transfer students must participate in four semesters of major ensembles (see list above) at University of the Incarnate Word. Transfer students in Teacher Certification must participate in at least three semesters of major ensembles at the University of the Incarnate Word.

Policy for Transfer Credits in Music

All incoming transfer students must contact the Department of Music (210-829-3855) to schedule a placement test in music theory and aural skills before they begin UIW classes. If a student is unable to pass the placement test, the Department reserves the right to assign theory courses for which the student may already be credited by the registrar. The Department also reserves the right not to accept transfer of other upper-division music courses on a case-by-case basis.

Policy for Retaking a Music Course:

Music students may not withdraw (W) or earn less than a C in the same music course more than twice. If on the third attempt the student does not pass the course (earning a letter grade of B- or higher), the student either 1) must change to another music degree or change majors if the course is required for a specific concentration (Music Education, Performance or Composition Emphasis, Music Industries, Music Therapy), or 2) must change to a different major if the course is required for all Music degrees.

Additional information for all Music students:

- All students majoring in Music must pass a Piano Proficiency test before application for graduation can be made.
- Private instrumental and vocal instruction is available to students on a credit basis only. A tutorial fee in addition to tuition is charged.
- Admission to private instruction is open to all UIW students by permission of instructor only. Non-majors seeking beginning-level instruction in guitar, piano, or voice must first take 3 credit hours of group instruction at UIW before they may sign up for private lessons.
- Recital attendance. Each semester the Department presents a variety of musical events by students, faculty, visiting artists, and local performing groups. As an essential part of their musical education, all Music majors are required to attend a minimum of three of these musical events each semester, as well as other musical events as specified in course syllabi.
- Studio Hour and Seminar Class. Each week, a studio hour or seminar class will be devoted to student performances, discussion of interpretation, performance techniques, stage presence, communication with audiences, and related topics. All students enrolled in Applied Music (MUAP) are required to attend these sessions.

Recital Permission Policy for All Students

- In order to qualify to perform a recital, students must first be permitted to register for upper level private instruction courses (MUAP 32XX and MUAP 42XX). Students must submit a written request for permission to perform any recital.
- The request will be submitted to the private instructor in the semester prior to the one in which the recital will take place.
- The request must include a list of the repertoire to be performed on the recital.
- The Music faculty will inform the student within seven days after the current semester's jury whether permission has been granted to perform the recital. In some cases, the faculty may require a recital hearing three weeks prior to the performance date.
- Students planning a degree plan recital in applied private lessons must be enrolled in that area of applied music at the time of the recital.

- The private instructor must give final approval in writing for the performance of the recital three weeks prior to the recital date.
- Students approved for recital must register for MUAP 4088, Recital.
- All recitals MUST take place on the UIW campus, while the student is currently taking lessons from a UIW faculty member.

PASTORAL MINISTRY

[Course Descriptions, page 458]

The Pastoral Institute department offers a bilingual Bachelor of Arts degree with a major in Pastoral Ministry (PMIN), through a collaborative academic arrangement with the Mexican American Catholic College (MACC) in San Antonio, Texas. The degree program is housed in the UIW Pastoral Institute, which serves the Catholic community through education and formation for contemporary ministry. The curriculum is based on solid Catholic biblical and theological foundations with pastoral application to concrete situations in ministry. In keeping with this mission, this program is designed to provide students with a multidisciplinary breadth of knowledge in the liberal arts and Catholic culture; offer a solid foundation in biblical and theological studies in preparation for ministry; ensure language proficiency for ministry in a bilingual (English and Spanish) pastoral setting, and for English-language graduate studies; equip students with the leadership skills and intercultural competencies needed for effective pastoral ministry in today's multicultural dioceses, parishes, and institutions; and offer an optional concentration in Philosophy which fulfills requirements of the United States Conference of Catholic Bishops (USCCB) for seminarians at the college and pre-theology levels.

Students complete the standard required core curriculum courses at UIW's main campus. Most of the courses in the major are offered at MACC and are taught primarily by regular MACC faculty members who have been appointed as UIW part-time faculty. Upon completion of their degree requirements, students receive a UIW degree (Bachelor of Arts in Pastoral Ministry).

Students are subject to all UIW's admissions standards.

This degree program is open to MACC and UIW students alike.

The Bachelor of Arts with a major in Pastoral Ministry requires 121 credit hours for graduation: 43 hours in the UIW Core Curriculum; the specified 39 hours of the foundational core courses in philosophy, theology, and scripture; and 39 hours in a concentration in either Philosophy, Catholic Leadership, or Catechetics. Students will complete the required 45 clock hours in community service.

Major Requirements for a B.A. with a major in Religious Studies:
Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

The Bachelor of Arts degree with a major in Pastoral Ministry requires 121 credit hours for graduation: (A) Core Curriculum (43 hours); (B) Community Service Hours (45 hours); (C) Philosophy, Theology, and Scripture Courses (39 hours); and (D) a Concentration in Philosophy, Catholic Leadership, or Catechetics (39 hours).

Core in Philosophy, Theology, and Scripture (39 hours)

These courses provide a shared course base for each of the three degree concentrations below.

PMIN	1310	Philosophy in the Catholic Tradition
PMIN	1320	Introduction to Theology and Biblical Studies
PMIN	1341	Introduction to Liturgy
PMIN	2320	Catholic Biblical Interpretation—Old Testament
PMIN	2321	Ancient Philosophy
PMIN	2332	Catholic Biblical Interpretation—New Testament
PMIN	3380	The Theology of the Creed: The Faith Professed
PMIN	3381	Christ and Church
PMIN	3382	Sacramental Theology: The Faith Celebrated
PMIN	3385	Moral Theology: The Faith Lived
PMIN	4351	History of the Catholic Church
PMIN	4385	Catholic Spiritual Traditions: The Faith Prayed
PMIN	4387	Ecclesiology (summative assessment course)

NOTE: Substitutions are possible with the approval of the program director.

Concentration in the Major (39 Hours)

Choose one of the following 3 concentrations:

1. Concentration in Philosophy (39 Hours):

This concentration prepares students for the study of Theology and is based on the Church's most fundamental belief in the compatibility of reason and faith. The overall goal is to enable graduates to understand their future theological studies within the context of the Catholic intellectual tradition. This concentration meets the U.S. Catholic Bishops' requirements in Philosophy for admission into a major seminary for studies towards ordination.

A. Requirements include the following:

PMIN	1311	Classical Logic
PMIN	2323	Medieval Philosophy
PMIN	2342	Philosophy of Nature and Being
PMIN	3325	Modern Philosophy
PMIN	3327	Contemporary Philosophy
PMIN	3384	Epistemology
PMIN	4363	Natural Theology
PMIN	4375	Philosophical Anthropology
PMIN	4386	Philosophical Ethics

B. Electives: 6 hours of Pastoral Ministry, Latin, Philosophy, and/or Theology coursework

NOTE: Substitutions are possible with the approval of the program director.

2. Concentration in Catholic Leadership (39 Hours):

This concentration is for those seeking to serve the Church in key lay pastoral ministry leadership positions in diocesan offices, in Catholic schools and organizations, and as parish administrators according to the guide lines outlined in *Co-Workers in the Vineyard of the Lord*. The overall goal is to provide the student with an in-depth knowledge of the Church's teachings and a pastoral plan for implementing best practices for church management, ethical pastoral care, and faithful leadership in today's complex cultural settings.

A. Requirements include the following:

PMIN	1372	Cross-Cultural Competencies for Pastoral Ministry
PMIN	2322	Faith Development and Catechesis in a Multicultural Context
PMIN	2373	Hispanic Ministry in the 21st Century
PMIN	3330	Canon Law for Ministry in Multicultural Communities
PMIN	3374	Stewardship and Financial Management for Catholic Leaders
PMIN	4378	Ethics and Accountability for Catholic Leaders

B. Electives: 21 hours of Pastoral Ministry, Latin, Philosophy, and/or Theology coursework

NOTE: Substitutions are possible with the approval of the program director.

3. Concentration in Catechetics (39 Hours):

Catechetics is the teaching of basic Catholic doctrine. This concentration prepares catechetical leaders to oversee diocesan, parish, and school-based programs for evangelizing and educating adults, teens, children, and families in the Catholic faith. The courses draw from the rich array of the Church's documents on evangelization, catechesis, culture, and Hispanic Ministry. The overall goal is to enable the graduate to design and implement a comprehensive approach to catechesis that begins with the family, builds on the assets of the community and culture being served, and is centered in the sacramental life of the church.

A. Requirements include:

PMIN	1350	Foundations of Evangelization and Catechesis
PMIN	2352	Catechetical Content, Methods, and Curriculum
PMIN	2354	Baptismal Catechumenate (RCIA) and Catholic Formation
PMIN	3356	Family, Culture, and Catechesis

PMIN 3358 Youth and Young Adult Ministry

B. Electives: 24 hours of Pastoral Ministry, Latin, Philosophy, and/or Theology coursework

NOTE: Substitutions are possible with the approval of the program director.

PHILOSOPHY

[Course Descriptions, page 299]

The UIW Department of Philosophy seeks to provide students with a broad orientation to the major branches of Philosophy (Metaphysics, Epistemology, Ethics, and Logic) and to the various ways philosophy has progressed throughout human history (in Western and other global traditions). The primary goal of our program, however, is not merely to promote mastery of philosophical content, but to help cultivate the philosophical spirit by nourishing our students' responsiveness to the wonder of being, their commitment to justice, and their overall capacity to explore philosophical issues with creativity and critical insight.

Philosophy explores the most basic yet wide-ranging issues of human life and experience. The study of Philosophy involves the rational examination of such fundamental notions as truth, beauty, goodness, justice, freedom, reality, knowledge, language, faith, love, death, and God. Its purpose is to broaden the reach of possibilities that all human beings share in their efforts to create intellectually and spiritually meaningful lives.

Philosophy also examines the foundations, processes, and aims of other disciplines - such as Science, Mathematics, Law, and Education, for example - and reflects on such subjects as Religion, Art, History, Literature, health care, and technology.

Major Requirements for a Bachelor of Arts:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

33 semester hours of Philosophy, as follows:

1. 27 semester hours of required courses:

PHIL	1381	Introduction to Philosophy
PHIL	3312	Logic
PHIL	3318	Theories of Reality and Knowledge
PHIL	3332	Ethics
PHIL	3351	Ancient Philosophy
PHIL	3352	Medieval Philosophy
PHIL	3353	Modern Philosophy
PHIL	3354	Contemporary Philosophy
PHIL	3355	World Philosophy

2. 6 additional upper-division hours in Philosophy

3. A minor in any field, or an interdisciplinary minor approved by the Philosophy advisor.

Requirements for the Minor in Philosophy:

PHIL 1381, 3312, 3318, 3332; a choice of one: PHIL 3351, 3352, 3353, 3354 or 3355; 3 additional upper division hours in PHIL.

PSYCHOLOGY

[Course Descriptions, page 297]

Psychology is the scientific study of the behavior and mental processes of humans and other animals. Students will begin to understand how individual thought and behavior are influenced by perception, motivation, heredity, language, cognition, and learning. Instruction focuses on the influence of society and the environment on human personality, and provides insights into the human psyche. Upon the successful completion of the Psychology program, students will have an understanding of the major theoretical perspectives for organizing and understanding human behavior.

Major Requirements for the B.A. with a major in Psychology:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

49-59 semester hours in Psychology as follows:

1. 37 semester hours of required core courses:

PSYC	1301	Introduction to Psychology
PSYC	2310	Critical Thinking and Writing in Psychology
PSYC	2370	Child and Adolescent Development
PSYC	2380	Biology and Behavior
PSYC	3331	Abnormal Psychology
PSYC	3351	Social Psychology
PSYC	3353	Personality
PSYC	3385	Multicultural Issues
PSYC	3472	Learning
PSYC	3381	Statistics for Behavioral Sciences
PSYC	3384	Research Methods
PSYC	4331	History of Psychology

2. 12-22 hours selected from one of four options:

Option A: General Psychology (12 hours)

PSYC 4359 Directed Practicum / Internship
9 semester hours of Psychology electives

Option B: Child and Adolescent Psychology (12 hours)

SOCI 3343 Sociology of the Family
PSYC 4330 Developmental Psychopathology
PSYC 4359 Directed Practicum / Internship
3 semester hours of Psychology electives

Option C: Addiction Prevention Specialist/Community Psychology (22 hours)

This option leads to eligibility for certification as a "certified prevention specialist" in Texas. The option comprises 22 credit hours. No minor is required for this concentration. In addition to the psychology core for the major, these courses are required:

PSYC	3325	Drugs and Modern Society OR
CRJU	3325	Drugs and Crime in Society
PSYC	3340	Drug Use Prevention and Community Psychology
PSYC	3465	Drug Use Prevention and Interventions
PSYC	4380	Psychometrics OR
PSYC	4381	Advanced Statistics
PSYC	4398	Drug Use Prevention Research
PSYC/ CRJU	4490	Drug Use Prevention, Community Interventions, and Criminal Justice

Option D: Experimental Psychology (22 hours) **

PSYC or	4353 or	Social Cognition or
PSYC	4340	Physiological Psychology
PSYC	4380	Psychometrics
PSYC	4381	Advanced Statistics
PSYC	4484	Advanced Research Methods
9 semester hours of Psychology electives		

**NO MINOR REQUIRED with Option D; students will be directed toward the combination of courses that will best prepare them for their post-graduation goals

3. All Psychology majors, EXCEPT those choosing to follow Option C (Addiction Prevention Specialist-Community Psychology) or D (Experimental) are required to have a minor another discipline. The semester hours of the minor will vary according to the discipline. A minor is not required for students who pursue a double-major in Psychology and another discipline on the Bachelor of Arts degree.

Students pursuing a B.A. in this main-campus academic program must take their courses from the main campus Department of Psychology course offerings, not Psychology courses offered through Extended Academic Programs (e.g., Virtual University).

Minor in Psychology:

Requirements are 15 semester hours as follows:

PSYC	1301	Introduction to Psychology
PSYC	3331 or 3353	Abnormal Psychology or Personality

9 semester hours of Psychology electives, three of which must be upper-division

(The following 6 semester hours are strongly recommended for those students who plan to pursue a graduate degree in Psychology)

PSYC	3381	Statistics for Behavioral Science
PSYC	3384	Research Methods

Prerequisites are listed with the course descriptions.

RELIGIOUS STUDIES

[Course Descriptions, page 458]

In keeping with the University's mission, the Department of Religious Studies has a two-fold mission: to familiarize all students with the Roman Catholic tradition within the broader religious and global context in which they live, and to expose all students to the multidimensional and interdisciplinary methods utilized within the fields of religious studies and theology.

Since the University of the Incarnate Word is a Roman Catholic university, the faculty believes it is necessary to provide the general student body with an opportunity to understand this tradition. We believe our students must come to terms with the reality of diversity, both religious and cultural. Introductory department courses are designed to help them achieve these goals.

Students interested in majoring in Religious Studies must be familiar with a variety of dimensions of the field and be acquainted with a number of critical methodologies applicable to the study of religion. Knowledge of both areas provides an academic foundation for advanced study in religious studies and theology. Advanced courses are designed to help them fulfill these goals.

Major Requirements for a B.A. with a major in Religious Studies:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website. Some courses may be listed in more than one area. However, they may only fulfill one area requirement for the major.

36 semester hours as follows:

1. Religious Studies Required Courses: (18 semester hours)

RELS	1305	Introduction to Theology and Ethics
RELS	1315	Origins of Christianity
RELS	1325	The Religious Quest
RELS	1335	Spirituality and Prayer
RELS	3345	World Religions
RELS	4370	Senior Seminar

2. 9 semester hours from the following:

Biblical Studies (3 hours)

RELS	3301	Bible: Genesis to Kings
RELS	3315	Gospel and Acts
RELS	3310	Pauline Literature
RELS	3399	Contemporary Issues

Theological Studies (3 hours)

RELS	3303	Understanding Catholicism
RELS	3335	God and Human Sexuality
RELS	3340	Feminist Theologies
RELS	3350	Environmental Theology and Ethics
RELS	3365	Christian Worship
RELS	3399	Contemporary Issues
RELS	4320	U.S. Latino/a Theology and Culture
RELS	4330	Death and Belief
RELS	4360	Theologies of Liberation
RELS	4362	Lay Leadership of Public Prayer

Religion and Culture (3 hours)

RELS	3305	Catholic Social Teachings
RELS	3322	Christianity through Art
RELS	3325	Arts for Christian Worship
RELS	3329	Religion in America
RELS	3330	Religion, Values, and Film
RELS	3335	God and Human Sexuality
RELS	3345	World Religions
RELS	3350	Environmental Theology and Ethics
RELS	3355	U.S. Latino/a Spirituality
RELS	3370	Christian Ethics
RELS	3399	Contemporary Issues
RELS	4300	Women and Faith
RELS	4310	Women in the Christian Tradition
RELS	4320	U.S. Latino/a Theology and Culture

3. 9 semester hours from one of four options:

Option A: General Religious Studies (9 semester hours)

9 semester hours of RELS electives

Option B: Biblical Studies (9 semester hours from the following)

RELS	3301	Bible: Genesis to Kings
RELS	3310	Pauline Literature
RELS	3315	Gospel and Acts
RELS	3399	Contemporary Issues

Option C: Catholic Studies (9 semester hours from the following)

RELS	3303	Understanding Catholicism
RELS	3305	Catholic Social Teachings
RELS	3320	Christian Symbols and Celebrations
RELS	3355	U.S. Latino/a Spirituality
RELS	3365	Christian Worship

RELS	3370	Christian Ethics
RELS	3399	Contemporary Issues
RELS	4320	U.S. Latino/a Theology and Culture
RELS	4360	Theologies of Liberation

Option D: Theological Studies (9 semester hours from the following)

RELS	3303	Understanding Catholicism
RELS	3335	God and Human Sexuality
RELS	3340	Feminist Theologies
RELS	3350	Environmental Theology and Ethics
RELS	3365	Christian Worship
RELS	3399	Contemporary Issues
RELS	4320	U.S. Latino/a Theology and Culture
RELS	4330	Death and Belief
RELS	4360	Theologies of Liberation
RELS	4362	Lay Leadership of Public Prayer

4. RELS 4x49 Field Education (under the direction of UIW RELS faculty) is recommended. One to three credit hours.

5. 6 semester hours of Philosophy is recommended.

6. Second major or a concentration or minor of 12-18 semester hours (6 upper-division hours) is recommended.

Requirements for a Minor in Religious Studies:

1. 9 semester hours from the following:

RELS	1305	Introduction to Theology and Ethics
RELS	1315	Origins of Christianity
RELS	1325	The Religious Quest
RELS	1335	Spirituality and Prayer

2. 9 additional semester upper-division hours

The minor in Religious Studies is recommended both for students interested in religious education and/or church ministry, and for those wishing to augment their academic background in the area to support the liberal arts dimension of their chosen professional career (e.g., law, medicine, business).

Students who plan to pursue the major in Religious Studies must formally apply and be admitted as a major as soon as possible upon the completion of 30 semester hours, at least 15 of which must be from the University of the Incarnate Word. To be eligible for admission to the RELS major, a student must have at least a 2.25 cumulative GPA. Without special arrangements, RELS courses taken before 1990 or courses taken at a non-catholic institution will not fulfill the 36 hour requirement for a major or the 18 hour requirement for the minor. Lower division classes are at the 1000 and 2000 levels, and upper division classes are at the 3000 and 4000 levels.

Students interested in a major or minor in RELS should consult with the Chair of the Department of Religious Studies.

Undergraduate Certificate in Religious Studies:

A certificate in Religious Studies will be awarded to students who complete 18 semester hours of Religious Studies coursework.

Pastoral Institute

Through the Pastoral Institute department, UIW offers undergraduate and graduate programs designed to prepare students for a variety of lay ministries in the church, including religious education at all levels, youth and campus ministry, parish leadership roles, and liturgical ministries.

Undergraduate Certificate in Pastoral Studies

This certificate is awarded on completion of 16 semester hours of study through the Pastoral Institute department, distributed over the three areas of Scripture, Theology, and Ministry. Undergraduate Religious Studies courses are also applicable. Courses are selected with reference to the student's previous studies and educational, personal and ministerial goals. For further information on this program, contact the Director of the Pastoral Institute.

SOCIOLOGY

[Course Descriptions, page 463]

The mission of the Department of Sociology is to provide the major with a strong foundation in sociological theory and research within the context of a modern sociological curriculum. The Department is committed to the development of the "sociological imagination" and the fostering of action based on a progressive social consciousness. The Department is guided by the values of Catholic social doctrine, the mission of the University, and a high regard for scholarly academic work that leads to the enhancement of knowledge.

Sociology is a social science that studies society and the social activity of human beings. Sociologists are interested in discovering and explaining how and why people think, feel, and act the way they do, focusing on groups and categories of people sharing common characteristics. Empirical evidence, derived from scientific investigation, is fundamental to sociological inquiry. Sociological studies include culture, religion, government, economy, education, family, crime, sports, and race relations.

Major Requirements for a B.A. with the major in Sociology:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

Plan A: Academic Specialization

36 semester hours as follows:

1. 15 semester hours of required courses:

SOCI	1311	Introduction to Sociology
SOCI	3351	Social Psychology
SOCI	3381	Statistics for Behavioral Sciences
SOCI	3384	Research Methods
SOCI	3387	Sociological Theory

2. 21 additional semester hours in Sociology, at least 12 of which are upper division.

3. A minor in any other field.

Plan B: Professional Specialization

48 semester hours, distributed as follows:

1. 24 semester hours of required courses:

SOCI	1311	Introduction to Sociology
SOCI	3332	Culturology and Cross-Cultural Communication
SOCI	3344	Social Stratification
SOCI	3351	Social Psychology
SOCI	3371	Minority Relations
SOCI	3381	Statistics for Behavioral Sciences
SOCI	3384	Research Methods
SOCI	3387	Sociological Theory

2. One of the following options (6 hours):

SOCI	3355	Aging in America and SOCI 3356 Death in America
SOCI	3322	Criminology and SOCI 3323 Special Issues in Criminal Justice
SOCI	3343	The Family and PSYC 2370 Child and Adolescent Development

3. 6 additional hours in Sociology

4. The following 12 hours:

SOCI	4359/4360	Directed Practicum/Internship I, II
BMGT	3340	Management Theory and Practice
BMGT	3354	Human Resource Management

Requirements for the Minor in Sociology:

12 semester hours (6 upper-division) in SOCI

SPANISH

[Course Descriptions, page 466]

The Offerings in Spanish develop language proficiency and cultural awareness through collaborative classes where effective communication is the primary goal. Advanced courses in Spanish contribute to knowledge about the Spanish-speaking world and the history and structure of the Spanish language and its literature. These courses allow students to read and respond in writing to Spanish-language authors in Spanish, since all advanced courses are taught in the language using authentic texts. Students also interact in Spanish to promote language competence approaching that of native speakers.

Major Requirements for the B.A. with a major in Spanish

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

1. 33 semester hours of Spanish courses as follows:

A. Language requirements (9 hours)

SPAN	2311	Intermediate Spanish I: Oral Communication
SPAN	2312	Intermediate Spanish II: Writing
SPAN	3301	Advanced Spanish Grammar and Composition

NOTE: The number of hours the student will be required to take to meet this requirement will be determined by a placement test given by the department. As a result of the placement test, any of these language requirements may be waived, but a subsequent waiver does not remove the student from having to fulfill the total 33-hour requirement for the major. Course electives in Spanish should be taken to complete the 33 hours.

B. Linguistics requirements (6 hours)

SPAN	3321	Introduction to Hispanic Linguistics
SPAN	3322	Spanish Phonetics and Oral Communication

NOTE: In addition to Spanish 3321 and Spanish 3322, candidates for teacher certification must take Spanish 3337, Applied Linguistics for Teaching, for a total of 9 hours to fulfill the Linguistics requirement.

C. Literature requirements (6 hours)

SPAN	3331 or	Spanish Literature to 1700 or
	3332	Spanish Literature since 1700
SPAN	3341 or	Spanish-American Literature to Modernism or
	3342	Spanish-American Literature since Modernism

D. Culture requirements (6 hours)

SPAN	3311	Culture and Civilization of Spain
SPAN	3312	Culture and Civilization of Latin America

E. Electives in Spanish to complete the required 33 hours in the major.

2. A minor in any other field, or an approved interdisciplinary concentration of 18 semester hours, including 6 upper-division hours.

Requirements for a Minor in Spanish:

(A) Spanish Studies Minor: 12 hours of courses above the 1000-level, including at least 6 hours at the upper division level. Courses at the 3000 level and above will be taught entirely in Spanish.

(B) Spanish Proficiency Minor: 21 semester hours in Spanish as follows (courses taught at the 3000 level and above will be taught entirely in Spanish):

1. Required Courses: 18 hours

- a) SPAN 1311, Elementary Spanish I
- b) SPAN 1312, Elementary Spanish II
- c) SPAN 2311, Intermediate Spanish I: Oral Communication
- d) SPAN 2312, Intermediate Spanish II: Writing
- e) SPAN 3301, Advanced Spanish Grammar and Composition
- f) SPAN 3312, Culture and Civilization of Latin America

2. Elective Course: 3 hours advanced Spanish elective

Credit for SPAN 1311 and SPAN 1312 may be earned through a CLEP exam or any other institutionally-approved competency exam. Additionally, an instructor may determine that the student's abilities warrant placement at a higher level, through an oral proficiency interview or written placement exam. However, such placement does not constitute credit, and the student is required to take additional courses in advanced Spanish to complete the 21-hour minor.

For information about a minor in other languages, refer to the Modern Languages section in this catalog.

THEATRE ARTS

[Course Descriptions, page 471]

The Mission of the Department of Theatre Arts focuses on three main goals: to provide our majors with a strong, basic foundation in the performing arts that will enable them to pursue post-graduate educational and professional opportunities in Theatre; to enhance the general education of the University's CORE curriculum; and to enrich the cultural, spiritual, and intellectual lives of our on-campus and San Antonio communities.

The Department provides its majors with a liberal arts program of study leading to a Bachelor of Arts in Theatre. This program affords its graduates a thorough understanding of the art form: its performance conditions, representative dramatic literature, and major practices--past

and present. Through the study of Theatre Arts, UIW students have the opportunity to learn analytic methods that enable them to think critically and to become creative problem solvers, thereby assisting in their preparation for advanced professional study in a variety of fields that respect a well-balanced liberal arts degree. Upon completion of their degree, UIW graduates are prepared to undertake specialized training in a variety of graduate Theatre Arts study areas or to pursue a career in professional theatre.

The Department views its production season as both an extension of its educational program and a site of artistic and intellectual expression. In its presentation of four to five theatrical productions each year, the Theatre Arts faculty commits itself to collaborative teaching in order to support diversity of approaches and techniques as well as to demonstrate integrated artistic cooperation. The Department adheres to a policy of equal opportunity in casting and in the assignment of production responsibilities. Participation in the academic year production season is open to any student enrolled in UIW, and is required of Theatre Arts majors. Through the production season, we provide the opportunity to participate and to witness major dramatic genres and theatrical styles.

The Theatre Arts program holds accreditation by the National Association of Schools of Theatre.

Major Requirements for the B.A. with a major in Theatre Arts:

Recommended Sequence of Courses in the major: For a current degree sequence, please visit the department's website.

1a. 33 semester hours in required Theatre Arts courses including 12-15 upper division hours

THAR	1191	Theatre Practicum
THAR	1321	Beginning Acting
THAR	1322	Intermediate Acting
THAR	1380	Introduction to Theatre
THAR	2192	Theatre Practicum
THAR	2193	Theatre Practicum (may be repeated for credit)
THAR	2360	Introduction to Technical Production
THAR	2380	Play Analysis
THAR	2361	Introduction to Theatre Design
THAR	3381	The Development of Drama and Theatre I
THAR	3382	The Development of Drama and Theatre II
THAR	4331	Fundamentals of Directing
THAR	4333	Senior Studio (capstone course)

1b. 3 Additional hours in Theatre Arts Practicum or Advanced Theatre Arts Practicum Courses

2. An additional 12 semester hours in elective Theatre Arts courses, including 9 upper-division semester hours, to be selected from one or more of the following areas:

Performance:

THAR	2324	Stage Movement
THAR	2325	Theatre Voice and Speech Studies
THAR	3304	Children's Theatre
THAR	3323	Acting in Verse
THAR	3324	Selected Topics in Performance (may be repeated for credit)
THAR	3326	Advanced Acting
THAR	4303	Creative Dramatics

Design/Tech:

THAR	2242	Basic Stage Make-up
THAR	3344	Costume Construction
THAR	3341	Costume Design
THAR	3362	Scene Design
THAR	3363	Light Design
THAR	4342	Costume History (cross-listed with FMGT)

General Studies:

THAR	1381	Theatre Appreciation (Non Majors)
THAR	1320	Acting in Everyday Life (Non Majors)
THAR	2380	Play Analysis
THAR	4301	Creativity in the Arts
THAR	4383	Dramatic Theory and Criticism
THAR	4387	American Theatre (cross-listed with ENGL)
THAR	4385	Shakespeare (cross-listed with ENGL)
THAR	4393	Reading and Research in Theatre Arts
THAR	4399	Selected Topics in Theatre Arts

Requirement for a Minor in Theatre Arts:

18 hours as follows (including 6 upper division hours):

THAR	1321	Beginning Acting
THAR	2360	Introduction to Technical Production

One course selected from the following:

THAR	2380	Play Analysis
THAR	3381	The Development of Drama and Theatre I
THAR	3382	The Development of Drama and Theatre II

Additional 9 hours in elective THAR courses

WOMEN'S AND GENDER STUDIES

[Course Descriptions, page 370]

Informed by the Mission of the University and motivated by the dedication to service and justice that continues to guide the Sisters of Charity of the Incarnate Word, the University's sponsoring congregation, the Concentration in Women's and Gender Studies at UIW emphasizes the dignity of each person and the transformative power of a commitment to truth. Cross-disciplinary in course offerings and housed in the

Department of English, this concentration grounds students in theory and immerses them in practice so that they are enlightened citizens who advance knowledge and the common good. Following current trends in academia, this program prepares undergraduates for a variety of different career and graduate school paths while providing them with an inclusive, multi-perspective approach to learning. During this preparation students are encouraged to value the voices of others and provide them agency in a variety of forms. By recognizing, engaging, and validating the voices of women and other marginalized groups, students can understand and influence social ideologies as well as cultural norms and shifts based on gender.

Major Requirements for the concentration in Women's and Gender Studies:

(Note: Only one Independent Study course equivalent to three credit hours may be applied to the Women's and Gender Studies Concentration)

1. Required Courses (9 hours):

ENGL	2340	Introduction to Women's and Gender Studies
PHIL	3395	Feminist Philosophy
PSYC	3355	Psychology of Women

2. Electives (9 hours):

ART	3330	Topics in Art History**
BIOL	4480	Research in Behavioral Endocrinology (Pre-requisites in BIOL 1402, 2322, 3430, or CHEM 1302)
CLST	4399	Special Topics in Cultural Studies**
COMM	3333	Women In Media
ENGL	2360	Literary Theory
ENGL	3330	Genre Studies**
ENGL	3340	Women's Writing
ENGL	4340	Major Authors**
ENGL	4350	Literary Movements**
ENGL	4355	Contemporary Rhetorical Theory
ENGL	4399	Special Topics**
GOVT	1391	Human Rights
HIST	4350	Topics in World History**
HIST	4352	Topics in U.S. History**
MUSI	3349	Women in Music
RELS	3340	Feminist Theologies
RELS	4300	Women and Faith
RELS	4310	Women in the Christian Tradition

**Must have clear emphasis on Women and/or Gender; Advisor Approval Required

3. Colloquia Requirement:

In addition to their coursework, students must document their attendance at a minimum of three events related to Women's and Gender Studies. Documentation must be presented to students' advisors.

Dreeben School of Education

EDUCATION

[Course Descriptions, page 362]

Teacher Education is a valued program of study at the University of the Incarnate Word because it so directly addresses the mission to which the University is committed. The emphasis of the program incorporates a broad liberal arts education as a foundation for the more in-depth focus on academic teaching specializations and the body of knowledge associated with the teaching/learning process. The program prepares individuals for a profession in which they can affect society and mankind in significant, positive ways.

The Teacher Education program at University of the Incarnate Word is a field-based program that provides intensive, realistic, and high quality experiences in settings where pre-service teachers can match theory and practice, observe effective teaching practices, encounter diversity, and explore and develop their teaching in close interaction with university faculty.

Programs of Study

NOTE: Students seeking certification from the University of the Incarnate Word's Teacher Preparation Program will be subject to any additional or new requirements, which may be set forth by legislative mandates or by the State Board for Educator Certification.

Baccalaureate degrees are offered with or without certification in Interdisciplinary Studies (early childhood through 6th grade), secondary certification (grades 7 through 12) and all-level certification (early childhood through grade 12). Programs leading to baccalaureate degrees with certification are State Board for Educator Certification approved and are designed to prepare students for initial certification and teaching in elementary and/or secondary schools.

Under the direction of the Dreeben School of Education faculty, students can prepare for initial certification and teaching at the elementary level (Interdisciplinary Studies), secondary level (major with certification), or for all-level certification in specified content areas (major with certification). Additionally, all certification candidates are eligible for the special education minor. See advisor for details.

At present, the University of the Incarnate Word offers certification in the following areas and at the following levels. (Other fields may be available in the future.)

INTERDISCIPLINARY STUDIES

IDS is an EC-6 teaching program resulting in certification for pre-kindergarten through sixth grade. A student following this course of study will take the general education core, the Interdisciplinary Studies major, specialization coursework in reading and special education, pre-professional courses, and the professional development sequence. Students completing the IDS major will also meet the requirements for minors in reading and special education. Upon successful completion of both the program and applicable TExES examinations, the student will be eligible to apply for state certification to teach self-contained EC-sixth grade classes.

The University of the Incarnate Word offers programs approved by the State Board for Educator Certification and the Southern Association of Colleges and Schools, and UIW is a member of the American Association of Colleges for Teacher Education.

GENERAL EDUCATION CORE FOR INTERDISCIPLINARY STUDIES

1. Rhetoric (6 hours)

ENGL	1311 or	Composition I
	1311L	Composition I with Lab
ENGL	1312	Composition II
2. Literature and Fine arts (6 hours):

ENGL	2310	World Literature Studies
THAR	4301	Creativity in the Arts
3. Philosophy and Religious Studies (9 hours):

PHIL	1381	Introduction to Philosophy
RELS	13XX	Religious Studies
3 additional hours from Philosophy or Religious Studies		
4. History and Social Sciences (6 hours):

HIST	1321	The United States to 1865
GOVT	1315	American Politics
5. Mathematics and Natural Sciences (7 hours):

MATH	1304	College Algebra
BIOL	1401	Diversity of Life and Laboratory
6. Second Language (6 hours):

Must be two consecutive courses of the same language or equivalent
7. Wellness (3 hours):

DWHP	1200	Dimensions of Wellness
1 hour additional PE activity		
8. Computer Literacy (3 hours)*

EDUC	3340	Technology in Education
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DREEBEN SCHOOL OF EDUCATION

*Note: Requirement satisfied with Professional Development course

9 . Community Service (45 clock hours) 43
 Total Hours in Core

INTERDISCIPLINARY STUDIES MAJOR

Interdisciplinary Courses

HIST	1322	The United States Since 1865	3
HIST	2322	Texas History	3
GOVT	1316	State and Local Politics	3
ENGL	4367	Literature for Children and Young Adults	3
ENGL	3385	Integrated Language Arts	3
MATH	2374	Mathematics for Elementary Teachers	3
PHYS	2374	Science for Elementary Teachers	3
MATH	2375	Math/Science Pedagogy/Elem Teachers	3
PEHP	3305	Motor Development, Health and Fitness	3
EDUC	3330	Social Studies Instruction	3
EDUC	4345	Creative Play and Play Environments	3

READING MINOR

EDUC	3307	Essentials of Literacy Instruction	3
EDUC	3327	Developing the Fluent Reader	3
EDUC	3337	Developing the Strategic Reader	3
EDUC	3347	Differentiating Literacy Instruction	3

SPECIAL EDUCATION MINOR

EDUC	2315	Survey of Students in Diverse and Inclusive Settings	3
EDUC	3343	Teaching Students with Learning Differences	3
EDUC	3346	Teaching Students with Emotional and Behavioral Disorders	3
EDUC	3349	Special Education Assessment and Evaluation	3

PRE-PROFESSIONAL REQUIREMENTS

EDUC	2305	Foundations of Education	3
EDUC	3367	Teaching Children In Kindergarten and Early Childhood Settings	3

AND Admission to the Teacher Certification Program

Total hours of Pre-Professional Requirements 63

PROFESSIONAL DEVELOPMENT SEQUENCE

EDUC	3340	Technology in Education	3
EDUC	3373	Learning Theories	3
EDUC	3385	Culturally Responsive Teaching	3
EDUC	3375	Teaching Children in Primary Grades	3
EDUC	3377	Teaching Children in the Intermediate Grades	3

DREEBEN SCHOOL OF EDUCATION

EDUC	3379	Instruction and Assessment	3
EDUC	4305	Teaching Apprenticeship Seminar	3
EDUC	4605	Teaching Apprenticeship	6

Total hours of Professional Development 27

Total hours in Interdisciplinary Studies Degree 133

SECONDARY EDUCATION

A secondary teaching program resulting in certification for seventh through twelfth grades is available. A student following this course of study will take the general education core, coursework in a major (teaching field) and a minor in Secondary Education (pre-professional courses, and the professional development sequence). Students pursuing the Secondary Education minor are also eligible to enroll in special education course-work and/or complete the optional special education minor.

Upon successful completion of both the program and applicable TExES examinations, the student will be eligible to apply for state certification to teach seventh through twelfth grades within their specialization field(s).

The following teaching fields are available at the secondary level: English Language Arts, History (grades 8-12), Life Sciences, Physical Sciences, and Mathematics

Students pursuing English Language Arts/Reading certification must also take the following reading courses: EDUC 3307, EDUC 3327, EDUC 3337 or EDUC 3345.

Requirements for a minor in Secondary Education

Pre-Professional:

EDUC	2305	Foundations of Education
EDUC	3345	Critical Concepts in Secondary Education

Professional:

EDUC	3340	Technology in Education
EDUC	3373	Learning Theories
EDUC	3380	Pedagogy in the Secondary and Middle School
EDUC	3383	Integrative Pedagogy in the Secondary and Middle School
EDUC	3385	Culturally Responsive Teaching
EDUC	4305	Teaching Apprenticeship Seminar
EDUC	4605	Teaching Apprenticeship

Requirements for a Minor in Reading, (OPTIONAL):

EDUC	3307	Essentials of Literacy Instruction
EDUC	3327	Developing the Fluent Reader
EDUC	3337	Developing the Strategic Reader
EDUC	3347	Differentiating Literacy Instruction

	or	or
EDUC	3345	Critical Concepts in Secondary Instruction

Requirements for a Minor in Special Education (OPTIONAL):

EDUC	2315	The Survey of Students in Diverse and Inclusive Settings
EDUC	3343	Teaching Students with Learning Differences
EDUC	3346	Teaching Students with Emotional and Behavioral Disorders
EDUC	3349	Special Education Assessment and Evaluation

ALL LEVEL TEACHING

ALVT is an all-level teaching program (EC-12) resulting in certification for early childhood through the twelfth grade. A student will earn a B.A., B.M., or B.S., depending on the specialization chosen. A student following this course of study will take the general education secondary core, specialization coursework, and a minor in all-level education (pre-professional courses and the professional development sequence). Upon successful completion of both the program and applicable TExES examinations, the student will be eligible to apply for state certification to teach elementary through high school level students within their chosen field of study. The following specializations are available to ALVT majors: Art; Music; Physical Education; Spanish and Theatre Arts.

Note: Specific coursework related to each All-Level certification field is outlined under the respective major/specialization.

Requirements for a Minor in All Level Education:

Pre-Professional:

EDUC	2305	Foundations of Education
EDUC	3345	Critical Concepts in Secondary Instruction

Professional:

EDUC	3340	Technology in Education
EDUC	3373	Learning Theories
EDUC	3380	Pedagogy for the Secondary and Middle School
EDUC	3385	Culturally Responsive Teaching
EDUC	3383	Integrative Pedagogy for the Secondary and Middle School
EDUC	4305	Teaching Apprenticeship Seminar
EDUC	4605	Teaching Apprenticeship

Admission to Teacher Certification Program

All students who plan to follow a program leading to initial certification must formally apply and be admitted to the Teacher Certification Program. Applications for admission into Teacher Education are accepted each

semester. The application packet may be picked up from the Education Office.

NO STUDENT MAY TAKE COURSEWORK IN THE PROFESSIONAL DEVELOPMENT SEQUENCE PRIOR TO UNCONDITIONAL ACCEPTANCE INTO THE TEACHER CERTIFICATION PROGRAM.

Specific dates for the TCP application process are announced at the beginning of each semester. Applicants are responsible for meeting posted deadlines. The students must submit application packets containing the following information by the specified deadline.

1. A transcript issued by the Registrar's Office of each college or university attended (an unofficial transcript is acceptable) verifying that:
 - a. At least 60 hours of college core coursework has been completed. Students are responsible for providing all documentation of coursework, including transfer transcripts.
 - b. The student has a cumulative grade point average of a 2.75 or greater at time of application. Students are responsible for maintaining minimum GPA requirement of 2.75 until program completion. All courses taken at all institutions will be calculated to determine the cumulative grade point average. In the event courses are re-taken at the same institution, only the last attempt will be included in the calculation.
 - c. For undergraduates, a grade of "C" or better must have been earned for every course taken; undergraduate students are responsible for maintaining grades of "C" or better in each course until the program is completed. Education minors must earn a grade of "C" or better in all courses in the major, supporting coursework, and the education minor.
2. A copy of a self-updated degree plan. If no degree plan exists for an undergraduate applicant, the student must formally apply to the major through Academic Advising. This application process occurs each fall and spring semester. Specific dates are announced at the beginning of each semester.
3. Verification that all three sections (reading, writing and mathematics) of the THEA (Texas Higher Education Assessment) exam have been successfully completed with a score of 230 or higher.
4. Verification of a score at or above 30% on the Nelson Denny Reading Test.
5. Verification that EDUC 2305: Foundations of Education has been successfully completed or is in progress.
6. Submission of a well-written one-page essay on an educational topic (a score of 4 or higher indicates a passing score). The student will be given a topic on which to write. This "writing sample" will be monitored and completed during a scheduled thirty-minute period. Sign-up times for this writing sample are made available during the application period.

7. Submission of two separate written faculty recommendations. Forms are provided in application packet. Whenever possible, students should seek recommendations from non-education content area faculty members who have had the student in class and can attest to performance in academic coursework.

NOTE: Additional data regarding fitness for teaching - maturity, independence, responsibility, interpersonal relations, etc, - are solicited from the UIW members of the community who have come in contact with the applicant. This data may be considered in the Teacher Education Advisory Council's deliberations described below. This information is of great significance to the decisions made by both the Dreeben School of Education and the university-wide committee regarding acceptance into the Teacher Certification Program.

After all application requirements have been submitted, interviews are scheduled. These interviews usually consist of one hour sessions with five to eight applicants in each session. Dreeben School of Education faculty and administrators as well as University faculty and administrators from other disciplines, will make up the interview teams. Recommendations from the interview teams will then be presented as a component of the applications packet. Teacher Education faculty and the university-wide Teach Education Advisory Council will review the entire application packets and make a recommendation for program admission. A formal letter of unconditional acceptance or denial will be mailed to each applicant by the end of the semester. The committees may also decide to "hold" an application in the event an application requirement is lacking. The Certification Office will not make any announcements as to the status of any applicant until such letters are sent.

ACCEPTANCE INTO THE TEACHER CERTIFICATION PROGRAM DOES NOT GUARANTEE ACCEPTANCE TO THE TEACHER APPRENTICESHIP PROGRAM NOR THE GRANTING OF STATE CERTIFICATION.

Admission to the Teacher Apprenticeship Program

The final courses in the professional development sequence involve supervised teaching, an associated seminar, and the instructional technology course. Undergraduates enroll in the Teaching Apprenticeship, a one-semester experience of supervised teaching in conjunction with a Teaching Apprenticeship Seminar and Technology in Education.

Students must apply for Teacher Apprenticeship the semester BEFORE they plan to apprentice. The Dreeben School of Education, the university-wide Teacher Education Advisory Council, and the State Board for Educator Certification all recommend that students applying for apprenticeship must have completed, or be in the process of completing, all required course-work prior to making application. On a case-by-case basis, the Director of Teacher Education may give approval for

registration in only one three-credit course along with the Apprenticeship coursework; students must request this consideration in writing.

Students wishing to complete the Apprenticeship in the fall semester should apply in the previous spring. Students wishing to do the Apprenticeship in the spring semester should apply the previous fall.

Applications for Teacher Apprenticeship are accepted each fall and spring semester. Specific application dates are announced at the beginning of each semester. Applicants are responsible for adhering to all deadlines. The students must submit application packets containing the following information by the specified deadline:

1. Documentation of full acceptance and good standing in the Teacher Certification Program.
2. A passing score for the content area TExES exam.
3. A transcript issued by the Registrar's office (an unofficial transcript is acceptable) verifying:
 - a. All coursework on degree plan has been completed or is in progress, with the exception of the apprenticeship coursework and seminar, and the option of one additional three-hour course (if approved by the Director of Teacher Education).
 - b. The student has a cumulative grade point average of a 2.75 or greater at the time of application. Students are responsible for maintaining a minimum GPA until program completion. All courses taken at all institutions will be calculated to determine the cumulative grade point average. In the event courses are re-taken at the same institution, only the last attempt will be included in the calculation.
 - c. For undergraduates, a grade of "C" or better must have been earned for every course taken in the major and associated coursework; undergraduate students are responsible for maintaining grades of "C" or better in each course until the program is complete. Students must earn grades of "B-" or higher in professional development courses.
4. An updated degree plan or planning guide verifying the completion of all courses. This includes all transfer credit/work, all courses waived, or all courses substituted, if any.
5. Submission of two separate faculty written recommendations. Forms are provided in application packet. Whenever possible, students should seek recommendations from non-education content area faculty members who have had the student in class and can attest to performance in academic course work.***SEE NOTE BELOW***
6. Submission of a formal paper describing the applicant's philosophy of education. This essay must be typed and must reflect the applicant's experiences and attitudes toward individual teaching style, methods, and goals. This essay may also be included in the applicant's portfolio.

7. A portfolio demonstrating the applicant's experiences and work within the education program. These portfolios are designed to reflect and assess the applicant's growth and expertise within their chosen fields throughout their educational experiences.

NOTE: Additional data regarding fitness for teaching - maturity, independence, responsibility, interpersonal relations, etc., - are solicited from UIW members of the community who have come in contact with the applicant; this data will be considered in the application review as described below. This information is of great significance to the decisions made by both the Dreeben School of Education and the university-wide Council regarding acceptance into the Teacher Certification program. Additional information about Professional Disposition guidelines and procedures can be found in the Teacher Certification Handbook and the Apprenticeship Handbook.

After all application requirements are submitted, interviews are scheduled. These interviews usually consist of one hour sessions with five to eight applicants in each session. Members of the Dreeben School of Education faculty and administration, as well as university faculty and administration from other disciplines, will comprise the interview teams. Recommendations from the interview teams will then be presented as a component of the application packet. Both the Dreeben School of Education faculty and the Teacher Education Advisory Council will review the application packets in their entirety and make a recommendation for program admission. A formal letter of acceptance or denial will be mailed to each applicant by the end of the semester. The committees may also decide to "hold" an application in the event an application requirement is lacking. The Certification Office will not make any announcements as to the status of any applicant until such letters are sent.

In addition to the successful completion of the Teacher Apprenticeship, students must also complete additional requirements to be certified by the State Board for Educator Certification. The Certification Office will provide information to candidates at the time of their application to SBEC.

Application and Approval for State Certification

Application for Texas certification is made available through the Certification Office of the University of the Incarnate Word. Information regarding testing dates, registration deadlines, or testing sites is available from the Teacher Education Office. Application for certification takes place once all coursework, an Apprenticeship, and required state-administered competency examinations (TExES) examinations have been successfully completed.

NOTE: It is the recommendation of the Certification Office that the application for state certification be filed immediately after graduation or upon completion of all required certification requirements,

whichever comes first, to ensure that program changes, if any, do not affect certification status of individual applying.

Students seeking certification approval from the University of the Incarnate Word are subject to any additional or new requirements set forth by legislative mandates or by the State Board for Educator Certification.

Feik School of Pharmacy

Pharmacy Programs Offered

PRE-PHARMACY PROGRAM

The pre-pharmacy curriculum is a rigorous two-year program designed to prepare students for admission to the professional Doctor of Pharmacy program. It includes a liberal arts core of social sciences and the arts, combined with courses in math and the biological, physical and chemical sciences. While satisfying the general college core requirements, the curriculum also equips the student with the intellectual and scientific base essential to academic success in a challenging professional program. The student-friendly atmosphere at UIW includes a variety of athletic, social, musical, dramatic, and religious activities, creating a culturally rich learning environment in which to pursue pre-pharmacy studies.

Coursework (Pre-pharmacy core curriculum) minimum 71 semester hours:

First Pre-Professional Year

Fall - 17 semester hours

CHEM	1301	Chemical Principles I	4
MATH	1311	Precalculus	3
BIOL	2321 / 2121	Anatomy and Physiology I and Lab	4
ENGL	1311 or 1311L	Composition I Composition I with Lab	3
PHIL	1381	Introduction to Philosophy	3

Spring - 17 semester hours

CHEM	1302	Chemical Principles II	4
CHEM	1203L	General Chemistry Lab	
MATH	2312	Calculus I	3
BIOL	2322 / 2122	Anatomy and Physiology II and Lab	4
ENGL	1312	Composition II	3
RELS	1381	Religious Studies	3

Second Pre-Professional Year

Fall - 18 semester hours

CHEM	2311 / 2111	Organic Chemistry I and laboratory	4
MATH	2303	Introduction to Probability and Statistics	3
BIOL	1402	Unity of Life (Biology)	4

FEIK SCHOOL OF PHARMACY

ENGL	2310	World Literature Studies	3
PHAR	2105	Professional (Applied) Development Skills (PADS I)	1
ARTS, MUSI, ARTH, THAR Fine Arts			3*
Spring - 19 semester hours			
CHEM	2312 / 2112	Organic Chemistry II and laboratory	4
BIOL	3471	General Microbiology and Lab	4
PHYS	2305 / 2105	Physics I and Lab	4
PHAR	2110	Professional (Applied) Development Skills (PADS II)	1
SOCJ, PSYC, GOVT, Behavioral Science			3*
HIST	XXXX	History	3*

* Required coursework, may choose one course from within each category

Admission Requirements

Successful applicants to the pre-pharmacy sequence must meet all admission criteria of the UIW including: GPA, high school course difficulty, class rank, SAT or ACT scores, extracurricular activities (including work experience), and letters of recommendation.

Students with excellent grades in appropriate high school and/or post-secondary math and science courses will be placed in the pre-pharmacy cohort. The number of seats in each pre-pharmacy cohort is limited. Students who have not completed higher levels of math and science will be placed in college level math and science and reevaluated at the end of the first semester of study.

Full time students who earn a semester GPA of less than 2.0 in any 12-semester hours or more will be placed on scholastic probation. A cumulative GPA below 2.0 will also be considered as a basis for probationary status. Although attendance at the University is not precluded, students on scholastic probation may no longer continue as a pre-pharmacy major.

Promotion and Retention:

The completion of the pre-pharmacy curriculum does not lead to a degree. Completion of the pre-pharmacy sequence satisfies the educational requirements for application to most pharmacy schools in the United States and Canada. Admission to the UIW professional program in pharmacy is not promised or guaranteed. The student completing the curriculum will have at least 71 hours of core education and science courses that are applicable to a variety of degree paths in the physical and social sciences.

Minimum Requirements for Application to the PharmD program:

Overall minimum GPA of 2.5; 2.5 GPA in science and math courses; Grades of C or better in core science and math courses. (C-minus is not accepted).

PHARMACY COLLEGE ADMINISTRATION TEST (PCAT) Register for UIW school of Pharmacy site #99 must be taken by January of entry year for professional school.

Completion of 80 hours of pharmacy related experience at approved sites prior to matriculation.

H-E-B School of Business and Administration

BACHELOR OF BUSINESS ADMINISTRATION

The BBA degree program goal is to develop in each student a broad understanding of how the elements and processes of business organizations relate to one another and to the external environment. Degree requirements are designed to develop proficiency and confidence in the functional areas of business. In addition to providing the technical skills required for a professional level business position, the ethical considerations of business are emphasized.

Students who successfully complete the BBA program will:

- A. Be able to demonstrate an awareness of domestic and global social issues, and the role of business in solving them;
- B. Demonstrate knowledge in the fundamental practices of business;
- C. Be able to demonstrate technological proficiency in preparation and analysis of an industry standard spreadsheet application;
- D. Demonstrate the ability to think critically and communicate complex ideas through writing.

Accelerated Bachelor of Business Administration/Master in Business Administration

The Accelerated BBA/MBA degree program allows academically prepared and motivated undergraduate students an opportunity to complete degree requirements for both the bachelor and master degrees at an accelerated pace. By linking the curricula of the undergraduate and graduate business programs, not only is student knowledge and skill level reinforced, but students can complete both programs sooner and at less expense than if they enrolled in both programs separately.

The BBA/MBA can be used for any BBA concentration and for any MBA. See the Graduate Bulletin for additional information and degree course requirements.

BBA/MBA Student Eligibility Requirements:

- Students must have completed a minimum of 75 credits hours in their undergraduate program.
- Transfer students must have completed a minimum of one semester as a full-time student at UIW.
- Students must have a minimum accumulated GPA of 3.00.

BBA Degree Requirements:

The BBA degree program affords students the opportunity to select a concentration in a discipline of their choice, to include accounting, banking, personal finance, economics, financial economics, general business, information systems, international business, international economics, management, marketing, political economy, and sport management. A concentration is a minimum of 18 semester hours within a discipline of which a minimum of nine hours must be upper-division hours. In addition, students have the opportunity to complete a minor in accounting, business administration, economics, international business, management, management information systems, and marketing. Academic requirements for award of a concentration, and for award of a minor with a concentration, are defined in the following sections.

Students pursuing the BBA degree must complete MATH 1304, College Algebra, or a higher level mathematics course with a grade of C or Higher.

To fulfill the requirements for the Bachelor Degree in Business Administration, the student must complete the following:

1. 18 semester hours of required lower division business core courses. These courses serve as prerequisites for required upper division business core courses.

ACCT	2311	Principles of Accounting I
ACCT	2312	Principles of Accounting II
ECON	2301	Principles of Macroeconomics
ECON	2302	Principles of Microeconomics
MIS	2321	Introduction to Information Systems
MIS	2325	Personal Productivity Applications

2. 27 semester hours of required upper division business core courses.

BMGT	3370	Business Statistics
BMGT	3371	Management Science
BINT	3331	International Business Management
BLAW	3317	Business Law
BMKT	3331	Principles of Marketing
BMGT	3340	Management Theory and Practice
BFIN	3321	Principles of Financial Management
BMGT	4380	Integrative Business Analysis and Decision Making I
BMGT	4381	Integrative Business Analysis and Decision Making II

3. Additional semester hour requirements established for the student's chosen concentration. Disciplines may offer selected topics to address

special needs and interests. These courses will be listed as 4399 and may be used to satisfy concentration requirements. Refer to descriptions of each concentration for more details.

4. Students may have an option to complete an internship for credit. Refer to the internship descriptions of each discipline for more details. All internships for credit require permission of the internship instructor and registration with the Career Services Internship Program. Internships are primarily an academic and/or intellectual endeavor, with the goal of establishing the link between theory and practice directly related to the student's major field of study. Once the approvals are in place a learning agenda will be established between the internship instructor and the student. Weekly activities and hours worked are reported to the internship instructor and Career Services. Most internships require a minimum GPA of 3.0 and completion of 12 hours of study in the discipline.

The requirements for a Minor in Business Administration:

To fulfill the requirements for the Minor in Business Administration, students must complete the following:

ACCT	2301	Accounting for Non-Business Majors
BINT	3331	International Business Management
BMGT	3340	Management Theory and Practice
BMKT	3331	Principles of Marketing
BLAW	3317	Business Law
MIS	2321	Introduction to Information Systems

ACCOUNTING

[Course Descriptions, page 323]

In Accounting and Auditing, we record, present, and interpret the results of business transactions. Accounting is the language by which businesses report to their stakeholders the results of their operations, comprehensive income, financial position, and changes in cash and equities by analyzing, recording, presenting, and interpreting the results of transactions and events. Because thousands of investors, lenders, workers, regulators and others depend and rely on the financial statements and other reports we audit or prepare, in addition to the clients and employers we work for directly, we honor the public trust.

If you want a career in a challenging environment where you can compete with the best, and where strength of character matters, accounting may be right for you. Our degree plans, based on core competencies identified by the American Institute of Certified Public Accountants, are designed to prepare you with the qualifications to sit for the CPA exam and enter the realm of professional accounting. Our curriculum is intended to develop the decision making and accounting skills needed to enter the profession. Career paths include public

accounting practice, generally as auditors and tax professionals, or as professional accountants in industry, non-profit organizations, or government, and many other opportunities.

Accounting students frequently are leaders of the Accounting Society, the Business Club, Ethics Club, etc., and join our honor society, Delta Mu Delta. Our students often participate in the volunteer tax assistance program--VITA (tax preparation assistance community outreach program). Many accounting students learn on the job by participating in internships. We train people to leverage technology, to analyze and think critically, and to be concerned and enlightened citizens who can become professional accountants.

Requirements for the Accounting Concentration in the BBA:

A. 15 semester hours of required accounting courses:

ACCT	3311	Intermediate Accounting I
ACCT	3312	Intermediate Accounting II
ACCT	3313	Cost Accounting
ACCT	3315	Federal Income Tax I
ACCT	4314	Auditing

B. 9 semester hours of upper division accounting electives.

To qualify to sit for the CPA examination, the Texas State Board of Public Accountancy (TSBPA) requires a degree, and at least 150 semester hours including (a) 30 semester hours of approved upper division accounting courses, (b) 24 hours of approved upper division business courses, (c) an approved three hour course in ethics, and (d) a minimum of 2 semester hours each in both business communications and business or tax research. Students are responsible for meeting these requirements. The requirements change from time-to-time. Consult the TSBPA for more information.

Accelerated Bachelor of Business Administration/Master of Science in Accounting

Upon completion of 150 hours, students in this program may earn both the MS in Accounting and the BBA with an Accounting concentration. The combined BBA/MSA program in accounting offers a thirty-hour graduate degree in a combined five-year program. The program is designed to provide students the opportunity to achieve the professional competencies required to enter the accounting profession, and the opportunity to obtain the credentials required by the TSBPA to sit for the CPA examination. BBA candidates with a declared concentration in accounting, a 3.0 GPA in the undergraduate prerequisite accounting courses, junior standing and permission of their academic advisor, may apply for admission to the MS in Accounting program. Applicants accepted in the program earn up to nine hours of graduate work during the senior undergraduate year. The MSA program is also open to those who already have their bachelor's degree from varied academic backgrounds, including but not limited to

accounting. See the Graduate Bulletin for more information.

Requirements for a Minor in Accounting

The accounting minor consists of 15 semester hours:

- A. ACCT 2311 Principles of Accounting I
- ACCT 2312 Principles of Accounting II

- B. 9 semester hours of upper division accounting electives. Upper division course prerequisites must be observed.

Requirements for a Minor in Financial Planning:

The Financial Planning minor is designed to provide Accounting students an opportunity to gain an understanding of current topics in financial planning as well as to develop the necessary skills to prepare comprehensive financial plans. Students who complete the required courses will fulfill the education requirements to be eligible to take the Certified Financial Planner exam.

The financial planning minor consists of 21 semester hours:

- ACCT 3315 Federal Income Tax
- BFIN 3310 Principles of Financial Planning
- BFIN 3324 Investment Planning
- BFIN 3326 Risk Management and Insurance
- BFIN 4310 Estate Planning
- BFIN 4315 Retirement Planning and Benefits
- BFIN 4381 Case Studies in Financial Planning

FINANCE

[Course Descriptions, page 325]

The Finance program is designed to provide our community with students who have the required skills to be successful in management positions within the banking and financial service industry, business firms, or governmental organizations.

The program is designed to prepare students for careers in private and public employment in the fields of banking, financial planning, corporate finance, investments, and securities markets. This program develops global and social leaders through two different career paths: Financial Planning and Banking.

To fulfill the requirements for award of the Banking and Finance concentration, the student must complete:

- A. 12 semester hours of required courses:
 - BFIN 3310 Principles of Financial Planning
 - BFIN 3322 Intermediate Financial Management
 - BFIN 3324 Investments Planning

BFIN 3325 Money and Capital Markets

B. Choose 12 semester hours from the following courses, depending on your career path selection:

Banking Career Path:

ACCT	3311	Intermediate Accounting I
BFIN	3355	International Banking and Finance
BFIN	3319	Internship in Banking
BFIN	4304	Management of Financial Institutions

Financial Planning Career Path:

These courses along with BFIN 3310 and BFIN 3324 have been certified by the Certified Financial Planners Board of Standards, Inc. (CFP TM--INSERT SYMBOL HERE). The courses meet the criteria for educating individuals who are interested in fulfilling the education requirements for obtaining the CFP--TM certification.

ACCT	3315	Federal Tax Income I
BFIN	3326	Risk Management and Insurance
BFIN	4310	Estate Planning
BFIN	4315	Retirement Planning and Employee Benefits
BFIN	4381	Financial Planning Capstone (this course replaces BMGT 4381 for Financial Planning students only)

ECONOMICS CONCENTRATIONS

Economics is the social science concerned with making optimal choices under conditions of scarcity. Economists derive policy not only in business, but also in politics, health, law, education, religion, and many other fields. The Economics concentrations are an excellent preparation both for numerous non-academic careers and for graduate studies in various disciplines. Concentrations are offered in business economics, financial economics, political economy and international economics.

BUSINESS ECONOMICS

[Course Descriptions, page 327]

Economics provides the guiding principles for most business disciplines, and so students of Business Economics prepare themselves to follow a wide variety of career paths. Economic analysts are employed by departments of marketing, accounting, finance, human resources, and others.

To fulfill the requirements for the economics concentration, students must complete:

A. 12 semester hours of required courses in Economics:

ECON	3325	Econometrics
ECON	3340	Public Finance
ECON	4350	Latin American Economics
ECON	4310	International Economics

B. 9 semester hours of required courses in applied Economics:

ACCT	3311	Intermediate Accounting I
BFIN	3325	Money and Capital Markets
BMKT	3361	International Marketing

Requirements for a Minor in Economics:

ECON	2301	Principles of Macroeconomics
ECON	2302	Principles of Microeconomics
ECON	3325	Econometrics
ECON	3340	Public Finance
ECON	4310	International Economics
ECON	4350	Latin American Economics

FINANCIAL ECONOMICS

Financial economists help firms evaluate investment opportunities and raise funds for operational requirements or expansion. They track and price risks inherent in the firms' activities. Financial economists work in banks as personal financial advisors and wealth managers. A financial economist with a Ph.D., or with an M.B.A. and significant experience, may serve as a teacher and researcher in academic institutions.

To fulfill the requirements for award of the Financial Economics concentration, the student must complete:

A. 12 semester hours of required courses in Economics:

ECON	3325	Econometrics
ECON	3340	Public Finance
ECON	4310	International Economics
ECON	4350	Latin American Economics

B. 9 semester hours of from the following Finance courses:

BFIN	3310	Principles of Financial Planning
BFIN	3322	Intermediate Financial Management
BFIN	3324	Investment Planning
BFIN	3325	Money and Capital Markets

INTERNATIONAL ECONOMICS

[Course Descriptions, page 328]

Students of International Economics prepare to work in companies that conduct business in other countries, serving as analysts of international markets, currency exchange, tariffs, and other international issues.

International economists pursue careers in government, international management, finance and consultation, and journalism.

To fulfill the requirements for the concentration in international economics, the student must complete 21 semester hours of required courses in economics

To fulfill the requirements for the concentration in international economics, the student must complete the following:

A. 12 semester hours of required economics courses:

ECON	3325	Econometrics
ECON	3340	Public Finance
ECON	3350	Latin American Economics
ECON	4310	International Economics

B. 9 semester hours from the following courses:

ACCT	3345	International Accounting
BFIN	3355	International Banking and Finance
BMKT	3361	International Marketing
BLAW	4320	International Business Law
BINT	4390	International Policies and Relations

POLITICAL ECONOMY

[Course Descriptions, page 328]

The Political Economy concentration aims to develop theoretical and empirical understanding of the connections between economics and politics. Students majoring in political science gain an appreciation of the role of economic forces in politics. Economics majors learn how politics influence economic behavior in the real world. Students choosing a concentration in political economy will be especially well prepared for graduate study in economics, political science, or business, and for both academic and non-academic careers in policy analysis, business administration, law, government relations, and other fields.

Requirements for a concentration in Political Economy:

A. 15 semester hours of required hours in Economics:

ECON	2301	Principles of Macroeconomics
ECON	2302	Principles of Microeconomics
ECON	3325	Econometrics

B. 6 semester hours in economics from the following courses:

ECON	3340	Public Finance
ECON	4310	International Economics
ECON	4350	Latin American Economics

C. 6 semester hours required in Government:

GOVT	1315	American Politics
GOVT	2320	International Relations

D. 6 elective hours in Government from the following courses:

GOVT	2375	International Organizations
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GOVT	4317	Public Policy
GOVT	4321	United States Foreign Policy
GOVT	4322	National Security Policy
GOVT	4323	Politics of Coffee and Sugar
GOVT	4355	Politics of Developing Areas
GOVT	4363	Political Globalization
GOVT	4387	Selected Topics in Comparative Politics/International Relations

GENERAL BUSINESS

The general business curriculum allows students desiring a broad background in business administration to design their own area of emphasis, with the approval of their advisor. To fulfill the requirements for award of the general business concentration, the student must complete 18 semester hours in business courses at the 3000 or 4000 level from any of the following eight disciplines: Accounting, Finance, Management, Business Law, Economics, International Business, Management Information Systems, and Marketing. Of these, six semester hours must be at the 4000 level.

MANAGEMENT INFORMATION SYSTEMS

[Course Descriptions, page 333]

The information systems concentration prepares students to solve technical, customer service, and management problems in governmental, business and other community organizations using information management principles and information technology skills.

To fulfill the requirements for the Business Information Systems concentration, the student must complete the following 18 semester hours:

1. 15 semester hours from the following:

MIS	3362	System Analysis and Specification
MIS	3363	Design and Implementation of Databases and Systems
MIS	4310	iOS App Development and Management
MIS	4320	Android App Development and Management
MIS	4363	E-Business Strategy, Architecture and Design

2. Plus 3 semester hours from the following:

BMGT	4346	System and Quality Management
BMGT	4373	Operations Management
MIS	3367	Introduction to Networks and Telecommunications
MIS	4370	Project Management
MIS	4399	Special Topics

Requirements for a Minor in Management Information Systems include completion of:

A. 12 semester hours of required courses:

MIS	2321	Introduction to Information Systems
MIS	2325	Personal Productivity Applications
MIS	3362	System Analysis and Specification
MIS	3363	Design and Implementation of Databases and Systems

B. In addition, students must choose 3 semester hours from the following courses:

MIS	4363	E-Business Strategy, Architecture and Design
MIS	4370	Project Management
MIS	4399	Special Topics

INTERNATIONAL BUSINESS

[Course Descriptions, page 328]

The international business concentration is designed to prepare students with the skills necessary for international trade positions in business, governmental agencies or other organizations involved in global trade.

International business students, other than international students who attend UIW on a student visa, must engage in a meaningful academic international experience outside the U.S as a condition of graduation. Study Abroad, study at a UIW international campus, short course-based/faculty-led programs integrated into a course for which the student is registered, and approved international internships may qualify. Other options for meeting the requirement may be proposed by the student in the semester preceding the experience, and will be considered prior to the experience on a case-by-case basis by the student's advisor.

To fulfill the requirements for the international business concentration, the student must complete the following:

A. 12 hours:

BINT	3355	International Banking and Finance
BINT	3361	International Marketing
BINT	4310	International Economics
BINT	4320	International Business Law

B. In addition, students must choose 6 semester hours from the following courses:

BINT	3345	International Accounting
BINT	4340	International Entrepreneurship
BINT	4360	Cross Border Small Business Forum
BINT	4380	Importing and Exporting
BINT	4390	International Policies and Relations (Study Abroad)
BINT	4399	Special Topics

Students may also elect to take BINT 3319: International Internship in addition to the 18 hours required for the concentration.

To fulfill the requirements for a minor in international business, the student must complete the following:

A. 6 hours from the following courses:

BINT	3331	International Business Management
BINT	3361	International Marketing

B. 9 semester hours from the following courses:

BINT	3345	International Accounting
BINT	3355	International Banking and Finance
BINT	4310	International Economics
BINT	4320	International Business Law
BINT	4340	International Entrepreneurship
BINT	4360	Cross Border Small Business Forum
BINT	4380	Importing and Exporting
BINT	4390	International Policies and Relations (Study Abroad)
BINT	4399	Special Topics

MANAGEMENT

[Course Descriptions, page 330]

The management concentration is designed for students who aspire to assume positions in business organizations, governmental agencies, community/non-profit firms, or ownership/executive-level positions in small entrepreneurial companies.

To fulfill the requirements for award of the management concentration, the student must complete:

A. 12 semester hours as follows:

BMGT	3354	Human Resource Management
BMGT	4340	Management Skills
BMGT	4355	Organizational Behavior
BMGT	4390	Business Ethics

B. 9 hours selected from:

BMGT	4345	Entrepreneurship/Small Business Management
BMGT	4346	Systems and Quality Management
BMGT	4351	Seminar in Business and Society
BMGT	4356	Fundamentals of Organizational Change and Development
BMGT	4363	Electronic Business Strategy, Architecture and Design
BMGT	3380	Business Communication
BMGT	3319	Management Internship
BMGT	4315	Retirement Planning and Benefits
BMGT	4370	Project Management
BMGT	4373	Operations Management
BMGT	4399	Special Topics

Requirements for a Minor in Management include completion of:

A. 12 semester hours as follows:

BMGT	3340	Management Theory and Practice
BMGT	3354	Human Resource Management
BMGT	4355	Organizational Behavior
BMGT	4390	Business Ethics

B. 6 semester hours from the following:

ACCT	2301	Accounting for Non-Business
MIS	2321	Introduction to Information Systems
BMGT	3380	Business Communication
BMGT	4340	Management Skills
BMGT	4315	Retirement Planning and Benefits
BMGT	4351	Seminar in Business and Society
BMGT	4356	Fundamentals of Organizational Change and Development
BMGT	4363	Electronic Business Strategy, Architecture and Design
BMGT	4370	Project Management
BMGT	4373	Operations Management
BMGT	4399	Special Topics

MARKETING

[Course Descriptions, page 335]

The Marketing concentration is designed for students planning to assume managerial responsibilities in marketing, sales, distribution, advertising, and related fields. Students also have the option of choosing a minor in Marketing.

A. To fulfill the requirements for award of the Marketing concentration, the student must complete the following 9 semester hours of required courses:

BMKT	3377	Consumer Behavior
BMKT	4375	Market Research
BMKT	4390	Marketing Management

B. To complete the 12 Marketing elective semester hours for the concentration, students may choose from any upper level Marketing elective.

To fulfill the requirement for a minor in Marketing, the student must complete:

A. BMKT	3331	Principles of Marketing
ACCT	2301	Accounting for Non-Business Majors

B. 12 semester hours from the following courses:

BMKT	3333	Integrated Marketing Communication
BMKT	3334	Service Marketing

BMKT	3340	Retailing
BMKT	3355	Internet Marketing
BMKT	3357	Social Marketing
BMKT	3361	International Marketing
BMKT	3365	Product Design and Brand Marketing
BMKT	3377	Consumer Behavior

SPORT MANAGEMENT

[Course Descriptions, page 471]

The sport management concentration is designed to prepare students for positions of leadership in professional sports, colleges, universities, and non-profit organizations. To fulfill the requirements for award of the sport management concentration, the student must complete the following 18 semester hours:

SMHP	3301	Introduction to Sport Management
SMHP	3302	Human Factors in Sport Management
SMHP	3303	Seminar in Sports Organizations and the Public Market
SMHP	3319	Internship in Sport Management
BMKT	3333	Integrated Marketing Communication
PEHP	4345	Psychomotor Development: Educational Implications

ASSOCIATE OF ARTS IN BUSINESS

This program is intended for students who are not planning to currently complete the Bachelor of Arts degree but are interested in entering the field of business. The Associate of Arts degree requires 34 approved core curriculum hours to include a course in macroeconomics, 18 requires hours within the concentration and 12 elective hours. The degree also requires the completion of community service hours.

Requirements for an Associates of Arts in Business Concentration:

A. The following 18 hours:

ACCT	2311	Principles of Accounting I
MIS	2325	Personal Productivity
BMGT	3340	Management Theory and Practice
BLAW	3317	Business Law
BMKT	3331	Principles of Marketing
BMGT	3370	Business Statistics

B. An additional 12 hours of approved electives

Requirements for an Associates of Arts - Business Information Systems Concentration:

A. The following 18 hours:

ACCT	2311	Principles of Accounting I
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ADMINISTRATION

MIS	2321	Introduction to Information Systems
MIS	2325	Personal Productivity Applications
MIS	2330	Programming Languages I
BMGT	3340	Management Theory and Practice
MIS	3362	System Analysis and Specification

B. An additional 12 hours of approved electives

Ila Faye Miller School of Nursing and Health Professions

The mission of the Ila Faye Miller School of Nursing and Health Professions is to extend the healing ministry of Jesus Christ, the Incarnate Word, through the educational preparation of health professionals. The faculty's goal is to provide excellent student-centered health professions education that will promote leadership

development in the respective health disciplines. Faculty believe in collaborative learning promoting a philosophy of life that values the dignity of the individual and serves as a guide for making ethical-moral decisions. The school seeks to graduate health professionals whose practice is rooted in the spiritual heritage of the Sisters of Charity of the Incarnate Word. Graduates will be prepared as generalist practitioners in their respective disciplines and will be prepared for graduate education.

The Ila Faye Miller School of Nursing and Health Professions offers undergraduate programs in Athletic Training, Kinesiology, Nuclear Medicine, Nursing, Rehabilitative Science, and Sport Management. Each of these programs is described in detail in the following sections under the appropriate department.

NOTE: To provide the student with the most current academic curriculum and to meet accreditation standards, the programs within the School of Nursing and Health Professions use the degree plan and catalog requirements on the date in which the student is admitted to the program and/or major, not the university matriculation date. Students who leave the program and/or major and are re-admitted must follow the degree plan and catalog requirements at the time of re-admission.

Department of Human Performance

(Athletic Training, Dimensions of Wellness, Kinesiology, and Sport Management)

The mission of the Department of Human Performance is to provide a strong professional foundation for students in each major/concentration and to contribute to the Core Curriculum through course work in Wellness and Kinesiology.

ATHLETIC TRAINING EDUCATION

[Course Descriptions, page on page 312]

Program Description

The Athletic Training Education Program (ATEP) at The University of the Incarnate Word promotes the education of future athletic trainers and the development and improvement of the athletic training profession. An athletic trainer is a qualified health care professional educated and experienced in the management of the health care problems associated

with exercise and sports participation. In cooperation with physicians and other health care professionals, the athletic trainer functions as a member of the athletic health care team in secondary schools, colleges and universities, professional sports programs, sports medicine clinics, industrial settings and other athletic health care settings.

Program Vision

The vision of the Athletic Training Program at the University of the Incarnate Word is to provide excellent instruction and clinical experience to produce highly qualified, confident, and successful graduates who serve, educate, and acquire leadership roles in their communities as athletic trainers.

Program Mission

The mission of the program is to prepare graduates who are skilled in the competencies and proficiencies of the National Athletic Trainers' Association Education Council. The program, which leads to the Bachelor of Science in Athletic Training degree, prepares the student to meet the requirements of the Board of Certification examination and the State of Texas licensure examination.

The NATA Education Council identifies thirteen athletic training educational competency and proficiency domains in which to prepare the athletic training student:

- Foundational Behaviors of Professional Practice
- Risk Management and Injury Prevention
- Pathology of Injuries and Illnesses
- Orthopedic Clinical Examination and Diagnosis
- Medical Conditions and Disabilities
- Acute Care of Injuries and Illnesses
- Therapeutic Modalities
- Conditioning and Rehabilitative Exercise
- Pharmacology
- Psychosocial Intervention and Referral
- Nutritional Aspects of Injuries and Illnesses
- Health Care Administration
- Professional Development and Responsibility

Program Goals

The program strives to meet the tenets of the university's mission: education, service, truth, innovation, and faith. through a multi-faceted didactic and clinical education program, it will produce well rounded allied health professions to meet the needs of the community. With this in mind, the program has identified five goals for the program:

Goal 1: Program will recruit, admit, and retain students that will fulfill the service needs of local, state, and national employment forecasting trends in the athletic training profession.

Goal 2: Program will provide the athletic training student with a professional education built upon a foundation of the faith based liberal arts that enable the student to utilize theoretical foundations to function effectively in a variety of professional settings.

Goal 3: Program will provide the students with a variety of safe supervised clinical experiences in various employment settings using qualified clinical preceptors, so the student might understand the roles and responsibilities of athletic trainers and other allied health professionals that care for physically active clients.

Goal 4: Students in the program will demonstrate mastery and application of the entry-level educational competencies and clinical proficiencies of the profession.

Goal 5: Program will produce satisfied graduate that will impact society through employment as athletic training professions or involvement in another allied health field.

Program Accreditation

The UIW Athletic Training Education Program currently is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

Admission Requirements

All students who plan a program of study leading to the degree of Bachelor of Science in Athletic Training must first be accepted for admission to the University. Applicants then apply to the program. Program enrollment is limited by the availability of faculty and clinical field experiences, therefore admission is competitive.

The program uses a multiple tier admission process: Tier I: Admission into the program and Tier II: Admission into the professional practice cohort. Tier 1: "Admission to the program" allows the student to start foundational didactic and laboratory coursework needed to have successful clinical field experiences. Tier II: "Admission into a professional practice cohort" allows the student to start clinical field experiences needed as part of the professional program. The student must successfully complete both to be eligible for credentialing as an athletic trainer.

Tier I: Admission into the Program

Applicants will apply for admission into the program during the semester in which they prerequisites and administrative requirements will be completed. Applications to the program are due to the program director by August 15th (Fall Admission) and January 1st (Spring Admission). Applicants work with an assigned advisor and are required to submit a completed application form. As part of the application process, the student must submit the following to be considered for admission into the program:

- A completed application form with the following support materials
- Acknowledgment of program Technical Standards
- Completion of favorable criminal background screening
- Completion of Health and Immunization Packet (includes health history form, immunizations form, and physical examination for completed by a physician, nurse practitioner or physician assistant)
- Official transcripts from all colleges attended
- Current Health Care Provider CPR and First Aid certifications

Selection Criteria for Admission into Program:

To be considered for admission into the program the student must meet the following criteria:

- Completed application with all components present
- 32 hours of college-level credit with a minimum cumulative GPA of 2.5
- Completion of any academic literacy requirements

Tier II: Admission into the Professional Practice Cohort

The Professional Practice Cohort requires the student to complete clinical field experiences with an assigned preceptor. The student should prepare to complete an average of 20 hours of clinical field experiences a week. These hours are assigned by the clinical preceptor and some of the hours and experiences occur outside the traditional academic calendar and during weekends. External employment is discouraged, if needed the employment must be flexible and work around time required for clinical field experiences.

Applicants will apply for admission into the professional practice cohort the semester in which the following prerequisites and administrative requirements will be completed. Applications to the professional practice are due to the program director by March 1st (Fall Cohort) or October 1st (Spring Cohort). As part of the application process, the student must submit the following to be considered for entry into the professional practice cohort:

- A completed application form
- Membership in National Athletic Trainers Association
- Completion of Professional Behaviors orientation
- Completion of at least 75 hours of observation under a certified athletic trainer
- Two letters of recommendation (one from an athletic trainer)
- Interview with the Professional Practice Committee

Selection Criteria

To be considered for admission the student must meet the following criteria:

- Completed application, NATA membership, and Professional Behaviors orientation
- Completion of at least 75 hours of observation with an athletic trainer
- Two letters of recommendation (one from an athletic trainer)
- Favorable interview with the Professional Practice committee
- 48 hours of college-level credit with a minimum cumulative GPA of 2.5
- Completion with a C or better of current enrollment in the following coursework: AHTP 1310, ATHP 2305, ATHP 2310, ATHP 1110, BIOL 2321/2121, and BIOL 2322/2122.

Other Requirements after Acceptance

Annually after admission into the program, the student must also complete the following requirements. Students that fail to complete the following may be removed from the program.

- Proof of Occupational Hazard "Needlestick" Insurance
- Completion of HIPAA/FERPA Confidentiality Training
- Completion of Blood-borne Pathogen, OSHA and/or Universal Precautions Training
- Completion of ATEP and Site Orientation
- Update of Health and Immunization Packet (as needed)

Transfer Students

Students that are considering application for admission into the Athletic Training Program from another university or college must first be admitted into the University. Along with the application, transfer students must submit TWO copies of transcripts from all colleges attended. Send one set to the UIW Admissions Office and send the second set to the Ila Faye Miller School of Nursing and Health Professions, Attention: Athletic Training Program Director, 4301 Broadway, San Antonio, TX 78209.

Students transferring from another baccalaureate Athletic Training Program must satisfy the same prerequisite and major course work, as do all other applicants. All athletic training course work will be evaluated for equivalency with the UIW curriculum. Students should be prepared to present a syllabus from previous institutions and have documented proof of completion of competencies and clinical proficiencies. The decision for admissions, transfer credit for previous athletic training courses and placement in the program will be considered on an individual basis.

Notice of Non-Discrimination

The Athletic Training Education Program follows the guidelines and policies from the student and faculty handbooks related to non-discrimination. The program does not engage in discrimination against an individual because of race, color, religion, gender, national or ethnic origin, non-disqualifying disability, or age, to comply with all federal and

state non-discrimination, equal opportunity, and affirmation action laws and regulations. Students should be aware that they must meet the technical standards for the program and profession.

Clinical Placements / Internship / Observation Hours

After admission into the program, the student will complete four semesters in the clinical component of the program. Students gain hours in clinical experiences associated with a variety of different populations including genders, varying levels of risk, protective equipment and medical experiences that address the continuum of care that would prepare a student to function in a variety of settings and meet the domains of practice delineated for a certified athletic trainer in the profession.

To meet the requirements of the Commission on Accreditation of Athletic Training Education, Board of Certification and Advisory Board of Athletic Trainers, the student must document hours of observation and practice of athletic training skills under the direct supervision of an assigned athletic trainer or a medical professional serving as a clinical preceptor. Certain field experiences will be required prior to the first day of class, during weekends and university breaks. The clinical coordinator will contact students concerning placement for clinical experience prior to the assignment.

Transfer Students

Students that are considering application for admission into the ATEP from another university or college must first be admitted into the University. Along with the application, transfer students must submit TWO copies of transcripts of ALL UNIVERSITY WORK. Send one set to the UIW Admissions Office. Send the second set of transcripts to the School of Nursing and Health Professions, Attn: Athletic Training Education Program Director, 4301 Broadway, San Antonio, TX 78209. Please note we cannot accept an application without copies of all transcripts.

Students transferring from another baccalaureate athletic training education program must satisfy the same prerequisite and major course work, as do all other applicants. All athletic training course work will be evaluated for equivalency with the UIW curriculum. Students should be prepared to present a syllabus from previous institution and have documented proof of completion of competencies and clinical proficiencies. The decision for admission, transfer credit for previous athletic training courses and placement in the program will be considered on an individual basis.

Health Requirements / Immunizations for Athletic Training

In compliance with the Health Care Provider terms of TAC 97.64, applicants to the ATEP are required to provide proof of a physical examination (for admission and annually thereafter) and the following immunizations prior to admission to the first clinical experiences course:

- Hepatitis B (3 dose series)
- Measles-Mumps-Rubella (2 dose series)
- Tetanus/Diphtheria/Pertussis (1 Dose Tdap within last 10 years)
- Varicella (2 dose series, titer, or verified medical history of Chickenpox)
- TB skin test or chest X-Ray (required annually while in the program)
- Influenza vaccine (required annually while in the program)

For the protection of students and clients, the program follows the recommended immunization for healthcare professionals. If, for any reason, the student is unable to receive any immunizations a physician's statement will be required. NOTE: Additional health requirements may be required by some clinical affiliations.

Required Costs During Matriculation

Along with university tuition, athletic training students are required to pay course and clinical fees each semester to cover the costs of attaining or maintaining memberships in professional organizations, clinical clothing, liability insurance and materials for the program. It is also the student's responsibility to maintain certifications for blood borne pathogens training, first aid, CPR, annual immunizations, as well as purchasing needle stick insurance annually. Students are also responsible for travel to and from the clinical site. During the senior year, the student is also expected to pay fees to the Board of Certification and State of Texas for credentialing and examinations.

CPR and First Aid

Students must maintain proof of current health care provider course in CPR and First Aid certifications. This requirement is necessary for all students prior to entering the athletic training program, and then annually thereafter. Evidence of completion or re-certification must be given to the program director prior to attendance of clinical experience course. Specific information regarding requirements in the training can be obtained by the program director.

Liability and Health Insurance

Students involved in clinical observations or involved in the clinical experience course are required to be covered by liability insurance and maintain proof of health insurance as well as needlestick insurance. The liability insurance fee will be included in the athletic training course fees. The University offers limited health insurance and needlestick coverage.

Criminal Background Screening

Criminal background screening is completed on all candidates for the program. The Ila Faye Miller School of Nursing and Health Professions will designate a company to do the background screening and will not

accept results from any company other than the one designated by the School. Students pay expenses related to all screening. A student with a significant criminal background or a current conviction may not be allowed to register for athletic training courses until the student receives a declaratory order from the regulating board stating their eligibility for licensure or certification to practice.

Drug Screening

Drug Screening may be required by some clinical agencies. The Ila Faye Miller School of Nursing and Health Professions will designate a company to do the drug screen and will not accept results from any company other than the one designated by the School. The student will pay the cost of the screening at the time of the testing.

A student who has a positive drug screen will not be allowed to participate in clinical courses. The student will be required to complete, at the student's expense, chemical dependency evaluation and treatment, if recommended by a drug assessment. Any student with a positive drug screen will be suspended for a minimum of one calendar year and will be required to provide documentation of successful treatment prior to being readmitted to clinical courses. If readmitted, the student must be retested by the School-approved laboratory and have a negative drug screen. This testing is at the student's expense.

Eligibility for Professional Practice

Completion of degree requirements for the bachelor's degree does not guarantee state licensure or national certification as an athletic trainer. Students are advised to contact the Board of Certification and Texas Advisory Board of Athletic Trainers concerning their eligibility of professional practice. Prior to practice, the individual must complete an application and pay required fees according to current policies and procedures of the regulatory board. The application process has various sections that require endorsement by the university and program administration. Students are advised to plan ahead and identify key dates and requirements that are required as part of the regulatory process. As part of the Initial regulatory process, students must successfully complete an oral practical and written assessment of their athletic training skills.

Preparation to take the Board of Certification examination and state licensure examination is a continual process. Once accepted into the program, students will begin coursework and clinical field experiences to build knowledge, skills, and confidence.

Technical Standards

Technical Standards must be signed by the student and the medical professional going over health history, immunizations, and completing the physical examination.

In compliance with Section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act of 1990, the Athletic Training Education Program at the University of the Incarnate Word is committed to providing a supportive, challenging, diverse and integrated environment for all students. In accordance with these federal directives, the University and the Athletic Training Education Program ensure accessibility to their programs, services and activities for students with documented disabilities.

In accordance with national norms, the Athletic Training Education Program has established technical requirements for admission, expectations and required abilities considered essential to perform duties of an athletic trainer. These abilities are classified into five categories: (1) observation, (2) communication, (3) motor & sensory, (4) intellectual, (5) behavioral and social.

- **Observation:** A candidate must be able to observe demonstrations in the classroom and athletic training room. A candidate must also be able to accurately observe an athlete at a distance and at close range, in order to gather the necessary data regarding the athletes' physical status.
- **Communication:** The ability to read, write, speak and understand the English language at a level consistent with competent professional practice, including but not limited to, the ability to (a) establish rapport and communicate effectively and sensitively with patients, parents, coaches, administrators, officials, medical and allied medical personnel and colleagues, including individuals from different cultural backgrounds; (b) record and discuss the physical examination results and treatment and rehabilitation plans clearly and accurately.
- **Motor:** Sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations, therapeutic treatments, and therapeutic exercise and rehabilitation protocols using accepted techniques. This includes, but is not limited to, the ability to (a) accurately, safely and efficiently use equipment and materials during the assessment, treatment, and rehabilitation of patients; (b) gather decision-making pieces of information during an injury assessment activity in class or in the clinical setting; (c) perform assessment, treatment and rehabilitation activities in class and in the clinical setting by direct performance; (d) sit, stand, and kneel for extended periods of time while rendering assistance to patients and athletes; (e) frequently move from place to place and position to position at a speed that permits safe handling of classmates and injured athletes; (f) stand and walk while providing support to an injured athlete; (g) use auditory, tactile, and visual senses to receive classroom instruction and to evaluate and treat injured athletes; (h) follow safety procedures established for each class and clinical setting.

- Sensory: Candidates must have adequate sensory function in order to elicit information from a physical examination through palpation, auscultation, percussion, and other assessment maneuvers.
- Intellectual: Candidates must have the mental capacity to learn and assimilate a large amount of complex, technical, and detailed information. They must also be able to solve problems through critical analysis and perform measurements necessary to develop a therapeutic plan.
- Behavioral and Social: Candidates must possess emotional and social attributes required to exercise good judgment, maintain composure, promptly complete all responsibilities as they relate to the care and management of an athlete's injury, and develop mature, sensitive, and effective relationships with athletes and other members of the health care team. Candidates must also be able to adapt to an ever-changing environment, display flexibility, tolerate physically taxing workloads, and maintain their composure during highly stressful situations.

Promotion/Retention/Graduation Requirements

Once accepted into the program, students will be evaluated each semester to ensure they are meeting the expectations set by the program. These expectations include:

- The student must be in good standing with the university.
- The student must maintain programs health and immunization requirements.
- The student must have satisfactorily completed and documented expected clinical observations or clinical field experiences under the direction of a supervising certified athletic trainer or assigned preceptor.
- The student must maintain programs training requirements (Healthcare Provider CPR, First Aid, Blood-borne pathogen and HIPAA/FERPA training)
- Maintain a minimum of 2.5 GPA on a 4.0 scale.
- Adhere to the rules and regulations outlined in the "Athletic Training Handbook."
- The student must earn favorable evaluations from the preceptor and clinical coordinator. The evaluations serve to measure not only the student knowledge and acquired skill application but also attributes from the profession and program.
- The student must pass all major and support course with a "C" or better and successful complete all clinical proficiencies attached to the course.

Students that fail to meet the above may be placed on either an academic or administrative probationary contract with the program director with a list of dates and expectations or suspended from the

program. Failure to fulfill the probationary contract may result in the student's dismissal from the program.

Academic Instruction Plan

The Athletic Training Program has designed a degree that fulfills the specific needs required by accreditation agencies, but also produces effective athletic trainers for the schools and physically active settings. The program currently uses the Fifth Edition Competencies and Proficiencies as a guide in curricular and lab development. The following is the outline of the major requirements for the program.

Major Requirements for a Bachelor of Science in Athletic Training Degree

The Bachelor of Science in Athletic Training requires 124 credit hours for graduation. The university requires includes 45 hours of residency, 36 advanced hours (junior/community college courses will not satisfy), 36 of the last 45 hours from UIW, 45 clock hours community service and computer literacy (test or course credit).

NOTE: To provide the student with the most current academic curriculum and to meet accreditation standards, the programs within the Ila Faye Miller School of Nursing and Health Professions use the degree plan and catalog requirements on the date in which the student is admitted to the program and/or major, not the university matriculation date. Students who leave the program and/or major and are re-admitted must follow the degree plan and catalog requirements at the time of re-admission.

To fulfill the requirements for this degree program, the student must complete all undergraduate coursework, including the university core curriculum and the professional courses needed for the major. The following degree and support courses must have the grade of C or better.

Major Specific Requirements

A. Athletic Training Core Requirements (47 credit hours)

ATHP 1110	Injury Prevention Strategies
ATHP 1211	Medical Terminology for the Healthcare Professional
ATHP 1310	Introduction to Patient Care
ATHP 2301	Emergency and Medical Aspects of Athletic Training
ATHP 2305	Functional Anatomy and Muscle Testing
ATHP 2310	Orthopedic Injuries and Athletic Conditions
ATHP 2315	Evaluation Strategies for the Trunk and Lower Extremity
ATHP 2320	Evaluation Strategies for the Head, Neck, and Upper Extremity
ATHP 2341	Pharmacological Concepts and Practice
ATHP 3310	Pathology of Body Systems

ATHP	3320/3120	Therapeutic Modalities with Lab
ATHP	3330/3130	Therapeutic Rehabilitation with Lab
ATHP	3340	Organization and Administration of Athletic Training
ATHP	4310	Psychosocial Strategies and Referral
ATHP	4320	Strength Training and Conditioning Prescription
ATHP	4390	Capstone: Mock Testing

B. Athletic Training Clinical Requirements - 9 semester hours credit that includes:

ATHP	3270	Clinical Field Experience I
ATHP	3280	Clinical Field Experience II
ATHP	4191	General Medical Clinical Field Experience
ATHP	4270	Clinical Field Experience III
ATHP	4280	Clinical Field Experience IV

C. Biology Core Requirement - 8 hours of coursework that includes:

BIOL	2321/2121	Anatomy & Physiology I with Lab
BIOL	2322/2122	Anatomy & Physiology II with Lab

D. Kinesiology Core Requirement - 6 hours of coursework that includes:

PEHP	3355	Theory of Movement Forms: Analysis And Construction
PEHP	4338	Fundamentals of Human Performance

E. Psychology Core Requirement - 9 hours of coursework that includes:

PSYC	1301	Introduction to Psychology
SOCI/ PSYC	3381	Statistics for the Behavioral Sciences
SOCI/ PSYC	3384	Research Methods

F. Nutrition Core Requirement - 6 hours of coursework that includes:

NUTR	2341	Introduction to Nutrition
NUTR	4356	Nutrition and Human Performance

Recommended Academic Sequence:

The following is the recommended and required course sequence for the degree for completion in four academic years:

Freshman Fall Semester (16 hours)

ENGL 1311 or ENGL 1311L – Composition I

DWHP 1200 – Dimensions of Wellness

MATH 1304 – College Algebra or MATH 2303 Intro to Probability and Statistics

PHIL 1381 – Introduction to Philosophy
ATHP 1211 – Medical Terminology for Healthcare Professionals
(3 hours) 1000 Level Religious Studies Course

Freshman Spring Semester (16 Hours)

ENGL 1312 Composition II
(3 hours) Fine Arts Course
COMP 1301 – Computer Literacy
PSYC 1301 – Introduction to Psychology
(1 hour) Physical Education Activity Course
(3 hours) History Course

Sophomore Fall Semester (16 hours)

ENGL 2310 – World Literature Studies
NUTR 2341 – Introduction to Nutrition
BIOL 2321/2121 – Anatomy and Physiology I
(3 hours) Modern Language
(3 hours) 3000+ Level Religious Studies or Philosophy Course

Sophomore Spring Semester (17 hours)

(3 hours) Modern Language
BIOL 2322/2122 – Anatomy and Physiology and Lab
ATHP 2305 – Functional Anatomy And Muscle Testing
ATHP 2310 – Orthopedic Injuries and Athletic Conditions
ATHP 1310 – Introduction to Patient Care
ATHP 1110 – Injury Prevention Strategies

Junior Fall Semester (15 hours)

ATHP 3270 – Clinical Experience I
ATHP 2301 – Emergency and Medical Aspects in Athletic Training
ATHP 3320/3120 – Therapeutic Modalities with Lab
ATHP 2315 – Evaluation Strategies for the Trunk and Lower Extremity
PEHP 3355 – Theory of Movement Forms

Junior Spring Semester (15 hours)

ATHP 3280 – Clinical Experience II
ATHP 2341 – Pharmacological Issues in Athletic Training

ATHP 3310 – Pathology of Body Systems

ATHP 4191 – General Medical Clinical Experience

ATHP 2315 – Evaluation Strategies for the Head, Neck and Upper
Extremity

PSYC/SOCI/CRJU 3381 – Statistics for the Behavioral Sciences

Senior Fall Semester (15 hours)

ATHP 4270 – Clinical Experience III

ATHP 3330/3130 – Therapeutic Rehabilitation with Lab

ATHP 4390 – Mock Testing

ATHP 4310 – Psychosocial Strategies and Referral

PSYC/SOCI/CRJU 3384 – Research Methods

Senior Spring Semester (14 hours)

ATHP 4280 – Clinical Experience IV

ATHP 3340 – Organization and Administration Issues

PEHP 4338 – Fundamentals of Human Performance

NUTR 4356 – Nutrition for Human Performance

ATHP 4320 – Strength Training and Conditioning Prescription

Clinical Instruction Plan

The Athletic Training Program requires each student to complete observations and clinical field experiences spread out over four semesters. The clinical experience component is designed to provide the student with a variety of settings for observation and directed practice of the competencies and proficiencies learned in the athletic training curriculum. Throughout the clinical component of the program, students are expected to observe the certified athletic trainer and allowed to practice skills in which they have been determined proficient by the athletic training faculty in the didactic portion of the program. The concept of the program is for the student to be led through their clinical experiences in order to develop a strong foundational knowledge and then to build on that foundation. The clinical preceptor is a key for providing the student with hands on experience and sharing practical information about the athletic training profession. The student should consider the clinical experience courses as lab time to practice the skills developed in the theory classes.

Most of the field experiences take place during the observation and directed practice in the athletic training room; during the practice and contest venues. The program uses the athletic training rooms within local interscholastic and intercollegiate facilities in San Antonio area. The student will also gain field experience by observing and participating with

clinical instructors in physical therapy clinics, physician offices and other allied health settings in the area.

KINESIOLOGY

[Course Descriptions, page 407]

The program of study leading to the Bachelor of Science degree prepares students for three career paths. Graduates can prepare to teach physical education in Elementary or Secondary schools. Graduates may also prepare for work in the private sector, in camps or in fitness centers by choosing a non-certification or personal trainer concentration. Details of the requirements for Teacher Certification are explained in the Education section of the bulletin.

Activity Courses

The core curriculum requirement for all students includes a lifetime activity from the Kinesiology selections. Courses provide instruction and participation for the development of fitness, skills, knowledge, and appreciation of physical activity.

A physical examination is recommended for participation in Kinesiology activity courses. Students enrolled in Kinesiology provide their own clothing and pay a lab fee.

The following Activity Courses are grouped according to the requirements of the degree plans described below.

Group A - Individual and Dual Activities

- 1101 Archery
- 1102 Badminton
- 1103 Bowling
- 1104 Golf
- 1129 Racquetball
- 1133 Beginning Tennis
- 1134 Intermediate Tennis
- 1138 Badminton/Racquetball
- 1143 Fencing
- 1144 Racket Sport
- 1152 Kayaking

Group B - Team Activities

- 1105 Basketball
- 1109 Track and Field
- 1106 Flag Football
- 1110 Volleyball
- 1107 Soccer
- 1128 Floor Hockey
- 1108 Softball

Group C - Developmental Activities

- 1111 Self-Defense
- 1125 Pilates
- 1112 Gymnastics

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HEALTH PROFESSIONS

- 1127 Aerobic Dance
- 1139 Yoga
- 1113 Physical Conditioning
- 1140 Advanced Yoga
- 1114 Weight Training
- 1131 Hiking
- 1141 Introduction to Martial Arts
- 1147 Tai Chi
- 1148 Exercise with Your Instructor
- 1149 Rock Climbing
- 1150 Kickboxing
- 1151 Boot Camp
- 1153 Salsa Aerobic Dance
- 1154 Hip Hop
- 1155 Aerobic Cycling
- 1156 Brisk Walking
- 1157 Running

Group D - Rhythmic Activities

- 1115 Ballet
- 1117 Folk and Square Dance
- 1116 Basic Rhythms
- 1136 Clogging
- 1145 Beginning Social Dance
- 1146 Country Western Dance

Group E - Aquatic Activities

- 1118 Beginning Swimming
- 1121 Water Safety Instruction
- 1119 Intermediate Swimming
- 1122 Water Games
- 1120 Life Saving
- 1132 Swimming for Fitness

Major Requirements for a Bachelor of Science In Kinesiology

Core requirements for Kinesiology (taken by all concentrations) 39 semester hours as follows:

- PEHP 1190 Activity Lab
- PEHP 2301 Tests and Measurement
- PEHP 3315 Principles of Health
- PEHP 3301 Motor and Fitness Development for Children
- PEHP 3302 Motor and Fitness Development for Pre-Adolescents
- PEHP 3312 Motor and Fitness Development for Adolescents
- PEHP 3314 Theories of Coaching
- PEHP 3350 Theory of Movement Forms: Analysis and Construction
- PEHP 3371 Care and Prevention of Injuries
- PEHP 4301 Principles of Human Movement
- PEHP 4333 Fundamentals of Human Performance

PEHP 4345	Psychomotor Development: Educational Implications
BIOL 2321/2121 and 2322/2122	Anatomy & Physiology I & II w/ labs (taken in the UIW core)

Concentration: All-Level Physical Education Certification

1. Kinesiology core (see above)
2. 9 activity hours chosen from the following:
 - Group A-3 semester hours
 - Group B-3 semester hours
 - Group C - PEHP 1113 Physical Conditioning required
 - Group D-1 semester hour
 - Group E-1 semester hour
3. Teacher Certification Courses as described in Dreeben School of Education section of this bulletin.

Concentration: Non-Certification Physical Education

1. Kinesiology core (see above) plus the following courses:
 - PEHP 3305 Motor Development, Fitness, and Health
 - PEHP 4395 Practical Experience
 - PEHP 3307 Worksite Health Promotion
2. Group A 4 semester hours
3. Group B 3 semester hours
4. Group C 3 semester hours; PEHP 1113 Physical Conditioning required
5. Group D 1 semester hour
6. Group E 1 semester hour
7. Minor of 12-18 semester hours

Concentration: Personal Trainer

1. Kinesiology core (see above) plus the following courses:
 - PEHP 3305 Motor Development, Fitness, and Health
 - PEHP 3307 Worksite Health Promotion
 - PEHP 4395 Practical Experience
 - PEHP 1113 Physical Conditioning
 - PEHP 1114 Weight Training
 - PEHP 1125 Pilates
 - PEHP 1139 Yoga
 - PEHP 1147 Tai Chi
2. Group Aerobic Fitness Modalities: 3 credit hours from PEHP 1127, 1150, 1151, 1153, 1154, or 1155
3. Group E 1 semester hour (Aquatic Activity)
4. Nutrition Minor: NUTR 2341 and 4356 plus 6 credit hours of upper level nutrition

Requirements for Kinesiology Minor:

1. 18 semester hours as follows:

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HEALTH PROFESSIONS

- | | | |
|------|------|---|
| PEHP | 3305 | Motor Development, Fitness, and Health |
| PEHP | 3350 | Theory of Movement Forms: Analysis and Construction |
| PEHP | 3371 | Care and Prevention of Injuries |
| PEHP | 4333 | Fundamentals of Human Performance |
| PEHP | 4345 | Psychomotor Development: Educational Implications |
2. Group A-1 semester hour
 3. Group B-1 semester hour
 4. Group C-1 semester hour

Recommended Sequence of Courses in the Major:

First Year

- Activities Courses for Group A, B, C, D, E
- | | | |
|------|------|--------------|
| PEHP | 1190 | Activity Lab |
|------|------|--------------|

Sophomore and/or Junior Year

- Activities Courses for Group A, B, C, D, E
- | | | |
|------|------|--|
| PEHP | 2301 | Test and Measurements |
| PEHP | 3315 | Principles of Health |
| PEHP | 3301 | Motor and Fitness Development for Children |
| PEHP | 3302 | Motor and Fitness Development for Pre-Adolescents |
| PEHP | 3305 | Motor Development, Fitness, and Health (non-certification) |
| PEHP | 3312 | Motor and Fitness Development for Adolescents |
| PEHP | 3314 | Theories of Coaching |
| PEHP | 3350 | Theory of Movement Forms: Analysis and Construction |

- | | | |
|------------|----------|-----------------|
| One Course | from the | Minor Selection |
| One Course | from the | Minor Selection |
| One Course | from the | Minor Selection |

Elective within Major (non-certification)
BIOL 2321/2121 and 2322/2122

Junior and/or Senior Year

- | | | |
|------|------|---|
| PEHP | 4301 | Principles of Human Movement |
| PEHP | 4333 | Fundamentals of Human Performance |
| PEHP | 4345 | Psychomotor Development: Educational Implications |

Courses specific to non-certification or personal trainer certifications

Senior Year

PEHP 4399 Practical Experience (non-certification)

SPORT MANAGEMENT

This program is a concentration in Business Administration, offered in collaboration with the Department of Human Performance, and is designed to prepare students for positions of leadership in professional sports, colleges, universities, and non-profit organizations. See Bulletin for course requirements in Business Administration. For the concentration in Sport Management, refer to the Business Administration section of this catalog.

Recommended Sequence of Courses in the Concentration

Sophomore and/or Junior Year

SMHP	3301	Introduction to Sport Management
SMHP	3302	Human Factors in Sport Management
SMHP	3303	Seminar in Sports Organizations and the Public Market
BMKT	3333	Integrated Marketing Communication

Junior and/or Senior Year

SMHP	3319	Internship in Sport Management
PEHP	4345	Psychomotor Development: Educational Implications

NUCLEAR MEDICINE SCIENCE

[Course Descriptions, page 430]

The Nuclear Medicine Science program offers an accredited curriculum leading to the degree of Bachelor of Science. The mission of the Nuclear Medicine program is to prepare individuals with the clinical and didactic experience necessary for successful entry into the Nuclear Medicine profession.

The goal of the Nuclear Medicine program is to enable the student to confidently possess the knowledge and skills necessary to safely perform a wide variety of clinical procedures, effectively communicate with patients with competent skills in: radiopharmaceutical dosage, calculation and administration, the operation of imaging devices, and operation of radiation detection monitoring devices.

Nuclear Medicine is a medical specialty that uses safe, micro-quantities of radioactive pharmaceuticals for diagnosis, management, treatment and prevention of many serious diseases. Nuclear Medicine imaging techniques provide information about both the function and structure of every organ in the body, often identifying organ abnormalities very early in the progression of a disease. This early detection allows a disease to be treated early in its course, when there may be a more positive prognosis.

The student choosing nuclear medicine technology as a career should have a strong interest in the natural sciences, mathematics, and computer

technology as well as the desire for close patient contact, direct interaction with physicians and other health care professionals. Immediately upon graduation, a student is eligible to apply for national certification/registration examinations given by the Nuclear Medicine Technology Certification Board (NMTCB) or the American Registry of Radiologic Technologists (ARRT).

As a highly specialized member of the health care profession, graduates from this degree program have several vocational options, including but not limited to, Nuclear Medicine Technology (hospitals, clinics, research laboratories, regulatory agencies), entry into medical or graduate schools, and careers in education or administration in the specialty.

Faculty includes toxicologists, technologists, physicians, radiopharmacists, radiation physicists, each with a special focus and integrated perspective.

NOTE: To provide the student with the most current academic curriculum and to meet accreditation standards, the programs within the Ila Faye Miller School of Nursing and Health Professions use the degree plan and catalog requirements on the date in which the student is admitted to the program and/or major, not the university matriculation date. Students who leave the program and/or major and are re-admitted must follow the degree plan and catalog requirements at the time of re-admission.

Major Requirements for a Bachelor of Science in Nuclear Medicine Science

Core Curriculum and specific Nuclear Medicine requirements:

	Semester Hours
* English (Rhetoric)	6
Literature	3
Applied / Fine Art	3
History	3
Social Science	3
Religion and Philosophy (one course in Ethics)	9
Second Language	6
Dimensions of Wellness	2
Physical Activity Course	1
* Anatomy and Physiology I and II with labs	8
* Chemical Principles I and II with labs	8
* General Physics I and II with labs	8
* Mathematics (Precalculus and Statistics)	6
* Computer Literacy (either by exam or course)	3
Elective	3
Community Service 45 (non-credit hours)	

* Prerequisite to admission to program with a minimum grade of C.

Courses in the Major (55 semester hours)

Sophomore Year

NMED	4310	Introduction to Nuclear Medicine
NMED	3310	Pathophysiology for NMED

Junior Year

NMED	2420	Patient Care Technologies
NMED	3210	Health Assessment and Communication for the Nuclear Medicine Technologist
NMED	4510	Nuclear Cardiology
NMED	3320	Medical Radiation Safety
NMED	4322	Radiopharmacy, Radiochemistry, and Radioimmunoassay
NMED	4341	Radiation Biology / Biophysics
NMED	4331	Instrumentation
NMED	4545	Principles of PET and PET/CT

Senior Year

NMED	3305	Applications of Radionuclides
NMED	4604	Clinical Nuclear Medicine I
NMED	4606	Clinical Nuclear Medicine II
NMED	4312	Molecular Imaging and the Physics of Medical Imaging and Therapeutics
NMED	4361	Nuclear Medicine Registry Review

A minimum grade of C is required in all Nuclear Medicine courses. In general, satisfactory completion of courses in one semester is required prior to enrolling in subsequent semesters. Failure to make a minimum grade of C in any required nuclear medicine course will prevent the student from progressing in the program. Students who fail one or more courses in the program must make application to the nuclear medicine program to continue. The student's overall academic achievement will be considered in the decision to be retained or to be placed on enforced withdrawal from the nuclear medicine program.

Admission Requirements

All students who plan a program of study leading to the degree Bachelor of Science in Nuclear Medicine Science must first be accepted for admission to the University. After completing prerequisite courses, a student may formally apply to the Nuclear Medicine major. Interested students should contact the department for an application; applications must be received by February 1 for fall admission. To be eligible, the student must meet the following criteria:

2. A 2.50 cumulative GPA with a 2.50 GPA in math/science courses.
25. Sophomore standing
26. Completion of prerequisite courses
27. Completion of Anatomy and Physiology I and II, Chemical Principles I and II, General Physics I and II, Math (Pre-calculus and Statistics) and Computer Literacy competency.

Transfer Students

Students who are considering application for admission into the nuclear medicine program from another university or college must first be admitted into the University. Along with the application, transfer students must submit TWO copies of transcripts of ALL UNIVERSITY WORK. Send one set to the UIW Admissions Office. Send the second set of transcripts to the School of Nursing and Health Professions, Attn: Nuclear Medicine Program Director, 4301 Broadway-CPO 300, San Antonio, TX 78209. Please note we cannot accept an application without copies of all transcripts.

Health Requirements for Nuclear Medicine Science

In compliance with the Health Care Provider terms of TAC 97.63, applicants to the Nuclear Medicine Science program are required to provide proof of a completed health history questionnaire, immunizations (a completed series of Hepatitis B, MMR and TeD), TB skin test or chest x-ray, and current CPR certification prior to admission into the program. Additional health requirements may be required by some clinical healthcare settings. Students are responsible for reviewing and updating individual health records as they progress in the program.

Special Health Problems / Pregnancy

Students who can successfully combine satisfactory school attendance with pregnancy or with special health problems will not be prohibited from registration in nuclear medicine clinical courses. The student must declare their pregnancy to comply with dosimetry badge regulations and fulfill the same course requirements as any other student.

Students pursuing nuclear medicine technology must possess visual and hearing acuity, digital dexterity, and motor coordination. They must be able to climb, balance, stoop, and lift/carry up to 50 pounds.

Other Requirements:

Criminal Background Screening

Criminal background screening is completed on all students accepted into the nuclear medicine program. The School will designate a company to do the background screening and will not accept results from any company other than the one designated by the School. Students pay expenses related to all screening. A student with a significant criminal background or a current conviction may not be allowed to register for nuclear medicine courses until a "Preapplication Review of Eligibility" is filed with the American Registry of Radiologic Technologists (ARRT). The review of eligibility process may take approximately 6 months and is filed at the student's expense and is entirely the responsibility of the student to provide required documentation of all criminal proceedings, charges and convictions. If approved, the ARRT will issue a declaratory order stating the individual is eligible for initial licensure or license renewal or determine that the individual is eligible to return to practice.

Drug Screening

Drug Screening may be required by some clinical agencies. The School will designate a company to do the drug screen and will not accept results from any company other than the one designated by the School. The student will pay the cost of the screening at the time of the testing. A student who has a positive drug screen will not be allowed to participate in clinical courses. The student will be required to complete, at the student's expense, chemical dependency evaluation and treatment, if recommended by a drug assessment. Any student with a positive drug screen will be suspended for a minimum of one calendar year and will be required to provide documentation of successful treatment prior to being readmitted to clinical courses. If readmitted, the student must be retested by the School approved laboratory and have a negative drug screen. This testing is at the student's expense.

Insurance Requirements

When admitted to the clinical nuclear medicine program, the student is required to be covered by liability insurance. The liability insurance fee is included in nuclear medicine course fees. Students must also show proof of current health insurance and needle stick injury coverage. The University offers limited health and needle stick insurance coverage.

Progression / Retention / Graduation

Students must maintain satisfactory standards to progress in the nuclear medicine program and must be recommended by nuclear medicine faculty for promotion and eligibility to graduate. Requirements are as follows:

A minimum grade of C (75) is required in all nuclear medicine courses. In general, satisfactory completion of courses in one semester is required prior to enrolling in subsequent semesters. Nuclear Medicine courses are taken in sequence according to the recommended curriculum pattern.

A student who withdraws or receives a final grade of D or F in a nuclear medicine course for the first time will be allowed to repeat the course after formal review by the Student Affairs Committee. The committee will consider all of the following in rendering a decision:

- Recommendation of course faculty
- Academic performance in other courses
- Space availability in the course

To remain in the program after retention the student must:

- Adhere to the UIW student code
- Demonstrate a pattern of safe clinical practice commensurate with the educational experience
- Demonstrate acceptable behaviors and attitudes normally expected of nuclear medicine technologists
- Comply with the directives in the letter of retention

Ineligibility for Continuation in the Program

A student who receives two grades of D or F or two withdrawals in nuclear medicine courses or a combination of D or F and a withdrawal will not be eligible for continuation, even if the student has already repeated one of the courses and received a grade of C or above.

Appeals

Upon notification of ineligibility to continue in the nuclear medicine program, the student may appeal the decision by addressing a letter to the Dean of the Ila Faye Miller School of Nursing and Health Professions. Such correspondence should specify the reasons for the appeal and relevant new information for the purposes of the appeal. In addition to the letter an Application for Appeal Form with faculty recommendations must be included as an attachment. The Dean will determine if the appeal merits review by the Student Affairs Committee.

Clinical Hours

After admission into the program, the student will complete four semesters in the academic and clinical components of the program. The student must document 1536 hours of observation and practice of nuclear medicine imaging skills under the direct supervision of an assigned nuclear medicine preceptor. The program director and clinical coordinator will contact students concerning placement in affiliated settings for observation and practice prior to the assignment.

Eligibility for Professional Practice

Completion of degree requirements for the bachelor's degree does not guarantee state licensure nor national certification as a nuclear medicine technologist. Students are advised to contact the American Registry of Radiologic Technologists (<http://www.arrt.org>) or Nuclear Medicine Testing Certification Board (<http://www.nmtcb.org>) concerning their eligibility of professional practice. Prior to practice, the individual must complete an application and pay required fees according to current policies and procedures of the regulatory board. The application process has various sections that require notarized documentation of information for the individual, university and the program director. Students are advised to plan ahead and identify key dates and requirements that are required as part of the regulatory process. As part of the Initial regulatory process, students must successfully complete a computer based interactive assessment of their nuclear medicine imaging skills.

NURSING

[Course Descriptions, page 430]

The Nursing program offers an accredited curriculum in nursing leading to the degree of Bachelor of Science in Nursing (BSN). The program offers two pathways for the BSN: a traditional (generic pathway) for students wishing to become registered nurses, and an accelerated pathway for associate degree or diploma prepared registered nurses who

wish to earn a BSN (RN-BSN: "ADCaP"). Additionally, the RN-MSN program is designed for the Associate's degree or Diploma prepared registered nurse who is interested in graduate nursing education in preparation for an advanced nursing role as either a clinical nurse specialist or clinical nurse leader.

Accreditation

The undergraduate nursing program is approved by the Texas Board of Nursing and fully accredited by the Commission on Collegiate Nursing Education (CCNE). For information on CCNE accreditation go to <http://www.aacn.nche.edu/Accreditation/index.htm>.

Major Requirements for a Bachelor of Science in Nursing:

NOTE: To provide the student with the most current academic curriculum and to meet accreditation standards, the programs within the Ila Faye Miller School of Nursing and Health Professions use the degree plan and catalog requirements on the date in which the student is admitted to the program and/or major, not the university matriculation date. Students who leave the program and/or major and are re-admitted must follow the degree plan and catalog requirements at the time of re-admission.

Traditional (Generic) Pathway Admissions and Degree Requirements:

The traditional pathway prepares graduates to take the licensure examination to become a registered nurse. Courses are offered on the main campus and are primarily daytime classes.

Students may be admitted to the nursing program through the regular application process each semester or through the Direct Admissions Program. The Direct Admissions Program is for first-time freshman by invitation only.

Admission Requirements: Traditional (Generic) Program

1. Applicants must have been accepted to the University of the Incarnate Word for Fall semester admissions by February 1st and Spring semester admissions by July 1st.
2. Applications to the nursing program must be completed as directed by the Ila Faye Miller School of Nursing. Advance information about immunization requirements, admissions testing schedules, etc. may be obtained from the SON office (210-283-5094).
3. In order to be reviewed, the nursing program application must be completed by the February 1st (or July 1st) deadline. The applicant must have:
 - Submitted an immunization record that shows completion of required immunizations.
 - Submitted official copies of transcripts of all schools attended.
 - Submitted record of current enrollment.

- Acknowledged and agreed to complete criminal background screen when directed by the Ila Faye Miller School of Nursing.
- Completed a designated admissions test.*

* Evolve Reach Admissions Assessment Test (A 2) by HESI.

4. By February 1 (or July 1), in order to be considered for admission, the applicant must have completed (with a minimum grade of C) or be currently enrolled in all courses designated as prerequisite to admission:
- Computer Literacy
 - Dimensions of Wellness (students not at UIW may complete upon admission)
 - English Composition I and II (prior bachelor's degree exempt)
 - Speech (prior bachelor's degree exempt)
 - Biological Chemistry I and II/Lab
 - Anatomy/Physiology I/Lab and II /Lab
 - Microbiology/Lab
 - Nutrition
 - Statistics
 - Psychology-Intro
 - Psychology-Child Development and Adult Development (or Lifespan Development)
5. Admission to the nursing program may be limited based on the availability of qualified faculty and clinical practice sites. Acceptance is primarily based on academic performance. The applicant's overall academic record is considered in admission decisions. Criteria include:
- A minimum cumulative GPA of 2.5 in all course work to date. More favorable consideration will be given to applicants with higher GPAs.
 - A minimum GPA of 2.5 in science courses. This includes all biology, chemistry and nutrition courses.
 - Scores on the nursing admissions test(s) are also considered in admission decisions. A minimum score of 75 on each of 7 tests on the Hesi Admission Assessment (A2) is required for admission into the nursing program. Test Sections include reading comprehension, grammar, vocabulary, mathematics, biology, chemistry, and anatomy and physiology.

Fulfillment of these minimum requirements does not guarantee admission. Students must also have completed the designated prerequisite courses, the designated health requirements and a background check in order to enroll in the program. If applicable, students must have received a declaratory order from the Texas BON. Students who do not meet the Essential Functions and Skills will not be enrolled in the nursing program.

Students applying to transfer from another baccalaureate nursing program must satisfy the same prerequisite course work as do all other applicants. Students must also meet the same standards for progression as do students enrolled in the UIW nursing program. This means that applicants must be in good academic standing and eligible to continue in the original nursing program. Prior nursing course work will be evaluated for equivalency with the UIW curriculum. Placement in the program will be determined on an individual basis and placement is subject to available space in the program.

Degree Requirements for the Traditional (Generic) Program:

	Semester Hours
Core Curriculum and specific nursing requirements:	
* English (Rhetoric)	6
Literature	3
* Public Speaking	3
Fine or Applied Arts	3
Second Language	6
Religious Studies and Philosophy (one course in Ethics)	9
History	3
* Dimensions of Wellness	2
Kinesiology activity course	1
* Introduction to Psychology	3
* Adult Development	3
* Child Development	3
(Lifespan Development may be substituted for above development courses)	
* Mathematics (Statistics)	3
* Chemistry (Inorganic, Organic, Biochemistry) with Lab	6
* Human Anatomy and Physiology with Lab	8
* Microbiology with Lab	4
* Nutrition	3
* Computer Literacy	
* Prerequisite to admission to program with a minimum grade of C.	

Courses in the major Traditional (Generic) Pathway 63 semester hours:

Semester One-12 hours

NURS	2310	Integrated Health Science
NURS	2420	Patient Care Technologies
NURS	2213	Basic Health Assessment
NURS	2312	Nursing and Health

Semester Two-13 hours

NURS	3510	Nursing of Adults I
NURS	3515	Nursing of Children and Families
NURS	3333	Research in Nursing

Semester Three-13 hours

NURS	3520	Nursing of Adults II
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ILA FAYE MILLER SCHOOL OF NURSING AND
HEALTH PROFESSIONS

NURS 3341 Health Promotion and Disease Prevention
NURS 4541 Nursing of Childbearing Families

Semester Four-12 hours

NURS 4551 Critical Care Nursing
NURS 4531 Psychiatric Mental Health Nursing
NURS 4221 Issues in Nursing

Semester Five-13 hours

NURS 4288 Nursing Internship
NURS 4562 Community Health Nursing
NURS 4532 Nursing Leadership/Management
NURS 4182 Senior Seminar

The RN-BSN Pathway

The RN-BSN Pathway is designed for the student entering the nursing program who has completed the NCLEX and is employed as a registered nurse. The RN-BSN Pathway program operates according to the policies and schedule of the Adult Degree Completion Program (ADCaP). Tuition is reduced and all courses are taught online in accelerated eight-week terms. Students generally take 6 credit hours each term and the nursing courses may be completed in one calendar year. The length of time to complete the program will depend on the number of courses the student needs to complete the core requirements. Previous education and clinical expertise are recognized through the opportunity to earn credit by validation and direct transfer of credit from equivalent courses from regionally accredited institutions. Interested students should apply directly to the ADCaP at <http://www.uiw.edu/adcap/adcapadmit.htm> and contact the nursing advisor, Dr. Sarah Williams, at 210-829-6092.

Registered nurses will receive 30 hours advanced placement credit for prior nursing education after successful validation of prior learning. Validation of prior nursing knowledge is carried out by the evaluation of work completed in the first nursing course, NURS 3512, Professional Nursing Role. Registered nurses will be able to enter the RN-BSN Pathway without validation testing if the following conditions are met:

- The registered nurse graduated from a Texas nursing education program accredited by the Texas Board of Nursing (BON).
- The registered nurse graduated from a nursing education program accredited by the National League for Nursing Accrediting Commission (NLNAC), and is currently employed in the role as registered nurse.
- Registered nurses who graduated from schools that were not NLNAC accredited must show validation of successful completion of the NCLEX and meet UIW's policy on credit from non-accredited schools.

Admission Requirements (RN-BSN pathway)

Students who plan to follow the RN-BSN pathway should apply directly to the ADCaP at <http://www.uiw.edu/adcap/adcapadmit.htm> and then contact the RN-BSN faculty advisor, Dr. Sarah Williams (210-829-6092).

The RN-BSN pathway applicant must also submit evidence of current licensure to practice professional nursing in Texas. Military personnel may submit evidence of current licensure in the United States.

Core Curriculum and specific nursing requirements:

	Semester Hours
* English (Rhetoric)	6
Literature	3
* Public Speaking	3
Fine or Applied Arts	3
Second Language	6
Religious Studies and Philosophy (one course in Ethics)	9
History	3
* Introduction to Psychology	3
* Lifespan Development (May substitute for Developmental Psychology courses)	3
* Mathematics (Statistics)	3
* General Chemistry (any college level chemistry course)	4
* Human Anatomy and Physiology with Lab	6
* Microbiology with Lab (any college level course with lab)	4
* Nutrition	3

* Prerequisite to admission to program with a minimum grade of C.

Courses in the major (Alternate Pathway) 28 semester hours: (eight week terms)

Term I

NURS 3512 Professional Nursing Role

Term II

NURS 3341 Health Promotion and Disease Prevention

NURS 4313 Health Assessment

Term III

NURS 4365 Community Health Nursing

Term IV

NURS 4265 Community Health Nursing Practicum

Term V

NURS 4331 Research in Nursing

NURS 4332 Nursing Leadership and Management

Term VI

NURS 3322 Issues in Nursing

NURS 4362 Practicum in Leadership/Management

The Accelerated RN-MSN Program

The RN-MSN program at the University of the Incarnate Word is available for associate or diploma prepared registered nurses in nursing who wish to earn a masters degree in nursing. The graduate program at UIW prepares nurses for the advanced practice roles of either Clinical Nurse Leaders or Clinical Nurse Specialists. All applicants for the RN-MSN degree must first apply and be accepted to the RN-BSN through ADCaP. In the second term of the RN-BSN program, the RN-MSN student will declare their interest in pursuing the RN-MSN track. RN-MSN students will be required to take NURS 3512, NURS 3341, NURS 4313, NURS 4365, and NURS 4265 as "bridge courses" to be admitted to the graduate program. Once the bridge courses and general core requirements are completed, students will make application to the graduate program. Students are admitted into the RN-BSN/MSN program twice per year.

Admission Requirements:

- Minimum of 3 years recent practice experience
- Unencumbered RN license
- Cumulative GPA of 3.0 on a 4.0 scale
- GPA of 3.0 in all courses required for the major
- International students must have met the university TOEFL score requirement
- completion of an associate degree or diploma in nursing from an NLNAC accredited program

ACADEMIC POLICIES

Progression, Retention, and Graduation

Students must maintain satisfactory standards to progress in the nursing program and must be recommended by nursing faculty for promotion and eligibility to graduate. Requirements are as follows:

1. **Acceptable progress.** A minimum grade of C (75) is required in all nursing courses, including an average of 75% on exams. In general, satisfactory completion of courses in one semester is required prior to enrolling in subsequent semesters.
2. **Student Success.** As part of assuring student success in the program, any student who meets on or more of the five following criteria will be required to meet with the course faculty to determine a remediation plan to improve the student's performance:

- scores of 79% or less on any course examination or major project,
- failure to notify faculty of absences,
- repetitive tardiness or absences,
- inattentiveness in class or clinical, or
- not meeting clinical objectives in course with a clinical component.

Active participation in resulting remediation activities is expected. Students who do not participate will be referred to the Director of Student Affairs for Undergraduate Nursing. Participation is a consideration in all matters of retention.

3. Failure of a Nursing Course. A student who withdraws or receives a final grade of D or F in a nursing course for the first time may be allowed to repeat the course after formal review by the Student Affairs Committee. The committee will consider all of the following in rendering a decision:

- Recommendation of course faculty.
- Academic performance in other courses.
- Demonstrate behaviors and attitudes expected of professional nurses.
- Space availability in the course.

4. Conditions of Retention after a Failure. To remain in the program after retention, students must:

- Adhere to the UIW student code
- Demonstrate a pattern of safe clinical practice commensurate with the educational experience
- Demonstrate behaviors and attitudes expected of professional nurses
- Comply with the directives in the letter of retention

5. Ineligibility for Continuation in the Program. A student who receives two grades of D or F or two withdrawals in nursing courses or a combination of D or F and a withdrawal will not be eligible for continuation, even if the student has already repeated one of the courses and received a grade of C or above.

6. Appeals. Upon notification of ineligibility to continue in the nursing program, the student may appeal the decision by addressing a letter to the Dean of the Ila Faye Miller School of Nursing and Health Professions. Such correspondence should specify the reasons for the appeal and submit relevant new information for the purposes of the petition. The Dean will consider each petition on a case by case basis.

7. NCLEX-RN Preparation. As part of the preparation for the National Council Licensure Examination for Registered Nurses (NCLEX-RN), nursing students in their final semester of study in the traditional BSN program pathway are required to achieve a

satisfactory score on a comprehensive diagnostic examination in order to receive approval for graduation.

8. Student Success Program. Use of academic resources is required and expected. Standardized integrated testing may be required throughout the program and will be used in calculation of course grades and to determine needs for remediation as noted in nursing course syllabi.

Non-Academic Requirements for Admission and Continuation in the Nursing Program

Essential Functions and Skills

The Nursing Program has identified essential functions and skills critical to the effective preparation of nursing students and to their success as future nursing professionals. The purpose of the essential functions and skills is to establish performance levels that are required of all nursing students in order to successfully complete the Nursing Program with or without reasonable accommodations. Reasonable accommodations for students with disabilities will be considered on a case-by-case basis and in consultation with the University's Office of Student Disability Services. This includes a review of whether the accommodations may jeopardize clinician/patient safety, or the educational process of the student, including all coursework, clinical experiences and internships deemed essential for graduation.

To be accepted into and/or to continue in the Nursing Program and successfully fulfill its standards, students must be able to meet the essential functions and skills, which include emotional requirements, behavioral and social abilities, cognitive requirements, communication skills, neurosensory skills, psychomotor skills, and general health.

Health Requirements

Good physical and mental health is essential for study and practice in professional nursing. The faculty reserves the responsibility for admitting and retaining only those students who demonstrate qualities of physical and mental health generally considered to be imperative for professional nursing practice. See preceding reference to Essential Functions and Skills. In compliance with the Health Care Provider terms of TAC 97.64 (Required Vaccinations for Student Enrolled in Health-Related and Veterinary Courses in Institutions of Higher Learning) applicants to the nursing program are required to provide proof of completed immunizations upon application to the program. CPR (Healthcare Provider) certification, and First Aid certification is required prior to enrollment in nursing classes. Current immunization and certification is also required for continued enrollment in the program. Students are required to maintain up-to-date records at the UIW Health Services Office. They are also responsible for providing evidence of this record upon request from the appropriate

program director. The Health Services Office will help the student determine what immunizations are complete and when further immunizations are due. Specific requirements include:

1. Immunization Record:
 - Hepatitis B (Completed series-3-due upon program application. May take up to 7 months to complete series). Laboratory evidence will not be accepted in lieu of vaccine documentation.
 - Measles, Mumps, Rubella (2 doses, due upon program application)
 - Varicella (2 doses-or Positive Varicella titer--due upon program application). History of Chickenpox not accepted as documentation
 - Tetanus/Diphtheria/Pertusis (1 dose Tdap--due upon program application)
 - Seasonal Influenza (due upon program application and annually in Fall)
 - TB skin test or alternate medical recommendation (due upon application and then annually)
2. Selected Agencies only: HIV testing. Students will be notified if this is required at the time of clinical assignment.
3. Current CPR certification- Only the following courses are accepted: American Heart Association BLS for Healthcare Provider and American Red Cross Professional Rescuer Certification.
4. Current First Aid Certification- Required for traditional BSN students only; not required for students in the RN to BSN alternate pathway. The following courses are accepted:
 - American Red Cross First Aid Certification
 - American Heart Association First Aid Certification

Additional health requirements may be required by some clinical agencies. Students must show proof of current health insurance and bloodborne pathogen injury coverage. If for any reason, any required immunization is contraindicated, the student is required to present a record of medical evaluation and recommendations.

Other Requirements

Criminal Background Screening:

Criminal background screening is completed on all candidates for the nursing program. The school will designate a company to do the background screening and will not accept results from any company other than the one designated by the school. Students pay expenses related to all screening. A student with a significant criminal background or a current conviction may not be allowed to register for nursing courses until the Texas Board of Nursing (BON) for the State of Texas issues a declaratory order stating the individual is eligible for initial licensure or license renewal or determines that the individual is eligible to return to practice. If a BON reportable event occurs during the time the student is enrolled in the program, the student will notify the Dean or BSN Program Chair within 3

days of the event. The Dean along with the BSN Program Chair will determine if the student is eligible to continue in the program.

Eligibility for Licensure:

Completion of degree requirements for the BSN does not guarantee licensure as a registered nurse. The Nurse Practice Act for the State of Texas, and the Texas Board of Nursing (BON), require that a candidate for licensure possess good professional character. Students are regularly evaluated for good professional character throughout the program of study. Students who do not demonstrate the qualities required by the Nurse Practice Act will not be recommended for licensure. Good professional character includes, but is not limited to, behaviors indicating honesty, accountability, trustworthiness, reliability and integrity. Students will review the BON rules related to Good Professional Character (213-27), Standards of Nursing Practice (217-11), and Unprofessional Conduct (217-12) in the first semester of the nursing program, and they will be held to the standards throughout the program.

Declaratory Orders:

Applicants to the nursing program who answer "yes" to any of the following questions MUST contact the Texas Board of Nursing and file a petition for a declaratory order (an order which indicates the candidate will be eligible for a nursing license).

1. For any criminal offense, including those pending appeal, have you:
 - been convicted of a misdemeanor?
 - been convicted of a felony?
 - pled nolo contendere, no contest, or guilty?
 - received deferred adjudication?
 - been placed on community supervision or court-ordered probation, whether or not adjudicated guilty?
 - been sentenced to serve jail or prison time? court-ordered confinement?
 - been granted pre-trial diversion?
 - been arrested or have any pending criminal charges?
 - been cited or charged with any violation of the law?
 - been subject of a court-martial; Article 15 violation; or received any form of military judgment/punishment/action? (You may only exclude Class C misdemeanor traffic violations.)
2. Are you currently the target or subject of a grand jury or governmental agency investigation?
3. Has any licensing authority refused to issue you a license or ever revoked, annulled, cancelled, accepted surrender of, suspended, placed on probation, refused to renew a license, certificate or multi-state privilege held by you now or previously, or ever fined, censured, reprimanded or otherwise disciplined you?

4. Within the past five (5) years have you been addicted to and/or treated for the use of alcohol or any other drug?

5. Within the past five (5) years have you been diagnosed with, treated, or hospitalized for schizophrenia and/or psychotic disorders, bipolar disorder, paranoid personality disorder, antisocial personality disorder, or borderline personality disorder?

If you must answer yes to any of the questions above, refer to the Texas BON website at <http://www.bon.texas.gov/olv/pdfs/DOapp.pdf> (revised 03/2011) for more information.

Drug Screening

Drug screening may be required by some clinical agencies or by the School of Nursing's determination. The School will designate a company to do the drug screening and will not accept results from any company other than the one designated by the School. The student will pay the cost of the screening at the time of testing.

A student who has a positive drug screen will not be allowed to participate in clinical courses. The student will be required to complete, at the student's expense, chemical dependency evaluation and treatment if recommended by the drug assessment. Any student with a positive drug screen shall be suspended for a minimum of one calendar year and will be required to provide documentation of successful treatment prior to being readmitted to clinical courses. If readmitted, the student must be retested by the School approved laboratory and have a negative drug screen. This testing is done at the student's expense.

Liability, Health and Bloodborne Pathogen Insurance

Students are required to be covered by liability insurance. The liability insurance fee is included in nursing course fees. Students must also be covered by health insurance. Limited health insurance coverage is offered by the University. Bloodborne pathogen (needle-stick injury) insurance is also required and is included in that offered by the university. Students without bloodborne pathogen coverage in their policy need to purchase a rider.

PHYSICAL THERAPY

The pre-requisites for admissibility into the UIW Doctor of Physical Therapy (DPT) Program are an earned Bachelor degree (minimum of 120 credit hours) with a GPA of 3.0 or above. Applicants will have to submit their GRE scores, record of a minimum of 50 hours of observation in different physical therapy settings, three reference letters

The Rehabilitation Science major includes the course requirements for the DPT. Suggested coursework to meet course pre-requisites for

students in other majors. Course pre-requisites should be completed with a grade of C or above.

- ATHP 1211 – Medical Terminology
- BIOL 1402 – Unity of Life with Lab
- BIOL 2121/2122 - Anatomy & Physiology I w Lab
- BIOL 2322/2122 - Anatomy & Physiology II w Lab
- CHEM – 1301 Chemical Principles I
- CHEM – 1302 Chemical Principles II
- CHEM 1203L General Chemistry Lab
- PHYS 1301/1101 – General Physics I with Lab
- PHYS 1302/1102 – General Physics II with Lab
- PSYC/SOCI 3381 - Statistics for Behavioral Sciences
- PSYC 1301 – Introduction to Psychology
- PSYC 2370 – Child and Adolescent Development
- PSYC 3370 – Adult Development and Aging or SOCI 3355 – Aging in America
- PHIL 3333 – Applied Ethics
- SPAN 1313 Beginning Spanish for Health Care Professionals

REHABILITATIVE SCIENCES

[Course Descriptions, page 458]

The Bachelor of Science degree in Rehabilitative Science is designed to be the pathway for students seeking to go into physical therapy, occupational therapy, and physician assistant areas. The curriculum structure and content gives the graduate a strong foundation and credentials to embark on other careers in advanced healthcare settings or to enter the workforce as entry-level technicians in healthcare settings.

The degree plan includes the university core, 29 credit hours in athletic training, 16 credit hours in biology, eight credit hours in chemistry, six credit hours in kinesiology, 15 credit hours from sociology and psychology, and an additional eight hours from biology, chemistry, and physics courses. This degree plan was designed to meet the needs of most post-baccalaureate advanced allied health programs in the state of Texas. The curriculum was designed to meet the needs of the majority of programs within the state. In some instances, the individual may need to take additional course work to meet the academic prerequisites for entry into a specific program.

Admission to the Major:

**ILA FAYE MILLER SCHOOL OF NURSING AND
HEALTH PROFESSIONS**

Applicants will to the major during the semester in which the prerequisites will be completed. Applications to the major are due by April 1st. Applicants work with an assigned advisor and are required to submit a completed application form. External applicants or students not working with an advisor should send application materials to the Ila Faye Miller School of Nursing and Health Professions, ATTN: Rehabilitative Sciences, 4301 Broadway, San Antonio, TX 78209. As part of the application process, the student must submit the following to be considered for entry into the major:

- A completed application form with three references and essay (found online)
- Official transcripts from all colleges attended
- A candidate may be required to attend an interview with the selection committee and complete a general knowledge exam.

To be considered for admission the student must meet the following criteria:

- Completion of the application with all components
- 27 hours of college-level credit with a minimum cumulative GPA of 3.0.

Major Requirements for a Bachelor of Science with a major in
Rehabilitative Sciences: 33 semester hours

Core Curriculum Requirements (39-42 hours):

	Semester Hours
English 1311 and 1312	6
Dimensions of Wellness 1200 or 3200	2
Physical activity course (See PEHP)	1
PHIL 1381	3
Religious Studies Course	3
Upper Level Religious Studies or Philosophy (3000+)	3
ENGL 2310	3
Fine or Applied Arts (Art, Art History, Dance, Music, Music Appreciation, Theater)	3
MATH 1311	3
Science (Courses counted in major)	0
History 1311, 1312, 1321, 1322, or 2322	3
PSYC 1301	3
Modern Language (six hours in one language)	6
Computer Literacy Requirements (course or test)	

Major Requirements

Athletic Training Education Requirements (29 Hours):

ATHP	1211	Medical Terminology
ATHP	1310	Introduction to Athletic Training

ILA FAYE MILLER SCHOOL OF NURSING AND
HEALTH PROFESSIONS

ATHP	2305	Functional Anatomy and Muscle Testing
ATHP	2310	Orthopedic Injuries and Athletic Conditions
ATHP	2315	Evaluation of Injuries/Conditions Trunk, Lower Extremities
ATHP	2320	Evaluation of Injuries/Conditions Head, Neck, Upper Extremities
ATHP	3310	Pathology of Body Systems
ATHP	3320/3120	Therapeutic Modalities
ATHP	3330/3130	Therapeutic Rehabilitation
ATHP	4388	Internship in Athletic Training

Biology Requirements (16 Hours):

BIOL	1401	Diversity of Life with Lab
BIOL	1402	Unity of Life with Lab
BIOL	2321/2122	Anatomy and Physiology I and Lab
BIOL	2322/2122	Anatomy and Physiology II and Lab

Chemistry Requirements (8 hours):

CHEM	1301	Chemical Principles I
CHEM	1302	Chemical Principles II
CHEM	1203L	General Chemistry Lab

Kinesiology Requirements (6 hours):

PEHP	3355	Theory of Movement Forms
PEHP	4338	Fundamentals of Human Performance

Sociology and Psychology Requirements (15 hours):

SOCI	3351	Social Psychology
PSYC	3331	Abnormal Psychology
SOCI or PSYC	3381	Statistics For The Social Sciences
SOCI or PSYC	3384	Research Methods
PSYC	4320	Health Psychology

Science Elective Requirements (Select 8 hours from the following):

BIOL	3471	General Microbiology with Lab
CHEM	2311/2111	Organic Chemistry I and Lab
CHEM	2312/2112	Organic Chemistry II and Lab
PHYS	1301/1101	General Physics I and Lab
PHYS	1302/1102	General Physics II and Lab

Rosenberg School of Optometry

VISION SCIENCE (VISC)

[Course Descriptions, page 471]

The B.S. in Vision Science degree requires the completion of 122 semester credit hours over a four year period. The degree program satisfies UIW Core curriculum requirements and the prerequisite requirements the Rosenberg School of Optometry (RSO). All UIW undergraduate core curriculum requirements are intended to be completed by the end of the junior undergraduate year.

Beyond the goal for successful entrance into the Doctor of Optometry program at RSO, the B.S. in Vision Science provides students the opportunity to earn a degree which satisfies most requirements for medical, dental and other health-related professional schools. Furthermore, the curriculum structure and content gives the graduate a strong foundation and credentials to embark on a biomedical graduate research career, or to enter the workforce as a vision-science or ophthalmic-related specialist.

Students in years 3 and 4 of the Vision Science Degree Program will rotate through optometry clinics as part of their curriculum. This is the only program in the country where undergraduate students spend a substantial amount of time learning under the guidance and supervision of clinical academic faculty and professional staff in both the classroom and outpatient clinical settings. This is also the only national preparatory vision science undergraduate degree program where students spend 3 rotations working with professional school interns in our outpatient facility and participating in outreach programs such as school vision screenings, health fairs, nursing home care and healthcare missions. To assist in preparing for the Optometry Admissions Test (OAT), Vision Science Degree students have the opportunity to enroll in a six week summer program designed to familiarize them with the OAT and to help them with focusing on the skills and knowledge needed to obtain competitive scores on the exam.

The B.S. in Vision Science degree is designed so students will have a foundation in vision science that far exceeds any other traditional applicants to optometry schools. This strong foundation will enhance the students' competitive credentials for optometry school, and once enrolled in a doctor of optometry program, will help jump-start their success in the professional doctorate curriculum. The design, focus and spirit of the B.S. in Vision Science degree will produce graduates that are well trained and prepared to pursue professional healthcare education/degrees, medical/vision research and many other work opportunities in the healthcare and medical fields.

To fulfill the requirements for Vision Science major, the student must complete the following:

1. Rhetoric (6 hours--Grade of C or better is required)

ROSENBERG SCHOOL OF OPTOMETRY

- | | | |
|------|---------|------------------------|
| ENGL | 1311 or | Composition I |
| | 1311L | Composition I with Lab |
| ENGL | 1312 | Composition II |
2. Literature and Fine Arts (6 hours):
- | | | |
|-----------|------|--------------------------------------|
| ENGL | 2310 | World Literature Studies |
| Fine Arts | | 3 Hours from Fine or Performing Arts |
3. Philosophy and Religious Studies (9 hours):
- | | | |
|------|------|---|
| PHIL | 1381 | Introduction to Philosophy |
| RELS | 13XX | Religious Studies |
| | | 3 additional upper-level hours from Philosophy or Religious Studies |
4. History and Social Sciences (6 hours):
- | | | |
|------|------|---|
| HIST | | 3 Hours from HIST 1311, 1312, 1321, or 1322 |
| PSYC | 1301 | Introduction to Psychology |
5. Mathematics and Natural Sciences (7 hours):
- | | | |
|------|------|-----------------------|
| MATH | 2312 | Calculus I |
| BIOL | 1402 | Unity of Life and Lab |
6. Second Language (6 hours):
Must be two consecutive courses of the same language or equivalent
7. Wellness (3 hours):
- | | | |
|------|------|-------------------------------|
| DWHP | 1200 | Dimensions of Wellness |
| | | 1 hour additional PE activity |
- Vision Science Curriculum (Grade of C or better is required)
- | | | |
|------|------|--|
| VISC | 1112 | Introduction to vision Science and Optometry |
| VISC | 3211 | Applied Vision Science |
| VISC | 3291 | Clinical Internship I |
| VISC | 3292 | Integrated Ocular Science |
| VISC | 3212 | Neuroscience of the Visual System |
| VISC | 4322 | Overview of Immunology and Eye Disease |
| VISC | 4311 | Visual Optics |
| VISC | 4291 | Clinical Internship II |
| VISC | 4211 | Visual Pharmacological Sciences |
| VISC | 4392 | Clinical Internship III |
| VISC | 4212 | Public Health and Epidemiology |
| VISC | 4312 | Ophthalmic Lenses and Optical Design |
| VISC | 4242 | Ocular Nutrition |
- Support Work (Grade of C or better is required)
- | | | |
|------|------|--|
| SPCH | 1311 | Public Speaking |
| MATH | 2303 | Introduction to Probability and Statistics |
| MATH | | Math elective (3 credits) or 3 hours general elective based upon mathematics credits earned and advisor's approval |
| BIOL | 3411 | Molecular Biology of the Cell and Lab |

ROSENBERG SCHOOL OF OPTOMETRY

BIOL	3471	General Microbiology and Lab
CHEM	1301	Chemical Principles I
CHEM	1302	Chemical Principles II
CHEM	1203L	General Chemistry Lab
CHEM	2311	Organic Chemistry I
CHEM	2111	Organic Chemistry I Lab
CHEM	2312	Organic Chemistry II
CHEM	2112	Organic Chemistry II Lab
CHEM	4351	Biochemistry
PHYS	2305	Physics I
PHYS	2105	Physics I Lab
PHYS	2306	Physics II
PHYS	2106	Physics II Lab
NUTR	2341	Introduction to Nutrition
BMGT	3340	Management Theory and Practice

3 + 4 Bachelor of Science Vision Science to Doctor of Optometry

The Rosenberg School of Optometry at the University of the Incarnate Word Rosenberg School of Optometry offers a direct admit program. The 3+4 Bachelor of Science in Vision Science / Doctor of Optometry program will provide a student the opportunity to complete the Bachelors of Science in Vision Science and the Doctor of Optometry degree over a seven year period instead of the traditional eight year track.

This curriculum is an accelerated program for the advanced undergraduate student who is ultimately interested in a Doctor of Optometry terminal degree. The successful undergraduate student will qualify to enter this program upon admission to the University with specific criteria (Phase I). The student will need to maintain and meet additional requirements throughout their three years of undergraduate Vision Science coursework in order to be accepted into the O.D. program (Phase II). Upon acceptance into the professional program and successful completion of the 1st Professional Year, the student will be retroactively granted a B.S. in Vision Science degree. At the successful conclusion of the 4-year block step professional program, the student will be awarded a Doctor of Optometry (O.D.) professional degree. Please note that accepted undergraduate students will be expected to meet with the Academic Advisor & a Professional Program representative twice a semester for academic support services.

Please see Phase I Requirements and Phase II Requirements below:

Phase I Requirements:

- 1140 SAT / 25 ACT
- 3.7 High School Cumulative GPA / 3.7 High School Math and Sciences GPA
- Student must be prepared to begin in Pre-Calculus 1st semester, Freshman Year

Phase II Requirements:

- 3.3 Undergraduate CUM GPA / 3.3 Undergraduate Math and Sciences GPA
- Students must meet this requirement upon application to the professional program
- Optometry Admissions Test (OAT): 320 Academic Average / 320 Total Science
- All subsections of the OAT should be at a 300 or higher
- Successful completion of a minimum of 90 semester credit hours
- Successful completion of prerequisite requirements with a 'C' or better
- Completion of application process (<http://optometry.uiw.edu/admissions/apply.html>) to include submission of OptomCAS and official OAT scores
- Interview
- Minimum of two Letters of Recommendation (LOR) to include one LOR from an optometrist and one LOR from an academic advisor or faculty member

To fulfill the requirements for the VS 3+4 major, the student must complete the following:

First through third undergraduate years

1. UIW Core Curriculum (see the 4-year program)
2. Vision Science Curriculum (Grade of C or better is required)

VISC	1112	Introduction to vision Science and Optometry	1
VISC	3211	Applied Vision Science	2
VISC	3291	Clinical Internship I	2
VISC	3292	Integrated Ocular Science	2
VISC	3212	Neuroscience of the Visual System	2
3. First Professional Year - Fall Semester

OPT	111	Basic Optometry With Lab	4.5
OPT	112	Principles of Optics with Lab	4.5
OPT	113	Gross Anatomy and Histology with Lab	5
OPT	114	Fundamentals of Vision Science with Lab	4
OPT	115	Clinical Physiology	3
OPT	119	Orientation of Optometry and Ethics	1
4. First Professional Year - Spring Semester

OPT	121	Intermediate Optometry with Lab	4.5
OPT	122	Visual and Applied Optics with Lab	6
OPT	123	Clinical Ocular Anatomy with Lab	4
OPT	125	Clinical Immunology and Histopathology	2
OPT	126	Neuroanatomy with Lab	3
OPT	128	Ocular Biochemistry and Molecular Genetics	1.5
OPT	129	Healthcare System & Communication with Lab	1.5

5. Support Work (Grade of C or better is required)			
SPCH	1311	Public Speaking	3
MATH	2303	Introduction to Probability and Statistics	3
MATH	1311	PreCalculus or 3 hours general elective based upon math credits earned and advisor's approval	3
BIOL	3411	Molecular Biology of the Cell and Lab	4
BIOL	3471	General Microbiology and Lab	4
CHEM	1301	Chemical Principles I	3
CHEM	1302	Chemical Principles II	3
CHEM	1203L	General Chemistry Lab	2
CHEM	2311	Organic Chemistry I	3
CHEM	2111	Organic Chemistry I Lab	1
CHEM	2312	Organic Chemistry II	3
CHEM	2112	Organic Chemistry II Lab	1
CHEM	4351	Biochemistry	3
PHYS	2305	Physics I	3
PHYS	2105	Physics I Lab	1
PHYS	2306	Physics II	3
PHYS	2106	Physics II Lab	1
NUTR	2341	Introduction to Nutrition	3
BMGT	3340	Management Theory and Practice	3

School of Media and Design

The School of Media and Design integrates existing programs in a dynamic, thoughtful and cohesive way in an effort to better serve the needs of the Incarnate Word student. The School of Media and Design programs emphasize the use of technology and provide students with a firm foundation in theory as well as application. Students participating in these programs develop the necessary knowledge and skills to enable them to become effective professionals in their selected careers.

The School of Media and Design offers undergraduate programs in Computer Graphic Arts, Interior Environmental Design, Communication Arts and Computer Information Systems. The school also houses the Juren Sullivan Center for Fashion Management. Each of these programs is described in more detail in the sections under the appropriate department.

Media and Design Programs Offered

3D ANIMATION AND GAME DESIGN

[Course Descriptions, page]

Bachelor of Fine Arts in Animation and Game Design

The 3D Animation and Game Design (ANGD) program prepares students to pursue careers in the field of computer-generated animation in film, television, advertising, and games. Graduates find work as

modelers, texture artists, animators, character animators, composers and game designers. In addition to layout, illustration, and cinematic skills, students learn professional production values and practices.

The goal of the 3D Animation and Game Design program is to prepare students for a demanding and competitive field. Because of this competitiveness, the department must be selective and demanding in course work requirements and assessments. A student's success in this area depends on a solid foundation in modeling, form finding, texture painting, motion studies, cinematic theory, problem solving ability, and software skills. Since the experiences and backgrounds of entering students vary widely, some students need additional time at the foundation level before they are ready for their concentration courses.

It is University policy that students must pass courses in their major with a minimum grade of C. Students who make a D or less must re-take their major courses. In the 3D Animation and Game Design program, students may attempt each ANGD course twice.

Requirements for a major in 3D Animation and Game Design:

1. ANGD Core Courses

ANGD	1101	Orientation to Animation and Game Design
ANGD	1301	Introduction to Animation and Game Design
ANGD	1302	Digital Imaging and Texture Painting
ANGD	1311	Set and Level Design
ANGD	1321	Character Modeling
ANGD	1380	Anatomy for the Animator
ANGD	2311	Advanced Set and Leveling Design
ANGD	2330	History of Animation
ANGD	2321	Rigging and Animation
ANGD	2431	Advanced Character Creation and Animation
ANGD	3315	Visual Narrative Conventions
ANGD	3325	Figure Drawing For Animators (must take twice)
ANGD	3360 or 3325	Programming for Games or Figure Drawing for Animators (third enrollment)
ARTS	1301	Drawing I
ARTH	2362	Art History: Renaissance through Modern
ARTS	3331	Sculpture

2. ANGD Advanced Core

ANGD	3340	Production I
ANGD	3350	Production II
ANGD	4100	Animation(must take six times)
ANGD	4140	Senior Thesis Workshop
ANGD	4301	Advanced Projects Practicum
ANGD	4303	Co-Op Internship
ANGD	4305	Senior Portfolio
ANGD	4341	Business of Animation and Game Design
ANGD	4440	Senior Thesis Production I
ANGD	4450	Senior Thesis Production II
ARTH	4361	20th Century Art
PHIL	3375	Aesthetics

COMMUNICATION ARTS

[Course Descriptions, page on page 341]

Within a liberal arts curriculum, the goals of the Communication Arts program are to cultivate the student's imagination and creativity through mastery of the technical skills needed to become effective professionals in the field of communications; to create an environment which fosters the exploration of diverse perspectives and encourages critical interpretation of ideas, images, and symbols; and to encourage students to use their skills and resources to serve their community and society, so that they are prepared to participate confidently, ethically, and competently as concerned and enlightened citizens.

Major requirements for a Bachelor of Arts:

1. 25 semester hours in required Communication Arts courses:

COMM	1100	Orientation to Communication Arts
COMM	1301	Introduction to Mass Communication
COMM	1305	Computer Literacy for Communication Arts
COMM	2315	Writing for the Media
COMM	3310	Theories of Communication
COMM	4315	Media Ethics
COMM	4328	Internship
COMM	4332	Law and the Media
COMM	4390	Senior Portfolio

2. 21 semester hours in one of the following concentrations: (A, B, C, D):

A. Production Concentration (Students must complete all requirements from section 1 through section 6):

15 semester hours chosen from the following:

COMM	2320	Audio Production I
COMM	2360	Video Production I (Field)
COMM	3340	New Media Narratives
COMM	3360	Video Production II (Studio)
COMM	3365	Multi-Media Design and Production
	or	or
	4340	Graphic Design and Layout
COMM	4358	Producing/Directing Seminar

6 semester hours chosen from the following:

COMM	2357	Photography I
COMM	3320	Aesthetics of Vision and Sound
COMM	3325	Writing the Script
COMM	3358	Digital Photography
COMM	3365	Multimedia Design and Production
COMM	3380	Announcing/Performance
COMM	3390	Radio Practicum
COMM	4305	Communications, Technology and Society

COMM	4322	Seminar in Selected Film Topics
COMM	4340	Graphic Design and Layout
COMM	4347	Social Media
COMM	4351	Advanced Digital Editing and Production

B. Journalism Concentration (Students must complete all requirements from section 1 through section 6):

15 semester hours from the following:

COMM	2354	Journalism I
COMM	3354	Journalism II
COMM	3355	Publications Practicum
COMM	3365	Multi-Media Design and Production
	or	or
	4340	Graphic Design and Layout
COMM	4347	Social Media
COMM	4349	Electronic and Digital Writing

6 semester hours chosen from the following:

COMM	3317	Diversity in the Media
COMM	3330	The Impact of Media on Society
COMM	3340	New Media Narratives
COMM	3353	Broadcast Journalism
COMM	3355	Publications Practicum
COMM	3358	Digital Photography
COMM	3370	Organizational Communications and Leadership
COMM	4320	Issues and Trends in Bilingual Communications
COMM	4335	News and Feature Editing
COMM	4340	Graphic Design and Layout
COMM	4348	Journalism History
COMM	4350	Photojournalism
COMM	4355	Magazine Article Writing
COMM	4375	Public Relations

C. Media Studies Concentration (Students must complete all requirements from section 1 through section 6):

This program may be taken as an accelerated Bachelor's to Master's (ABM) degree for qualified students. Students apply to graduate program in the beginning of their junior year.

1. 15 semester hours from the following:

COMM	3330	The Impact of Media on Society
COMM	3340	New Media Narratives
COMM	3365	Multi-Media Design and Production
	or	or
	4340	Design, Layout, and Print Production
COMM	4305	Communications Technology and Society
COMM	4325	Global Media Studies

2. 6 semester hours in one of the following:

COMM	2354	Journalism I
COMM	3320	Aesthetics of Vision and Sound
COMM	3325	Writing the Script
COMM	3353	Broadcast Journalism
COMM	3370	Organizational Communications and Leadership
COMM	4320	Issues and Trends in Bilingual Communications
COMM	4322	Seminar in Selected Film Topics
COMM	4348	Journalism History
COMM	4375	Public Relations

D. Speech Communications Concentration (Students must complete all requirements from section 1 through section 6):

15 semester hours from the following:

SPCH	2321	Voice and Diction
SPCH	3371	Persuasion
COMM	3365	Multi-Media Design and Production
		or
		or
	4340	Graphic Design and Layout
SPCH	3391	Nonverbal Communication
COMM	4340	Graphic Design and Layout
SPCH	4371	Interpersonal Communication

6 semester hours from the following:

SPCH	2341	Business and Professional Speech
SPCH	4395	Practicum in Speech Communication
COMM	3320	Aesthetics of Vision and Sound
COMM	3330	The Impact of Media on Society
COMM	3370	Organizational Communications and Leadership
COMM	4320	Issues and Trends in Bilingual Communications
COMM	4375	Public Relations
COMM	4399	Selected Topics

E. Bilingual Communication Arts Concentration :

This is concentration allows students to study Communication Arts and develop a fluency in Spanish to prepare them for working in a bilingual and bicultural work environment. This program may be taken as an accelerated Bachelor's to Master's degree for qualified students. Students apply to graduate program in the beginning of their junior year.

Students must complete all requirements from sections 1, 3, 4, and 5 plus the following:

Spanish Language requirement:

(12 semester hours beyond SPAN 1311 & 1312, which count for the Core requirements for Foreign Language):

SPAN	2311	Intermediate Spanish I
SPAN	2312	Intermediate Spanish II

SPAN	3301	Advanced Grammar and Composition
SPAN	3334	Spanish and the Media or
	or	Culture and Civilization/Latin America
	3312	

Business requirement (6 semester hours):

BMKT	3331	Principles of Marketing
BMKT	3333	Integrated Marketing Communication

Bilingual concentration requirement (27 semester hours from the following):

COMM	2320	Audio Production I
COMM	2354	Journalism I
COMM	3354 or	Journalism II or
	4399	Selected Topics
COMM	3317	Diversity in the Media
COMM	4320	Issues and Trends in Bilingual Communications
COMM	3380 or	Announcing and Performance or
	3353 or	Broadcast Journalism
	2360 or	Video Production I or
	3360	Video Production II
COMM	3355 or	Publications Practicum or
	3390 or	Radio Practicum or
	3395	Television Practicum
COMM	3370 or	Organizational Communication and Leadership
	COMM	or
	Elective	Communication Arts elective approved by Advisor
COMM	3340 or	Computer Graphics and Visual Communications or
	3365 or	Multi-Media Design and Production or
	4347	Social Media

F. Convergent Media Concentration:

The Convergent Media concentrations is designed to meet the growth of digital technology and online interaction. The concentration is structured so students will gain the tools and knowledge to be innovators of digital technology and online interactions. This program may be taken as an accelerated Bachelor's to Master's degree for qualified students. Students apply to graduate program in the beginning of their junior year.

Students must complete all requirements from sections 1, 3, 4, and 5 plus the following:

39 semester hours in required Convergent Media concentrations:

COMM	2354	Journalism I
COMM	2320	Audio Production I
COMM	2360	Video Production I
COMM	3354	Journalism II
		6 Hours from 2 different practicums:
COMM	3355	Publications Practicum (LOGOS)
COMM	3390	Radio Practicum
COMM	3395	Television Practicum

COMM	3380 or 3353	Announcing and Performing or Broadcast Journalism
COMM	3340	New Media Narratives
COMM	3365	Multimedia Design and Production
COMM	4347	Social Media
COMM	4349	Electronic and Digital Writing
COMM	4343	Convergent Media
COMM	4305	Communications, Technology and Society

Plus 3 hours of COMM or general electives approved by the advisor

3. 6 additional semester hours in upper-division Communication Arts
4. SPCH 1311, Public Speaking
5. 9 semester hours of English as follows (6 semester hours must be upper division):
 - ENGL 2365 Professional and Technical Communication
 - 6 semester hours of upper division English (ENGL 3375, recommended)
6. 6 additional upper division hours from any discipline, including Communication Arts. **Note: courses taken for the CORE requirement do not satisfy this requirement.**

Requirements for a Minor in Communication Arts:

COMM 1301 Introduction to Mass Communication

Plus 9 additional hours in COMM, 6 of which must be upper division.

Accelerated Bachelor of Arts/Master in Arts (ABM)

The Accelerated BA/MA degree program allows academically prepared and motivated undergraduate students an opportunity to complete degree requirements for both the bachelor and master degrees at an accelerated pace (ABM). By linking the curricula of the undergraduate and graduate business programs, not only is student knowledge and skill level reinforced, but students can complete both programs sooner and at less expense than if they enrolled in both programs separately.

The ABM can be used for the Bilingual Communication, Convergent Media, and Media Studies concentrations. See the Graduate Bulletin for additional information and degree course requirements.

Accelerated Bachelor to Master (ABM) Program Admittance:

- Students must apply to the graduate program their junior year about 75 hours. Students must meet all University graduate admission requirements and apply as an ABM student. *
- Submit a completed formal Graduate application, which can be obtained from the Admissions Office website.
- Take the GRE if GPA is between 3.0 and 3.49. Student will automatically be accepted to graduate school if they end their undergraduate work with a 3.5 or above.
- GRE minimum scores of 400 Verbal and 3.5 Essay are required.
- Hold an undergraduate degree with a 3.5 GPA or above will automatically be considered eligible for admission to graduate school.
- Students must interview with the Coordinator in Communication Arts and submit a writing sample.
- Meet with your assigned adviser.
- Attend an orientation session for CA ABM students

*ABM students will be awarded both the B.A. and M.A. in Communication Arts upon completion of all coursework hours required in both programs and the Mastery Coursework Requirements.

COMPUTER GRAPHIC ARTS

[Course Descriptions, page 352]

Computer Graphic Design is now two separate departments--3D Animation and Game Design and Graphic Design. Please refer to their separate sections in this catalog.

3D Animation and Game Design

The 3D Animation and Game Design (ANGD) program prepares students to pursue careers in the field of computer-generated animation in film, television, advertising, and games. Graduates find work as modelers, texture artists, animators, character animators, composers and game designers. In addition to layout, illustration, and cinematic skills, students learn professional production values and practices.

Graphic Design

The Graphic Design (GDSN) program prepares students to pursue careers in the field of graphic design including design, typography, interactive design, identity design, information graphics, publication design, packaging and environmental design. Graduates find work as graphic designers, art directors, interactive designers, and multimedia specialists. In addition to layout, illustration, and software skills, students learn professional production and practices.

COMPUTER INFORMATION SYSTEMS

[Course Descriptions, page 348]

Bachelor of Science in Computer Information Systems (CIS).

As a graduate of the CIS program, you will be a valuable and integral member of a variety of organizations from which you can choose because you will be able to plan, design, build, and explain the operations of computer systems and networks. You will be able to install, configure, program, protect, and administer systems and applications which will aid organizations in making decisions and in performing their missions more effectively and efficiently. In addition to gaining this wide range of knowledge and skills, you will also have gained experience in the soft skills that organizations require for success today, such as team-working, decision making, visual modeling, project management, non-technical communications, and understanding business processes.

A Minor in Computer Information Systems is available for students who wish to enhance their chosen field of study, since computer information systems and concepts are employed in nearly all organizations today.

Requirements for the B.S. degree with the Computer Information Systems Major:

The CIS Major consists of 58 credit hours, which include the following required courses plus one specialization focusing in an area of your choice that culminates in a capstone course where you can integrate and demonstrate what you have learned in a useful and meaningful way.

MATH 2303, Probability and Statistics, is required for this degree and will satisfy the UIW Core Curriculum mathematics requirement.

CIS Core Courses (40 hours required)

CIS in Context (10 hours)

CIS	1301	Computer Information Systems
ECON	2302	Principles of Microeconomics
CIS	3319	Internship in CIS
CIS	4190	Seminar in CIS

Hardware and Software (9 hours)

CIS	2328	Hardware and Systems Software
CIS	2340	Windows Operating Systems
CIS	2350	Linux Operating Systems

Programming (6 hours)

CIS	2330	Programming Languages I
CIS	2368	Website Development I

Networks (6 hours)

CIS	2335	Network +
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CIS 3367 Networks and Telecommunications

Management (9 hours)

CIS 3362 Systems Analysis and Design

CIS 4310 Management of Technology

CIS 4340 Computer Systems Security

CIS Specializations (select one for a total of 18 hours):

A. Network Security

CIS 3340 Client-Server Networking

CIS 3355 Cloud Computing

CIS 4370 Computer Network Security

Plus 6 hours CIS courses from any other specialization

Plus CIS 4390, Capstone in CIS

B. Programming

CIS 3330 Programming Languages II

CIS 3360 Computer Science

CIS 4330 Object Oriented Programming

Plus 6 hours CIS courses from any other specialization

Plus CIS 4390, Capstone in CIS

C. Website Development

CIS 3310 Database Management Systems

CIS 3365 Website Development II

CIS 4375 Creating Dynamic Websites

Plus 6 hours CIS courses from any other specialization

Plus CIS 4390, Capstone in CIS

D. Emerging Technologies

CIS 3380 Emerging Technologies

CIS 4380 Virtual Environments

COMM 4305 Communications, Technology, and Society

Plus 6 hours CIS courses from any other specialization

Plus CIS 4390, Capstone in CIS

Requirements for a Minor in Computer Information Systems:

The CIS Minor consists of 15 credits, 6 of which must be advanced, of study designed to give a broad base of understanding in computer hardware, networks, operating systems, and software applications, programming, website development, communications, and technologies.

GRAPHIC DESIGN

[Course Descriptions, page 352]

Bachelor of Fine Arts in Graphic Design

The Graphic Design program prepares students to pursue careers in the field of graphic design including design, typography, interactive design, identity design, information graphics, publication design, packaging and environmental design. Graduates find work as graphic designers, art directors, interactive designers, and multimedia specialists. In addition to layout, illustration, and software skills, students learn professional production and practices.

Portfolio Review

The goal of the Graphic Design program is to prepare students for a demanding and competitive profession. Dedication to this goal means that the program must be selective in quantity in order to offer students the best quality experience we can. A student's success in their concentration depends on a solid foundation in visual design, communication concepts, problem solving ability, and software skills. Since the experiences and backgrounds of entering students vary widely, some students need additional time at the foundation level before they are ready for their concentration courses. Because the Graphic Design program requires a specific set of skills, all students must submit a portfolio for review. Passing this review is required for admittance to the Graphic Design major and before concentration classes may be attempted.

Portfolios will be reviewed at the end of the Foundations (first) year. Transfer students who wish to start in the track classes must submit a portfolio at the scheduled portfolio review time the SPRING semester before they plan to attend. Since the number of applicants will vary each year, passing grades in Foundations year classes will not guarantee admission to the major.

Students who do not pass the portfolio review may resubmit a portfolio the following year. Students who plan to submit a portfolio for review should retake some or all of the foundation courses to enhance their portfolio.

Please note that acceptance to the University does not guarantee admission to the Graphic Design major.

More information can be found at the following link: <http://uiw.gd/review>

Laptop Program

Students that are accepted into the Graphic Design program will be required to purchase (or show proof of ownership of) a qualified laptop and the required software. Current specifications can be found on the program's website at the following link: <http://uiw.gd/laptop>.

Policy on Attempting Courses

It is University policy that students must pass courses in their major with a minimum grade of a C. Students who make a D or less must re-take their major courses. In the Graphic Design program, students may attempt each GDSN course twice.

If, in two tries, the highest earned grade is less than a C, the student must have the permission of the GDSN faculty to continue as a major and attempt the course for a third time.

If, after faculty approval, the third attempt at the course is earns a grade less than C, the student must change majors.

Requirements for a Major in Graphic Design (83 hours):

1. Graphic Design Pre-Portfolio Courses (17 hours):

The following courses must be taken during a student's first year and must be completed with a passing grade for eligibility to submit a portfolio for review.

GDSN	1100	Orientation to Graphic Design
GDSN	1210	Drawing for Designers
GDSN	1215	Digital Imaging
GDSN	1301	Graphic Design Software
GDSN	1380	Foundations of Design
GDSN	1390	Typography I
ARTS	1301	Drawing I

2. Graphic Design Major Courses (57 hours):

The following courses are required of students that pass the portfolio review and are accepted into the Graphic Design program.

ARTH	2361	Survey I: Ancient to Medieval
ARTH	2362	Survey II: Renaissance to Modern
ARTH	3360	Survey in Contemporary Art
GDSN	2300	Interactive Design I: Basic Design & Languages
GDSN	2305	Visual Language
GDSN	2310	Graphic Design I: Introduction to Visual Communication
GDSN	2390	Typography II
GDSN	3300	Interactive Design II: User Interface Design
GDSN	3310	Graphic Design II: Visual Systems
GDSN	4220	Senior BFA Seminar
GDSN	4240	Advanced Projects: Graphic Design
GDSN	4250	Advanced Projects: Interactive Design
GDSN	4300	Interactive Design III: Dynamic Web Systems
GDSN	4301	Advanced Projects Practicum
GDSN	4303	Senior Portfolio
GDSN	4310	Graphic Design III: Information Design
GDSN	4325	Business of Design
GDSN	4330	History of Communication Design
GDSN	4399	Special Topics
PHIL	3375	Aesthetics of Art & Beauty

3. Approved Electives (9 Hours; 3 must be Upper Division):

Students may choose from the following courses to complete the hours towards the BFA in Graphic Design. To meeting the minimum Upper Division credit requirement, one of the electives must be an Upper Division course (33xx or higher).

ARTS	2351	Printmaking I
ARTS	3300	Color Theory for Artists
ARTS	3352	Printmaking II
BMKT	3331	Principles of Marketing
BMKT	3333	Integrated Marketing Communications
COMM	1301	Introduction to Mass Communication
COMM	2320	Audio Production I
COMM	2358	Video Production I
GDSN	3320	Aesthetics of Vision and Sound
GDSN	4302	Cooperative Education Internship
GDSN	3380	Concepting Workshop
GDSN	4380H	Graphic Design Honors Project
GDSN	4390	Graphic Design World Travel
INTD	2364	Color Theory

Approved Minors (12-18 Hours):

Transfer and non-traditional students who must maintain full-time enrollment are encouraged to choose one of the approved minors. These credits can count towards the elective credits required for the major. Students are free to choose any minor they wish. Consult your advisor for more information on minors. A minor is not required of all students but is helpful.

Note: Please refer to the catalog for requirements for each minor.

Minor in Art	18 Hours	ARTS
Minor in Art History	15 Hours	ARTH
Minor in Photography	18 Hours	ARTS
Minor in Communication Arts	12 Hours	COMM
Minor in Marketing	18 Hours	BMKT

JUREN SULLIVAN CENTER FOR FASHION MANAGEMENT

FASHION MANAGEMENT (FMGT)

The Fashion Management program is a unique blend of two disciplines, fashion design and fashion merchandising. All fashion management students take 40 hours of select core courses within fashion and business and 27-30 hours of required courses within the select concentration of either fashion design or merchandising.

FASHION MANAGEMENT CONCENTRATIONS OFFERED:

MERCHANDISING CONCENTRATION

Merchandising students prepare for careers in the wholesale, retail or support segments of the fashion industry. This program provides the students with a basic background in fashion design and construction, as

well as the skills required for a successful career in fashion retailing through courses in textiles, merchandising, buying, entrepreneurship, promotion, and select business administration courses.

DESIGN CONCENTRATION

Design students learn to create and develop apparel. Students will be taught the application of design elements and principles, selection and use of fabrics and textiles, and the construction techniques for transforming design concepts into garments in order to create a final marketable product.

GENERAL INFORMATION CONCERNING ADMITTANCE TO AND REMAINING IN THE FASHION MANAGEMENT PROGRAM:

Please note that acceptance to the University does not guarantee admission to the Fashion Design major. Because the design concentration requires a specific set of skills, all students planning to enter this concentration must pass two different skills assessment tests and two portfolio reviews. Passing the tests and the reviews is required before admittance into the upper level design courses is attempted. The purpose of the skills assessment and the portfolio review process is to ensure that the most qualified students, evidenced by adequate skill and knowledge levels, will advance in the program.

The first skills assessment and portfolio review will occur in the middle of the sophomore year or after three full semesters. The second skills assessment and portfolio review will occur at the end of the junior year prior to enrolling in the Senior Collection course offered the following fall. Students must keep in mind that passing grades of a C will not guarantee passing either of the skills assessments or the portfolio reviews.

Transfer students must take the skills assessment and submit a portfolio at the scheduled portfolio review time in the SPRING semester before they plan to attend. In addition, they will not be allowed to take the upper level design courses until the test and review have been successfully completed. Students should consider transferring into the program prior to meeting all general core requirements or course options will be limited. The completion of the Fashion Design major course requirements alone require a minimum of six semesters due to strict sequencing, regardless of other credit hours accumulated.

Students who do not pass the skills assessment tests and portfolio reviews may retake the test and resubmit the portfolio the following year. Students who plan to retest and resubmit should retake some or all of the design foundation courses to enhance their skills.

It is University policy that students must pass courses in their major with a minimum grade of a C. Students who make a D or less must re-take their major courses. In the Fashion Management program, students may attempt each FMGT, FADS or FMER course twice. If, after two tries, the highest earned grade is less than a C, the student must obtain the permission of the FMGT faculty to continue as a fashion major and

attempt the course for a third time. If, after faculty approval, the third attempt at the course is a grade lower than a C, the student must change majors.

MAJOR REQUIREMENTS FOR A BACHELOR OF ARTS:

Students must complete the Fashion Management Core (40 hours) and one of two concentrations (27-30 hours) for a total of 67-70 hours in the major.

Fashion Management Core: 43 semester hours (18 advanced hours)

A. Required courses: *Indicates a studio class which meets 5.5 hours per week.

ACCT	2301	Accounting for Non-Business Majors
FMGT	1111	Seminar in Fashion Management
FMGT	1305	Introduction to Fashion Management
FMGT	1307	Cultural Perspectives of Dress
FMGT	1310	Apparel Construction I *
FMGT	2323	Fashion History I
FMGT	2341	Textiles
FMGT	2350	Promotional Strategies in Fashion
FMGT	3323	Fashion History II
FMGT	3340	Textile Product Analysis
FMGT	3383	Buying I
BMKT	3331	Principles of Marketing
FMGT	4331	Fashion Show Production
FMGT	4382	Portfolio
FMGT	4350	Global Fashion Economics

*Indicates a studio class which meets 5.5 hours per week.

Fashion Design Concentration: 30 Semester hours

B. Required courses: *Indicates a studio class which meets 5.5 hours per week.

FADS	1320	Apparel Construction II *
FADS	2331	Flat Pattern *
FADS	3325	Draping *
FADS	3330	Advanced Design *
FADS	3333	Fashion Illustration *
FADS	4332	Patternmaking Methods *
FADS	4325	Tailoring *
FADS	4340	Computer Illustration *
FADS	4350	Senior Collection I *
FADS	4360	Senior Collection II *

Fashion Merchandising: 27 Semester hours

BLAW	3317	Business Law I
BMKT	3333	Integrated Marketing Communications

SCHOOL OF MEDIA AND DESIGN

BMKT	3334	Service Marketing or
BMKT	3377	Consumer Behavior
BMGT	3340	Management Theory and Practice
BMKT	3340	Retailing
BMGT	3354	Human Resource Management
FMER	4388	Internship: Merchandising
FMER	4350	Fashion Entrepreneurship
FMER	4395	Buying II (Capstone)

MINORS WITHIN THE FASHION MANAGEMENT PROGRAM:

Fashion Management Minor

Must complete at least 15 hours in fashion management curriculum of which 6 credits must be upper-division.

All students must complete the following 9 credits:

FMGT	1305 or	Introduction to Fashion Management or
or	1305	Introduction to Fashion Design
FADS		
FMGT	2341	Textiles
FMGT	2350	Promotional Strategies I

Plus 6 hours of upper-division FMGT or FMER courses. Students must meet the class prerequisites to enroll in the upper-division courses.

Fashion Design Minor

Must complete at least 18 hours in fashion design curriculum of which 6 credits must be upper-division.

All students must complete the following 12 credits:

FADS	1305	Introduction to Fashion Management
FMGT	2341	Textiles
FMGT	1310	Apparel Construction I

Plus:

FADS	1320 or	Apparel Construction II or
	2331	Flat Pattern

Plus 6 hours of upper-division FMGT, FMER, or FADS courses. Students must meet the class prerequisites to enroll in the upper-division courses.

ASSOCIATE OF ARTS: FASHION MANAGEMENT

This program is intended for students who are not planning to complete the four year Bachelor of Arts degree, but are interested in entering the field of fashion management. Students must complete 34 core curriculum hours as defined by the University and the required community service hours. In addition, students must satisfy the course requirements within the concentration.

ASSOCIATE OF ARTS: FASHION DESIGN CONCENTRATION (31 Hours)

Required Courses

FMGT	1111	Seminar in Fashion Management
FMGT	1305	Introduction to Fashion Management
FMGT	1307	Cultural Perspectives of Dress
FMGT	2341	Textiles
FMGT	1310	Apparel I *
FADS	1320	Apparel II*
FADS	3333	Fashion Illustration*
FMGT	3327	Fashion History
ARTS	1311	Two Dimensional Design
FADS	2331	Flat Pattern *
FMGT	3340	Textile Product Analysis

ASSOCIATE OF ARTS: FASHION MERCHANDISING CONCENTRATION (31Hours)

A. Required courses

FMGT	1111	Seminar in Fashion Management
FMGT	1305	Introduction to Fashion Management
FMGT	1307	Cultural Perspectives of Dress
FMGT	2341	Textiles
FMGT	2350	Promotional Strategies in Fashion
ACCT	2301	Accounting for Non-Business Majors
FMGT	3327	Fashion History
FMGT	3383	Buying I
BMKT	3331	Principles of Marketing

B. Six hours from the following:

BLAW	3317	Business Law I
BMKT	3333	Integrated Marketing Communications
BMKT	3334	Service Marketing
BMGT	3340	Management Theory and Practice
BMKT	3340	Retailing
BMGT	3354	Human Resource Management

INTERIOR DESIGN

[Course Descriptions, page 403]

This program is designed to provide students with the skills and tools necessary for a career in the field of interior design, either as an employee of a design firm or as a self-employed designer. Students will study architectural skills and will learn how to relate structure to substance to make the living or working environment both more aesthetically pleasing and user-friendly.

Major Requirements for a Bachelor of Arts:

1. 73 semester hours in Interior Design:

SCHOOL OF MEDIA AND DESIGN

INTD	1355	Architectural Design I
INTD	1358	Introduction to Architectural Drawing & Illustration
INTD	1361	Architectural Drawing I
INTD	1362	Architectural Drawing II
INTD	2320	Construction, Architectural Components, Systems and Codes
INTD	2363	Architectural Graphics
INTD	2364	Color Theory
INTD	2300	Basic Interior Design
INTD	2370	Lighting and Design
INTD	2375	Space Planning
INTD	3311	Business Interiors
INTD	3350	Interior Materials
INTD	3362	History of Architecture and Furniture I
INTD	3363	History of Architecture and Furniture II
INTD	3367	Interior Design I
INTD	3370	Interior Design II
INTD	3472	Computer Aided Drafting and Design
INTD	3375	Interior Design III
INTD	4320	Architectural Design II
INTD	4350	Project Management
INTD	4361	Work Experience in Interior Design
INTD	4363	Environmental Controls
INTD	4375	Interior Design IV
INTD	4395	Professional Practice and Portfolio

2. 6 semester hours in Art:

ARTH 2361 Art History: Ancient Through Medieval

ARTH 2362 Art History: Renaissance to Modern

3. 3 semester hours in BMGT/MIS 4370, Project Management

Requirements for a Minor in Interior Design:

18 semester hours, of which the following courses are required

INTD 1361 Architectural Drawing I

INTD 2300 Basic Interior Design

INTD 2364 Color Theory

INTD 3350 Interior Materials

INTD 3362 History of Architecture and Furniture I

INTD 3363 History of Architecture and Furniture II

SPEECH COMMUNICATION

[Course Descriptions, page 470]

Courses in Speech serve to meet important objectives for a liberal arts curriculum: to develop critical thinking, to enhance aesthetic sensitivity, to

communicate with clarity, precision, and conviction. Communication Arts offers a fourth track specialization in Speech Communication.

Minor in Speech Requirements:

SPCH 2321, 3371, 3391, 4371, and any other course in the department.

Note: SPCH 1311, Public Speaking, is not a prerequisite for SPCH 2321 but is a prerequisite for the other requirements of the Minor.

For the Speech Communications Concentration, please refer to the Communication Arts program. Speech courses may be taken as electives in Communication Arts.

School of Mathematics, Science and Engineering

Mathematics, Science and Engineering Programs Offered

BIOLOGY

[Course Descriptions, page 317]

The Bachelor of Science and Bachelor of Arts degrees in Biology offer a broad range of courses from biochemistry and molecular biology, which focuses on the fundamentals of genetics, development and metabolism, to ecology, which explores interactions of organisms with their environment. The Bachelor of Science prepares students for professional careers in fields such as medicine, pharmacy optometry, dentistry, veterinary medicine, and research. Biology faculty members engage students in biomedical, environmental, and science education research. The Bachelor of Arts in Biology prepares students for careers in teaching, environmental sciences, and other professions requiring a strong science degree.

Major Requirements for a Bachelor of Science:

1. Biology Core (20 Hours):

BIOL	1402	Unity of Life and Lab
BIOL	1403	Evolution, Ecology and Biodiversity
BIOL	3411	Cell Biology
BIOL	3442	Ecology and Lab
BIOL	3461	Genetics and Lab

2. 11 semester hours support course work in Chemistry and Mathematics:

CHEM	1301	Chemistry Principles I
CHEM	1302	Chemistry Principles II
CHEM	1203L	Chemical Principles Lab
MATH	2303 or 2312	Introduction to Probability and Statistics or Calculus I

3. Additional Support Course Work in Chemistry and Physics:

CHEM	2311/2111	Organic Chemistry I and Lab
CHEM	2312/2112	Organic Chemistry II and Lab
PHYS	1301/1101	General Physics I and Lab
PHYS	1302/1101	General Physics II and Lab
	or	
PHYS	2305/2105	Physics I and Lab
PHYS	2306/2106	Physics II and Lab

4. Biology Electives (23 semester hours from A and B below; at least 12 hours must be upper division):

A. Student must choose from the following organismal biology elective options

BIOL	2321/2121	Anatomy and Physiology I and Lab
	and	
	2322/2122	Anatomy and Physiology I and Lab
BIOL	3430	Animal Physiology
BIOL	3390	Developmental Biology
BIOL	4320	Neurobiology
BIOL	4420	Vertebrate Zoology and Lab
BIOL	4430	Animal Behavior and Lab
BIOL	4450	Entomology and Lab

B. Additional courses in Biology as required to meet the 23 hours total (12 upper division) of elective course work. Biology courses not specifically required above may serve as electives. An courses from Section 4.A taken in addition to those used to meet the organismal biology elective component also can be counted towards this requirement.

Major Requirements for a Bachelor of Arts:

1. Biology Core (20 Hours):

BIOL	1402	Unity of Life and Lab
BIOL	1403	Evolution, Ecology, and Biodiversity
BIOL	3411	Cell Biology
BIOL	3442	Ecology and Lab
BIOL	3461	Genetics and Lab

2. 11 semester hours support course work :

CHEM	1301	Chemistry Principles I
CHEM	1302	Chemistry Principles II
CHEM	1203L	Chemical Principles Lab
MATH	1311 or 2303	Pre-calculus or Introduction to Probability and Statistics

3. Additional Support Course Work in Chemistry or Physical Sciences (8 hours)

These eight hours can be a combination of any additional courses in Chemistry, Environmental Science, Geology, Meteorology, or Physics.

4. Biology Electives (15 semester hours from A and B below; at least 12 hours must be upper division):

A. Student must choose from the following organismal biology elective options

BIOL	2321/2121	Anatomy and Physiology I and Lab and
	2322/2122	Anatomy and Physiology I and Lab
BIOL	3430	Animal Physiology
BIOL	3390	Developmental Biology
BIOL	4320	Neurobiology
BIOL	4420	Vertebrate Zoology and Lab
BIOL	4430	Animal Behavior and Lab
BIOL	4450	Entomology and Lab

B. Additional courses in Biology as required to meet the 15 hours total (12 upper division) of elective course work. Biology courses not specifically required above may serve as electives. An courses from Section 4.A taken in addition to those used to meet the organismal biology elective component also can be counted towards this requirement.

Requirements for a Minor in Biology:

17 semester hours: BIOL 1403, BIOL 1402 and 9 additional upper-division hours in Biology.

The Accelerated Bachelor of Science and Master of Arts Program

The Accelerated Bachelor of Science and Master of Arts in Biology is a five-year program that combines a thirty credit hour Master of Arts degree with a Bachelor of Science degree. Students with a 3.0 GPA in undergraduate science courses, junior standing and permission of their academic advisor may apply for admission to the Master of Arts in Biology program by January 30 of their junior year. Acceptance notification will be by April 30. Applicants accepted into the program earn up to twelve hours of graduate work during the senior year. Nine of those grade hours will also count toward the undergraduate degree. In order to successfully complete the program in five years, students should enroll for an average of 16 semester hours of course work each term, and complete six hours of course work during summer sessions. This Master of Arts degree is also

open to those who already have their bachelor's degree. See the graduate bulletin for more information.

3. Students will apply by January 30 of their Junior year. Students must meet the requirements for admission to the biology graduate program. Acceptance notification will be by April 15.
28. Complete the undergraduate program for a total of 120 hours. Up to 9 hours of graduate credit may be double counted for undergraduate and graduate requirements.
29. Students will complete 30 graduate hours required for MA in Biology. Nine of these hours can and should be counted toward the undergraduate degree.
30. Senior year will include 12 graduate hours.
31. Students should complete 6 hours during summers of the undergraduate program.
32. Fifth year - Fall semester, 9 graduate hours; Spring semester, 9 graduate hours and comprehensive exam.

CHEMISTRY

[Course Descriptions, page 337]

Chemistry is the science that deals with the properties, composition and structure of matter, changes that occur in matter, and energy relationships involved in those changes. The chemistry program at the University is designed to give the undergraduate student a sound background in chemistry as a whole, thereby providing preparation for employment or further study in any of the large number of specialized areas that may be entered after graduation, including graduate school, medical school, dental school, and pharmacy school. Faculty are involved in five areas of chemical education and research: analytical, biochemical, inorganic, organic, and physical chemistry. The chemistry department now offers three degree plans: a Bachelor of Science in Chemistry, and Bachelor of Science in Biochemistry, and a Bachelor of Arts in Chemistry.

Explanation of laboratories: some laboratory courses are considered as separate courses and separate grades are given for the laboratories and corresponding lectures. These generally have separate course numbers; for example: CHEM 1302 and CHEM 1203L. For these pairs of courses, enrollment in a laboratory course requires concurrent enrollment in the corresponding lecture course or completion of that course in a previous semester. Other laboratory courses are considered as part of the lecture course, even though they meet at separate times and may have different instructors. These are generally designated with an 'L' following the lecture course number; for example: CHEM 3421 and CHEM 3421L. Concurrent enrollment in both the lecture and the laboratory is required for completion of the course, and one grade is assigned for the combination.

Major Requirements for a Bachelor of Science in Chemistry:

Students contemplating a Bachelor of Science in Chemistry or Biochemistry should begin the introductory and organic chemistry

sequence (CHEM 1301, 1302, 2311, and 2312) the fall semester of their freshman year or as soon as they satisfy the math pre-requisite. MATH 2312 and 2313 should be completed by the end of the sophomore year if possible.

1. 59-60 semester hours distributed as follows:

I. Support courses:

MATH	2312	Calculus I
MATH	2313	Calculus II
PHYS	2305/2105	Physics I and Lab
PHYS	2306/2106	Physics II and Lab

II. Introductory Chemistry courses:

CHEM	1301	Chemistry Principles I
CHEM	1302/1203L	Chemistry Principles II and Lab

III. Foundation Chemistry Courses:

CHEM	2311/2111	Organic Chemistry I and Lab
CHEM	3421/3421L	Quantitative Analysis and Lab
CHEM	3441/3441L	Inorganic Chemistry and Lab
CHEM	4351/4151	Biochemistry I and Lab
CHEM	4431/4431L	Physical Chemistry I and Lab

IV. In-Depth Courses:

CHEM	2312/2112	Organic Chemistry II and Lab
CHEM	4422/4422L	Instrumental Analysis and Lab
CHEM	4432/4432L	Physical Chemistry II and Lab
CHEM	4260	Chemistry Research*

*Two semesters of CHEM 4160 may be substituted for CHEM 4260

V. Chemistry Elective:

One 3 or 4 hour chemistry course selected from any upper-division chemistry offering not listed above.

Recommended Electives: These courses are highly recommended for chemistry majors but are not required.

MATH	2303	Introduction to Probability and Statistics
CHEM	4352	Biochemistry II

Major Requirements for a Bachelor of Science in Biochemistry:

Students contemplating a Bachelor of Science in Chemistry or Biochemistry should begin the introductory and organic chemistry sequence (CHEM 1301, 1302, 2311, and 2312) the fall semester of their freshman year or as soon as they satisfy the math pre-requisite. MATH 2312 and 2313 should be completed by the end of the sophomore year if possible.

1. 62-63 semester hours distributed as follows:

I. Support courses:

BIOL	1402	Unity of Life
MATH	2312	Calculus I
MATH	2313	Calculus II

SCHOOL OF MATHEMATICS, SCIENCE AND
ENGINEERING

PHYS 2305/2105 Physics I and Lab
PHYS 2306/2106 Physics II and Lab

II. Introductory Chemistry courses:

CHEM 1301 Chemical Principles I
CHEM 1302/1203L Chemical Principles II and Lab

III. Foundation Chemistry Courses:

CHEM 2311/2111 Organic Chemistry I and Lab
CHEM 3421/3421L Quantitative Analysis and Lab
CHEM 4351/4151 Biochemistry I and Lab
CHEM 4431/4431L Physical Chemistry I and Lab

IV. In-Depth Courses:

CHEM 2312/2112 Organic Chemistry II and Lab
CHEM 4352 Biochemistry II
CHEM 4260 Chemistry Research*

*Two semesters of CHEM 4160 may be substituted for CHEM 4260

V. Chemistry/Biology Elective: ONE of the following

CHEM 3441/3441L Inorganic Chemistry and Lab
CHEM 4432/4432L Physical Chemistry II and Lab
CHEM/ ADV Any 3000 level or higher chemistry or
BIOL biology course not already required

VI. Biology Courses: TWO of the following

BIOL 3411/3411L Cell Biology and Lab
BIOL 3461 Genetics and Lab
BIOL 3471/3471L Microbiology and Lab

Major Requirements for a Bachelor of Arts in Chemistry:

1. 46 semester hours distributed as follows:

I. Support courses:

MATH 2312 Calculus I
MATH 2313 Calculus II
PHYS 2305/2105 Physics I and Lab
PHYS 2306/2106 Physics II and Lab

II. Introductory Chemistry courses:

CHEM 1301 Chemical Principles I
CHEM 1302 Chemical Principles II
CHEM 1203L General Chemistry Lab

III. Foundation Chemistry Courses:

CHEM 2311/2111 Organic Chemistry I and Lab
CHEM 2312/2112 Organic Chemistry II and Lab
CHEM 3421/3421L Quantitative Analysis and Lab
CHEM 4431/4431L Physical Chemistry I and Lab

IV. Chemistry Electives (8 credit hours selected from):

CHEM 3441/3441L Inorganic Chemistry and Lab

CHEM	4351/4151	Biochemistry I and Lab
CHEM	4352	Biochemistry II
CHEM	4422/4422L	Instrumental Analysis and Lab
CHEM	4160 or 4260	Chemistry Research

Any upper-division chemistry course not listed above, including Teacher Quality courses.

V. A minor in any field is required for a Bachelor of Arts in Chemistry.

Requirements for a Minor in Chemistry:

18 semester hours, 10 of which must be taken at the upper-division level.

APPLIED CHEMISTRY

Applied Chemistry is the hands-on study of molecules, structure and reactivity. Students in the Associate of Arts in Applied Chemistry will be able to demonstrate an understanding of the basic concepts of chemistry and the ability to apply those concepts in real-world situations. Graduates will be prepared for careers as chemical technicians in today's advanced job market.

Major requirements for an Associate of Arts:

1. 37 semester hours distributed as follows:

English Composition Courses:

ENGL	1311 or	Composition I
	1311L	Composition I with Lab
ENGL	1312	Composition II

Literature course

Fine Arts course

PHIL	1381	Introduction to Philosophy
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Religious Studies or Philosophy course

History course

Social Science course

Natural Science and Mathematics Courses:

CHEM	1301	Chemical Principles I
MATH	1304	College Algebra

Dimensions of Wellness course (1200 or 3200)

Physical Education course

2. Required Chemistry Courses (24 hours):

CHEM	1302	Chemical Principles II and Lab
CHEM	1203L	General Chemistry Lab
CHEM	2311/2111	Organic Chemistry I and Lab
CHEM	2312/2112	Organic Chemistry II and Lab
CHEM	2420	Introduction to Analytical Chemistry and Lab
CHEM	2430	Applied Chemical Research I
CHEM	2431	Applied Chemical Research II

3. Non-chemistry Courses (6 hours)

MATH	2303	Introduction to Probability and Statistics
SPCH	1311	Public Speaking

ENGINEERING

The University offers a Bachelor of Science degree in Engineering Management. This curriculum combines a strong core of Mathematics, Science, and Engineering courses with an intensive study in Business Administration. Modern engineering requires an understanding of social issues and economics as well as a thorough knowledge of science and technology. A student who graduates with a BS degree with a major in Engineering Management will bring a unique blend of technology and real world business skills to any future career. Graduates will be prepared to begin a career as a manager in nearly any engineering firm nationwide.

Major Requirements for a Bachelor of Science in Engineering Management

1. Engineering and Engineering support courses (36 hours):

ENGR	1201	Introduction to Engineering
ENGR	1310	Engineering Graphics (CAD I)
ENGR	1312	Engineering Design (CAD II)
ENGR	2340	Computer Programming for Mathematics, Sciences, and Engineering
ENGR	3340	Engineering Analysis
ENGR	3350	Statics and Dynamics
ENGR	3455	Mechanics of Materials and Lab
ENGR	3460	Electronic Circuits and Lab
ENGR	4375	Thermodynamics
ENGR	4470	Fluid Mechanics and Lab
ENGR	4490	Senior Project
ENGR	4399	Special Topics in Engineering
		Upper Level Elective, approved by advisor

2. Management courses:

ACCT	2311	Principles of Accounting
ECON	2301	Macroeconomics
ECON	2302	Microeconomics
BMGT	3340	Management Theory and Practice
BMGT	3354	Human Resources Management
BMGT	3370	Business Statistics
BMGT	3371	Management Science
BFIN	3321	Principles of Financial Management
BLAW	3317	Business Law

3. Mathematics and Science courses:

CHEM	1301	Chemical Principles I
CHEM	1302/1203L	Chemical Principles II and Lab
PHYS	2305/2105	Physics I and Lab
PHYS	2306/2106	Physics II and Lab
MATH	2312	Calculus I

SCHOOL OF MATHEMATICS, SCIENCE AND
ENGINEERING

MATH	2313	Calculus II
MATH	2314	Differential Equations or MATH 3314 Calculus III
CIS	2325	Personal Productivity

Pre-Engineering Curriculum

The University offers a pre-engineering curriculum. This 2 or 3-year plan of study will have the student lay a groundwork of mathematics, science and computer courses which can then a) be transferred to a school that offers a four-year bachelor's degree in a branch of engineering, or b) be used as part of a degree plan at this University in an area such as Mathematics, Computer Science, Environmental Science, or Nutrition, or c) be the basis for the Bachelor of Science in Engineering Management (BSEM). Degrees at most four-year universities have many courses in common for the first two years. In addition, nearly all degree programs at other schools have a core curriculum similar to UIW, requiring the student to take classes in other departments at the University.

Requirements for Pre-Engineering:

CHEM	1301	Chemical Principles I
CHEM	1302/1203L	Chemical Principles II and Lab
MATH	2312	Calculus I
MATH	2313	Calculus II
MATH	2314	Differential Equations
PHYS	2305/2105	Physics I and Lab
PHYS	2306/2106	Physics II and Lab
CIS	2325	Personal Productivity
ENGR	1201	Introduction to Engineering
ENGR	1310	Engineering Graphics (CAD I)
ENGR	1312	Engineering Design (CAD II)

ENGINEERING PHYSICS MINOR

The minor in Engineering Physics gives Science as well as non-Science majors the opportunity to explore and apply scientific principles in technology and engineering, achieve proficiency in the applications of mathematics in engineering, formulate the design and development of engineering structures, and investigate the physical and engineering issues of air, water, and soil resources in our environment. A principal focus in this minor will be the integration of engineering, science, and mathematics in problem solving.

This minor will be of particular interest to Science majors such as Environmental Science, Chemistry, and Mathematics but the minor is open to anyone with an interest in Engineering Physics. All students though must fulfill the course prerequisites for the upper-level engineering courses due to the advanced nature of the mathematics, engineering, and science topics presented in these courses. The minor is not open to Engineering Management majors since the course work listed in the minor is already part of the required courses in their degree plan.

Requirements for a Minor in Engineering Physics:

18-19 hours, to include PHYS 2305, 2105, 2306, 2106, ENGR 3350, and any two out the following four: ENGR 3455, 4375, 4470, and 3460.

Students may substitute ENGR 4399 Special Topics in Engineering for one of the upper-level engineering course options only with permission from the Chair of the Engineering Department.

ENVIRONMENTAL SCIENCE

Environmental Science is an interdisciplinary program designed to prepare students to enter a wide variety of professional careers as well as graduate programs in pollution abatement, conservation, environmental assessment and education. Government, industry and private research groups all provide entry-level positions for environmental scientists. Faculty members are active in environmental research throughout Texas, Mexico, and Central America. The science faculty at University of the Incarnate Word offers unique opportunities for students to become involved in environmental research as undergraduates.

Major requirements for a Bachelor of Science:

77 semester hours in science as follows:

1. 20 semester hours in Biology:

BIOL	1402	Unity of Life and Laboratory
BIOL	1403	Evolution, Ecology, and Biodiversity
BIOL	3442	Ecology and Laboratory
BIOL	3471	General Microbiology and Laboratory
BIOL	44xx	Advanced Biology Elective

2. 8 semester hours in Chemistry:

CHEM	1301	Chemistry Principles I
CHEM	1302/1203L	Chemistry Principles II and Laboratory

3. 15 semester hours in Environmental Science:

ENSC	1410	Environmental Science
ENSC	3410	Research in Soil Conservation
ENSC	4315	Environmental Science Research
ENSC	4460	Research in Water Quality

4. 8 semester hours in Geology:

GEOL	1401*	Physical Geology
GEOL	3450	Environmental Geology

*or GEOL 1420 or METR 1430

5. 8 semester hours in Physics*:

PHYS	2305/2105	Physics I and Laboratory
PHYS	2306/2106	Physics II and Laboratory

*or PHYS 1301/1101 and PHYS 1302/1102 and take either MATH 2312 or MATH 2303

6. 3 semester hours in Mathematics:
MATH 2312* Calculus I*

*Students who register for MATH 2312, Calculus I, must have completed the prerequisite MATH 1311, Precalculus, or equivalent course. Students who are deficient in mathematics should seek advisement from the University Advisement Center or Environmental Science Department Chairperson.

7. 6 semester hours in Meteorology:
METR 4315 Air Pollution Meteorology
METR 3340 Hydrology

8. BIOL/CHEM/GEOL/METR Advanced Elective – 9 hours

9. Elective hours to total degree hours of 120

Contact Department Chair in Environmental Science for specific Core course requirements.

Requirements for a Minor in Environmental Science

The Environmental Science minor is designed for all majors (except Environmental Science and Biology majors) who wish to explore and receive a comprehensive education in a natural science that covers topics and issues of local, national, and global importance on air, soil, and water resources. Students must complete 18-19 hours in the following courses: METR 1325, ENSC 1410, ENSC/BIOL 3410, GEOL 3450, ENSC/BIOL 4460. BIOL 1401 may substitute for ENSC 1410. The following courses can substitute for one of the above upper-division level courses: METR 3340, METR 4315.

Requirements for a Minor in Environmental Science for Biology Majors:

See requirements for Environmental Science minor in listed under Biology (BIOL) program description.

GEOLOGY

[Course Descriptions, page 382]

Geology is a science involving the study of the Earth's origin, evolution, and continued development through time. Knowledge of the Earth requires understanding the physical, chemical, and biological processes that shape the Earth's surface, and the physical and chemical processes that operate beneath the Earth's surface. The uniqueness of life on this planet is explored through the study of the origin and evolution of life on Earth.

Requirements for a Minor in Geology:

20 hours, to include GEOL 1401, 1402, 3410, 3450 and 3460

MATHEMATICS

[Course Descriptions, page 409]

The mathematics program emphasizes concepts, procedures, and connections. All courses develop reasoning abilities along with skills in precise communication of concepts. Problem solving skills are honed throughout the program. Mathematics majors gain a solid foundation for advanced study as well as careers in education or industry. There is a never-ending demand in the job market for graduates with the quantitative and analytical skills that the mathematics major provides.

Requirements for a Bachelor of Arts in Mathematics:

45 semester hours in Mathematics including:

A. Mathematics Core (21 hours)

MATH	2312	Calculus I
MATH	2313	Calculus II
MATH	2314	Differential Equations
MATH	2303	Introduction to Probability & Statistics
MATH	2322	Linear Algebra
MATH	3335	Geometry & Proof
MATH	3320	Foundations of Higher Mathematics

B. Mathematics Elective (24 hours)

Mathematics courses at the 2000 level or higher, including 12 credit hours at the 3000 level or higher. MATH/ENGR 2340 is recommended for a general elective course but does not count toward the mathematics electives requirement.

Major Requirements for a Bachelor of Science in Mathematics:

55 semester hours in Mathematics and supporting areas including:

A. Mathematics Core (24 hours)

MATH	2312	Calculus I
MATH	2313	Calculus II
MATH	2314	Differential Equations
MATH	2322	Linear Algebra
MATH	3314	Calculus III
MATH	3320	Foundations of Higher Mathematics
MATH	3325	Abstract Algebra and Number Theory
MATH	3350	Introduction to Real Analysis

B. Mathematics Electives (24 hours)

Mathematics (MATH) courses at the 2000 level or higher, including 12 credit hours at the 3000 level or higher.

C. One computer language course (3 hours)

MATH/ENGR 2340 is recommended to meet this requirement. Other courses in VB, C/C++, Java or other high level languages offered by the CIS department can also be used to meet this requirement.

D. Calculus-based Physics with Lab (4 hours)

Physics 2305 or 2306 with a lab can be used to meet this requirement.

Both the BA and the BS in mathematics require a minor in an approved discipline or an approved interdisciplinary minor.

Requirements for a Minor in Mathematics:

18 semester hours, to include the following courses:

MATH	2312	Calculus I
MATH	2313	Calculus II

Plus 12 additional hours in MATH, 9 of which must be upper-division MATH courses.

Requirements for a Minor in Statistics:

18 semester hours to include the following courses.

MATH	2312	Calculus I
MATH	2313	Calculus II
MATH	3331	Foundation of Probability and Statistics
MATH	3332	Foundation of Statistical Inference
MATH	3333	Application of Statistical Methods I

Plus 3 hours from the following:

- MATH 4333 Application of Statistical Methods II
- MATH 4335 Computational Statistics

The upper division courses listed here and taken for the minor in statistics are not to be double-counted toward either the B.S. or B.A. in mathematics.

METEOROLOGY

[Course Descriptions, page 414]

The Meteorology degree program is designed for students who wish to receive a comprehensive education for the purpose of research into the dynamics of the Earth's atmosphere, weather analysis, and weather forecasting. This science includes a study of the impact of air pollution on people and the environment, the threat of changing climate due to global warming, severe weather, and world climates. Meteorology is an interdisciplinary program which prepares students for entering a wide variety of professional careers as well as graduate programs in weather modeling and forecasting, air pollution studies, broadcast meteorology, hydrology, and education. Government, industry, and private research groups may also provide entry level positions for meteorologists. Students

are required to minor in mathematics as part of the preparation required for graduate school or for careers in operational meteorology or meteorology research.

Major requirements for a Bachelor of Science:

72 semester hours in science as follows:

1. 49 semester hours in Meteorology:

METR	1325	Natural Hazards
METR	1360	Climatology
METR	1430	Meteorology
METR	3310	Radar Meteorology
METR	3315	Synoptic Meteorology I
METR	3320	Forecasting I
METR	3325	Thermodynamic Meteorology
METR	3330	Forecasting II
METR	3335	Severe Weather
METR	3340	Hydrology
METR	3350	Synoptic Meteorology II
METR	3360	Satellite Meteorology
METR	3365	Physical Meteorology
METR	3375	Atmospheric Dynamics I
METR	3380	Atmospheric Dynamics II
METR	4315	Air Pollution Meteorology

2. 3 advanced hours meteorology selected from the following:

METR	3345	Statistical Climatology
METR	4325	Climate Modeling
METR	4371	Special Topics

3. GEOL 1420, Oceanography

4. 8 semester hours in PHYS

PHYS	2305/2105	Physics I and Lab
PHYS	2306/2106	Physics II and Lab

5. 8 semester hours in Chemistry:

CHEM	1301	Chemical Principles I
CHEM	1302/1203L	Chemical Principles II and Lab

6. A Minor in Mathematics (21 hours) that includes the following:

MATH	1311	Precalculus
MATH	2312	Calculus I
MATH	2313	Calculus II
MATH	2314	Differential Equations

Plus 9 additional upper-division hours in Mathematics

Students may begin their Mathematics minor with MATH 2312 Calculus I if they have the prerequisite Precalculus course (passed with C or better) from another institution, or has equivalent

qualifications from other mathematics courses and permission from the Mathematics faculty.

The Advanced Math (6 hours) consists of any 3000-level or 4000-level courses in Mathematics (in addition to the required MATH 3314). The student needs to fulfill the particular prerequisites for those six hours of advanced mathematics courses and select those that best fit their career goals and/or graduate school.

The following courses do not qualify for the Mathematics Minor for Meteorology Majors:

MATH 2374, Mathematics for Elementary Teachers

MATH 2375, Mathematics and Science Pedagogy for Elementary Teachers

MATH 3340, History of Mathematics

Meteorology Minor

The Meteorology minor will provide students a comprehensive education in the dynamics of the earth's atmosphere, weather analysis, and weather forecasting. The minor includes course work on the impact of air pollution on people and the environment, the threat of changing climate due to global warming as well as severe weather, and world climates. Meteorology is an interdisciplinary program and includes application in mathematics, hydrology, physics, and chemistry for academic research in the following areas: weather modeling and forecasting, air pollution studies, hydrology, Geographic Information Systems (GIS) applications in meteorology, and education. Students should take additional courses in mathematics, especially calculus courses, as part of the preparation in operational meteorology, because these mathematics courses are necessary for successful completion of the upper-division Meteorology courses.

Requirements for a minor in Meteorology (22 hours as follows):

METR	1430	Meteorology
METR	3310	Radar Meteorology
METR	3320	Forecasting I
METR	3330	Forecasting II
METR	3315	Synoptic Meteorology I
METR	3350	Synoptic Meteorology II
METR	3360	Satellite Meteorology or
METR	3335	Severe Weather

BROADCAST METEOROLOGY

[Course Descriptions, page 414]

The Meteorology program offers a Bachelor of Science degree in Broadcast Meteorology for students who wish to enter careers in cable, satellite, and regular broadcast TV, and radio. The course work in this

degree program will fulfill the National Weather Association (NWA) and the American Meteorological Society (AMS) course educational requirements, however all other requirements to become a Certified Broadcast Meteorologist through the AMS or to earn the NWA Radio & Television Weathercaster Seal of Approval are the responsibilities of the students and are not part of the UIW degree program. Students must separately meet the requirements to become a Certified Broadcast Meteorologist through the AMS or earn the MWA adio & Television Weathercaster Seal of Approval.

Major requirements for a Bachelor of Science:

87semester hours in science and other courses as follows:

1. 43 semester hours in Meteorology:
 - METR 1325 Natural Hazards
 - METR 1360 Climatology
 - METR 1430 Meteorology
 - METR 3310 Radar Meteorology
 - METR 3315 Synoptic Meteorology I
 - METR 3320 Forecasting I
 - METR 3325 Thermodynamic Meteorology
 - METR 3330 Forecasting II
 - METR 3335 Severe Weather
 - METR 3340 Hydrology
 - METR 3350 Synoptic Meteorology II
 - METR 3360 Satellite Meteorology
 - METR 4310 Weathercasting I
 - METR 4320 Weathercasting II
2. 3 advanced hours meteorology selected from the following:
 - METR 4315 Air Pollution Meteorology
 - METR 4325 Climate Modeling
 - METR 3345 Statistical Climatology
 - METR 3355 Geographic Information Systems (GIS)
in Meteorology
 - METR 3365 Physical Meteorology
 - METR 3375 Atmospheric Dynamics I
 - METR 4371 Special Topics
3. GEOL 1420, Oceanography
4.
 - a. COMM 1301, Introduction to Mass Communication
 - b. COMM 3360, Video Production II
 - c. Six hours COMM from the following:
 - COMM 3353 Broadcast Journalism
 - COMM 3380 Announcing/Performance
 - COMM 3390 Radio Practicum
 - COMM 3395 Television Practicum
5. 12 semester hours in Mathematics:

SCHOOL OF MATHEMATICS, SCIENCE AND
ENGINEERING

MATH	1311	Precalculus
MATH	2312	Calculus I
MATH	2313	Calculus II
MATH	2314	Differential Equations

6. 8 semester hours in Physics:
PHYS 2305/2105 Physics I and Lab
PHYS 2306/2106 Physics II and Lab

7. 8 semester hours in Chemistry:
CHEM 1301 Chemical Principles I
CHEM 1302/1203L Chemical Principles II and Lab

NUTRITION

The Nutrition curriculum integrates the study of biology, chemistry, behavioral sciences, business, and communication into the practice of nutrition and dietetics. Graduates of the UIW Nutrition Program are employed in the following areas associated with food and nutrition: health care, food industry, food service management, community nutrition programs, government agencies, private practice, wellness, corporate sales, and media communication.

Students may select from one of two options to obtain a Bachelor of Science Degree in Nutrition:

- Option A, Nutrition and Dietetics, is an accredited curriculum that provides the classroom training and content to prepare students for a career as a dietetic practitioner. Students who complete this degree and meet the Didactic Program in Dietetics standards will receive a Verification Statement making them eligible to take the exam to become a Dietetic Technician, Registered or to apply for a dietetic internship to become a Registered Dietitian. The Bachelor of Science Nutrition and Dietetics option is accredited by the Commission on Accreditation for Dietetics Education (CADE). For information on CADE accreditation, go to <http://www.eatright.org/cade.aspx>.
- Option B, Nutrition Science, prepares students for graduate degrees in nutrition and health professions including medicine, dentistry, physical therapy, occupational therapy, pharmacy, and optometry.

Requirements for a Bachelor of Science in Nutrition:

1. 27 semester hours in required Nutrition courses:
- | | | |
|------|---------------|---|
| NUTR | 2231/
2131 | Principles of Food Preparation and Laboratory |
| NUTR | 2341 | Introduction to Nutrition |
| NUTR | 3342 | Nutrition in the Life Cycle |
| NUTR | 4335 | Nutrition Education and Counseling |

SCHOOL OF MATHEMATICS, SCIENCE AND
ENGINEERING

NUTR	4340	Clinical and Nutritional Assessment
NUTR	4460	Community and World Nutrition
NUTR	4470	Human Nutrition and Metabolism
NUTR	4475	Clinical Nutrition

2. 49 semester hours in required supporting disciplines:

PSYC	1301	Introduction to Psychology or
SOCI	1311	Introduction to Sociology
MATH	1304	College Algebra or higher level mathematics
MATH	2303	Introduction to Probability and Statistics or
SOCI	3381	Statistics for Behavioral Sciences
ECON	2301	Principles of Macroeconomics
SPCH	2341	Business and Professional Communication
BIOL	1402	Unity of Life and Laboratory
BIOL	2321/2121	Anatomy and Physiology I and II and
	2322/2122	Laboratories
BIOL	2474	Introductory Microbiology and Laboratory or
BIOL	3471	General Microbiology and Laboratory
CHEM	1301	Chemical Principles I
CHEM	1302	Chemical Principles II
CHEM	1203L	General Chemistry Lab
CHEM	2311/2111	Organic Chemistry I and Lab and Organic
	and 2312	Chemistry II
CHEM	4351	Biochemistry I

3. Additional semester hours as indicated, in one of the following two options:

A. Nutrition and Dietetics 21 to 24 Hours:

ACCT	2301	Accounting for Non-Business Majors
BMGT	3340	Management Theory and Practice or
BMGT	3354	Human Resources Management
NUTR	1102	Introduction to Dietetics
NUTR	3433	Food and Nutrition Services
		Management I
NUTR	3234/3134	Food and Nutrition Services
		Management II and Laboratory
NUTR	3332	Experimental Foods
NUTR	4139	Nutrition Practicum or
NUTR	3410	Food Recovery and Gleaning
NUTR	4100	Dietics

Additional 2-3-semester hours nutrition elective

B. Nutrition Science 19 to 20 hours:

CHEM	2112	Organic Chemistry II Lab
MATH	2312	Calculus I
PHYS	2305/2105	Physics I or General Physics I and Laboratory
	or	
	1301 /1101	

PHYS	2306/2106	Physics II or General Physics II and Laboratory
	or	
	1302/1102	
CHEM	4352 ¹	Biochemistry II
CHEM	4151	Biochemistry Laboratory

Additional 3-4-semester hour elective in upper-division Biology, Chemistry, or Nutrition.

Requirements for a Minor in Nutrition:

NUTR 2341 is required, plus 9 semester hours of other NUTR courses, 6 of which must be in upper-division courses (3000 and above). Seminar, Practicum, and 1000-level courses do not meet the requirements for a minor.

PHYSICS

[Course Descriptions, page 451]

Physics is the fundamental science that deals with study of matter and energy and their interactions in the fields of mechanics, heat, fluids, sound, electricity, magnetism, light, optics, radiation, atomic structure, and nuclear phenomena. Physics is an experimental science that involves the continued development of physical theories and models through observations, measurement, and testing. The theoretical and applied concepts of physics are the foundation for the sciences, engineering, and technology.

Requirements for a Minor in Engineering Physics:

18-19 hours, to include PHYS 2305, 2105, 2306, 2106, ENGR 3350, and any two out the following three: ENGR 3455, 4375, 4470, and 3460.

Students may substitute ENGR 4399 Special Topics in Engineering for one of the upper-level engineering course options only with permission from the Chair of the Engineering Department.

¹ This course is the second part of a two course sequence covering introductory Biochemistry, and studies the structure and function of carbohydrates, bioenergetics, intermediary metabolism, and the role of enzymes, vitamins, and cofactors in metabolism. Cross-referenced as BIOL 4352. Note that concurrent enrollment in CHEM / BIOL 4151 is not required for enrollment in CHEM / BIOL 4352. Prerequisites: CHEM / BIOL 4351 (or equivalent) with a grade of C or higher.

VIII. Extended Academic Programs

Extended Academic Programs

The division of Extended Academic Programs (EAP) makes high quality educational opportunities readily available to working adults who wish to obtain their university degree or gain professional certifications. EAP's mission is to expand both programmatically and geographically to meet the professional development needs of local and global populations. This is accomplished by developing new delivery formats for existing majors, designing new majors through joint agreements with other educational institutions and businesses, and developing non-degreed professional certifications are only a few of the opportunities offered.

EAP is composed of two schools: the School of Extended Studies which houses the Adult Degree Completion Program (ADCaP); and UIW Online, which is an online program. EAP also has a continuing education function which operates through the Office of Personal and Professional Development (OPPD).

Qualified students enrolled in ADCaP or UIW Online will benefit from reduced tuition with no academic fees. Free textbooks are given to all undergraduate students.

ADULT DEGREE COMPLETION PROGRAM

The School of Extended Studies, Adult Degree Completion Program (ADCaP) offers courses during the day, evening and weekend in an accelerated format. Course work is offered at six learning centers in San Antonio and one in Corpus Christi, Texas. Wednesday morning and Saturday classes at the Northwest Center in San Antonio are offered via a blended format. The School of Extended Studies also offers Graduate courses in the evenings and weekends in San Antonio and Corpus Christi.

ADCaP is an accelerated program with six terms a year, each eight weeks in length. Students can earn up to 36 hours of credit per year by attending two classes each term. Courses are offered in a variety of formats. Some are offered two days per weekday evening on a Monday-Wednesday or Tuesday-Thursday schedule. Our daytime and Saturday blended course format requires students attend class just two hours per week with the remainder of the work being done online. Some centers also offer courses just one night per week for four hours.

MILITARY PROGRAMS

These online programs are delivered to active duty military personnel. In the event that a student is accepted into the UIW Online program, it will be stipulated by the University that the service member is the holder of a high school diploma/GED based on program requirements and

EXTENDED ACADEMIC PROGRAMS

assurances. Students in these programs are active duty military, so age restrictions will not always apply when they are demonstrated to be good candidates for the online learning environment. Students will be accepted for Non-Degree seeking status upon presentation to the UIW Online program. Students who are attending another host institution in the program are permitted to take courses at the university and are not required to submit a letter of "good standing" or official transcripts. Additionally, they are not limited to 24 semester hours, per institutional agreement with each program. Conditions for admission, both Conditional and Unconditional, are identical to those stated above.

UIW ONLINE PROGRAM

UIW Online offers courses in an accelerated format totally online. Courses are offered in six eight-week terms throughout the year. Students can earn up to 36 credit hours each year by taking two classes per eight-week term. UIW Online offers a variety of undergraduate and graduate programs.

UNDERGRADUATE PROGRAMS OFFERED THROUGH ADCAP:

Administration (BA)

Business Administration (BS) with concentrations in:

Accounting

Finance

General Business

Information Systems

Management

Marketing

Applied Arts and Sciences (BAAS)

Interdisciplinary Studies (BA, Teacher Certification, EC-6) (Note: The teacher certification curriculum can be found under the Dreeben School of Education section of the UIW undergraduate catalog)

Criminal Justice (BS)

Human Resources (BA)

Nursing (RN to BSN) (Note: The RN to BSN curriculum can be found under the School of Nursing and Health Professions section of the UIW undergraduate catalog)

Organizational Development (BA)

Psychology (BS)

UNDERGRADUATE PROGRAMS OFFERED THROUGH UIW ONLINE:

Associate of Arts in Adult Instruction and Training

Associate of Arts in Business Administration (AA)

EXTENDED ACADEMIC PROGRAMS

Associate of Arts in Business Information Systems (AA)

Associate of Arts in General Studies (AA)

Associate of Science (AS) in Health Sciences, with concentrations in

Cardiac Rhythm Analysis Professional

Certified Billing and Coding Specialist

Certified Electronic Health Records Specialist

Certified Medical Administrative Assistant

Associate of Science (AS) in Nutrition Sciences

Administration (BA)

Applied Arts and Sciences (BAAS)

Business Administration (BS) with concentrations in

Accounting

Finance

General Business

Information Systems

Management

Marketing

Criminal Justice (BS)

Health Sciences (BS), with concentrations in

Administration

Cardiac Rhythm Analysis Professional

Certified Billing and Coding Specialist

Certified Electronic Health Records Specialist

Certified Medical Administrative Assistant

General Studies

Nutrition

Human Resources (BA)

Organizational Development (BA)

Psychology (BS)

Religious Studies (BA) (Note: The religious studies curriculum can be found under the College of Humanities, Arts and Social Sciences section of the UIW undergraduate catalog)

PLEASE NOTE: By the end of the second semester at the University of the Incarnate Word, EAP students must successfully test for computer competence or complete a Computer Literacy course. The Computer Literacy competency examination may be attempted for credit or to demonstrate computer competence. If the Computer Literacy course option is selected or required, it will satisfy general electives on the degree plan. *Computer courses older than 10 years will not satisfy the computer literacy requirement.*

Students who seek course credit for the examination must pay 40% of the tuition in advance of taking the examination. The examination may be attempted only once and must be completed with a minimum grade of C (a grade of S will be recorded if the minimum is achieved). Students who seek to demonstrate computer competence may take the examination once only and do not receive college credit should they pass. *Computer Literacy examinations may not be taken during the semester during in which the student intends to graduate.*

Associate Programs Offered

ADULT INSTRUCTION AND TRAINING

[Course Descriptions, page 490]

The Associate of Arts in Adult Instruction and Training was designed to help students understand how adults learn. The adult learner presents unique instructional and training challenges. This degree program will help students understand the characteristics of an adult learner. It includes an understanding of motivation, barriers to learning, types of reinforcement, andragogy, instructional design and retention.

Requirements for an Associates of Arts in Adult Instruction and Training:

A. 15 hours Adult Instruction and Training Requirements:

EDUC	2311	Adult Learning Theory and Practice
EDUC	2320	Introduction to Instructional Design
EDUC	3301	Instructional Strategies for Adult Learners
EDUC	3302	Assessment Strategies for Adult Learners
EDUC	3303	Integrating Technology into Teaching and Learning

B. 15 hours general electives to meet 64 total credit hours for the degree

D. 22 Clock hours of Community Service is required

BUSINESS ADMINISTRATION

This program provides a degree for students who want a two-year degree in business. Students will focus on general business practices and theories while gaining the general education requirements necessary to continue their education in a bachelor-level program. The Associate of Arts degree requires 37 approved core curriculum hours to include a course in macroeconomics, 18 required hours within the concentration and 12 elective hours. The degree also requires the completion of community service hours. This program is for active duty military personnel only.

Students pursuing the Associate of Arts degree in Business Administration must complete MATH 1304, College Algebra, or a higher level mathematics course with a grade of C or Higher.

EXTENDED ACADEMIC PROGRAMS

Requirements for an Associates of Arts in Business Administration: (30 hours)

A. Lower Division Major Requirements: (6 hours)

ACCT	2311	Principles of Accounting I
BINF	2325	Personal Productivity

B. Upper Division Major Requirements: (9hours)

BMGT	3340	Management Theory and Practice
BLAW	3317	Business Law
BMKT	3331	Principles of Marketing

C. An additional 15 hours of approved electives

D. 22 Clock hours of Community Service is required

HEALTH SCIENCES

[Course Descriptions, page 500]

The Associate of Science in Health Sciences was developed as an entry point for students wishing to prepare for a career in healthcare. Associate of Science in Health Sciences with concentrations in Cardiac Rhythm Analysis Technician; Certified Billing & Coding Specialist; Certified Electronic Health Record Specialist; Certified Medical Administrative Assistant; and Nutrition Requirements for an Associate of Science in Health Sciences:

Requirements for an Associates of Science in Health Sciences:

A. 10 hours Health Area Science Requirements

BIOL	1401	Diversity of Life and Lab
HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II

B. 15 – 20 hours of Health Area Specialization

Transfer college work or appropriate military experience credit in an allied health area

C. General electives to meet 64 total credit hours for the degree

D. 22 Clock hours of Community Service is required

CARDIAC RHYTHM ANALYSIS PROFESSIONAL

[Course Descriptions, page 500]

The Health Science major with a concentration in Cardiac Rhythm Analysis Technician (CRAT) prepares students for a healthcare career, especially those utilizing specialized monitoring equipment to analyze cardiac rhythms or ECGs.

EXTENDED ACADEMIC PROGRAMS

Military students wishing to complete the Health Science major must have 15-20 hours of transfer college work or appropriate military experience credit in an allied health area.

Requirements for a major in Health Sciences with a concentration in Cardiac Rhythm Analysis Professional :

A. 10 hours Health Area Science Requirements

BIOL	1401	Diversity of Life and Lab
HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II

B. Cardiac Rhythm Analysis Specialization

HSCI	2330	HIPAA Compliance and Certification
HSCI	3305	Basic EKG
HSCI	3355	Healthcare Ethics and Law
HSCI	3317	Healthcare Communication

C. General electives to meet 64 total credit hours for the degree

D. 22 Clock hours of Community Service is required

CERTIFIED BILLING AND CODING SPECIALIST

[Course Descriptions, page 500]

The Health Science major with a concentration in Certified Billing and Coding Specialist (CBCS) program prepares students to perform specialized work related to insurance and coding in medical settings.

Military students wishing to complete the Health Science major must have 15-20 hours of transfer college work or appropriate military experience credit in an allied health area.

Requirements for a major in Health Sciences with a concentration in Certified Billing and Coding Specialist:

A. 10 hours Health Area Science Requirements

BIOL	1401	Diversity of Life and Lab
HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II

B. Certified Billing and Coding Specialization

HSCI	2312	Medical Terminology
HSCI	2315	Medical Coding
HSCI	2317	Medical Insurance Practice
HSCI	2327	Introduction to the Electronic Health Record
HSCI	2330	HIPAA Compliance and Certification

C. General electives to meet 64 total credit hours for the degree

D. 22 Clock hours of Community Service is required

CERTIFIED ELECTRONIC HEALTH RECORDS SPECIALIST

[Course Descriptions, page 500]

The Health Science major with a concentration in Certified Electronic Health Records Specialist (CEHRS) is responsible for maintaining the integrity and protecting the privacy and security of patient information. As a Certified EHR Specialist, you may perform some or all of the following tasks:

- Audit patient records for compliance with legal and regulatory requirements
- Abstract clinical information for inclusion in reports such as quality improvement studies
- Perform basic coding to submit claims for reimbursement for insurers
- Process Release of Information (ROI) requests for medical records
- Review patient records to ensure they are complete
- Collect patient demographic and insurance information

Military students wishing to complete the Health Science major must have 15-20 hours of transfer college work or appropriate military experience credit in an allied health area.

Requirements for a major in Health Sciences with a concentration in Certified Electronic Health Records Specialist:

A. 10 hours Health Area Science Requirements

BIOL	1401	Diversity of Life and Lab
HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II

B. Certified Electronic Health Records Specialization

HSCI	3307	Basic Pharmacology
HSCI	3320	Health Data Management
HSCI	3321	Information Technology and Systems
HSCI	3323	Pathophysiology
HSCI	3335	Health Services Organization and Delivery
HSCI	3365	Health Statistics, Biomedical Research, and Quality Management
HSCI	4307	Organization Resources

C. General electives to meet 64 total credit hours for the degree

D. 22 Clock hours of Community Service is required

CERTIFIED MEDICAL ADMINISTRATIVE ASSISTANT

[Course Descriptions, page 500]

The Health Science major with a concentration in Certified Medical Administrative Assistant (CMAA) program prepares students to work in health information management offices. Students receive training in all of the medical administrative tasks performed to manage health records,

EXTENDED ACADEMIC PROGRAMS

identify diagnostic codes, and initiate insurance billing. Students acquire skills and training to obtain employment in all health care facilities/settings.

Military students wishing to complete the Health Sciences major must have 15-20 hours of transfer college work or appropriate military experience credit in an allied health area.

Requirements for a major in Health Sciences with a concentration in Certified Medical Administrative Assistant:

A. 10 hours Health Area Science Requirements

BIOL	1401	Diversity of Life and Lab
HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II

B. Certified Medical Administrative Assistant Specialization

HSCI	2315	Medical Coding
HSCI	2317	Medical Insurance Practice
HSCI	2327	Introduction to the Electronic Health Record
HSCI	2330	HIPAA Compliance and Certification
HSCI	3310	Introduction to Administrative Medical Assisting
HSCI	3317	Healthcare Communication

C. General electives to meet 64 total credit hours for the degree

D. 22 Clock hours of Community Service is required

NUTRITION SCIENCES

[Course Descriptions, page 498]

Nutrition is very important to each of us for our health and wellbeing. As such, it is a science with a powerful role to play in advancing health and wellness. The Associate of Science degree with a major in Nutrition Science prepares students for an exciting future in the field of nutrition. Students will be well prepared for entry level jobs in a variety of areas, but will also be able to transfer into the Bachelor of Science in Health Sciences – Nutrition to complete a four year degree.

Requirements for an Associate of Science degree in Nutrition Sciences:

A. 10 hours Health Science Requirements:

BIOL	1401	Diversity of Life and Lab
HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II

B. Nutrition Concentration Requirements:

NUTR	2300	Introduction to Health Professions
NUTR	2310	Introduction to Nutrition Science
NUTR	2340	Food Culture and Disease in America
NUTR	2350	Nutrition for Health, Fitness and Sport
NUTR	3300	Life Cycle Nutrition
NUTR	3360	Integrated Approach to Weight Management

EXTENDED ACADEMIC PROGRAMS

C. Transfer college work or appropriate military experience credit in nutrition General electives to meet 64 total credit hours for the degree

D. 22 Clock hours of Community Service is required

GENERAL STUDIES

This program provides a degree for students who want a two-year degree in liberal arts. Students will focus on liberal arts courses while gaining the requirements necessary to transfer into a variety of bachelor-level programs. Care should be taken when selecting courses in the social sciences, mathematics, and sciences to ensure that those courses will meet the requirements of the selected major for the Baccalaureate degree.

The Associate of Arts degree requires 43 approved core curriculum hours, 18 requires hours within restricted general education electives and 3 hours open elective hours. The degree also requires the completion of community service hours. This program is for active duty military personnel only. This program is for active duty military personnel only.

Required Courses of the Associate of Arts degree with a major in General Studies:

1. Completion of the following Core Curriculum:

COMP	1301	Computer Literacy	3
ENGL	1311	Composition I	3
ENGL	1312	Composition II	3
ENGL	2310	World Literature Studies	3
Fine Arts		Course from Art, Art History, Dance, Music, or Theatre Arts core selections	3
History		From History core selections	3
Foreign Language		Six hours in one language from Modern Languages core selection	6
MATH	1304	College Algebra	3
PHIL	1381	Introduction to Philosophy	3
Religious Studies		From Religious Studies core selections	3
Lab Science		From Natural Science core selections	4
ECON	2301	Macroeconomics	3
DWHP	3300	Dimensions of Wellness	3

2. 21 hours general education selections that may include courses to satisfy core curriculum requirements toward the baccalaureate degree.

3. 22 Clock hours of Community Service is required

INFORMATION TECHNOLOGY

This program provides a degree for students who want a two-year degree in business with a focus in information technology. The Associate of Arts degree requires 37 approved core curriculum hours to include a course in macroeconomics, 15 requires hours within the concentration and 15 elective hours. The degree also requires the completion of community service hours. This program is for active duty military personnel only.

Requirements for an Associates of Arts - Information Technology:

A. The following 15 hours:

BINF	2321	Introduction to Information Systems
BINF	2325	Personal Productivity Applications
BINF	2330	Programming Languages I
BMGT	3340	Management Theory and Practice
BINF	3362	System Analysis and Specification

B. An additional 15 hours of approved electives

C. 22 Clock hours of Community Service is required

Baccalaureate Programs Offered

ADMINISTRATION

The Bachelor of Arts with a major in Administration is designed especially for the transfer student. It contains a professional sequence of business courses that will provide students the necessary background in administration for entry-level positions. This degree permits the student to customize their plan by requiring a minor that compliments their current job or prepares them for future goals. This degree is also excellent preparation for the MBA, since it requires 8 of the 12 undergraduate courses required for entry into the MBA. By working with their advisor, students can use the elective area to take the four extra courses they will need to be admitted to the MBA program.

Major Requirements for a Bachelor of Arts with a major in Administration:

A. 30 semester hours as follows:

ACCT	2311	Principles of Accounting I
ECON	2302	Principles of Microeconomics
BINF	2325	Personal Productivity Application
BLAW	3317	Business Law
BFIN	3321	Principles of Financial Management
BMKT	3331	Principles of Marketing
BMGT	3340	Management Theory & Practice
BMGT	3354	Human Resource Management
BMDS	3370	Business Statistics
BMGT	4355	Organizational Behavior & Leadership

B. Selection of a minor or transfer of at least 12 credit hours of coursework in a related discipline is required.

APPLIED ARTS AND SCIENCES

The degree plan has been structured to allow a student to broaden the technical/occupational work with advanced study in business related coursework. Admission Requirements are completion of 18 or more hours from a regionally accredited institution with a minimum grade point average of 2.5 on a 4.0 scale. Additionally, the student must have completed 18-30 hours in an Occupational/Technical area or other academic area consisting of one discipline.

Major Requirements for a Bachelor of Applied Arts and Sciences:

Completion of 46 semester hours of the UIW Core Curriculum.

A. Professional Development Module: 30 hours of Business related coursework at the 3000-4000 level.

BMGT	3340	Management
BMGT	3354	Human Resource Management
BLAW	3317 or	Business Law or
or	3330	Human Resources and the Law
HRES		
BMKT	3331	Principles of Marketing
BMGT	4355	Organizational Behavior
HRES	3350	Staffing
ORGD	3340	Organizational Development
ORGD	3360	Teambuilding in Organizations
ORGD	4350	Leadership in Organization
PHIL	3333	Applied Ethics

B. Primary Module: 18-30 hours. 18-30 hours normally taken at a community college in an occupational or technical field related to Business, Education, Humanities, Arts, or Sciences.

C. Upper Level Electives Module: Free elective hours some of which may be needed to meet the 36-hour upper division requirement for graduation

Total requirements must equal at least 120 credit hours to be eligible for graduation.

BUSINESS ADMINISTRATION

The Bachelor of Science degree with a major in Business Administration (BSBA) has a strong business core that prepares students in the major business areas. In addition students will further enhance their skills in their selected concentration area. Students may select a concentration in a discipline of their choice, to include accounting, finance, general business, information systems, management, and marketing. A concentration is a minimum of 24 semester hours within a discipline of

EXTENDED ACADEMIC PROGRAMS

which a minimum of nine hours must be upper-division hours. In addition, students have the opportunity to complete a minor in Accounting, Finance, Information Systems, Management, and Marketing. Academic requirements for award of a concentration, and for award of a minor with a concentration, are defined in the following sections.

The Bachelor of Science in Business Administration in the division of Extended Academic Programs at the University of the Incarnate Word is fully accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

Students pursuing the Bachelor of Science degree with a major in Business Administration must complete MATH 1304, College Algebra, or a higher level mathematics course with a grade of C or Higher.

To fulfill the requirements for the Bachelor of Science Degree in Business Administration, the student must complete the following Business Core:

A. 15 semester hours of required business core courses (serves as prerequisites for required upper division business core courses)

ACCT	2311	Principles of Accounting I
ACCT	2312	Principles of Accounting II
MIS	2321	Introduction to Information Systems
ECON	2301	Principles of Macroeconomics
ECON	2302	Principles of Microeconomics

B. 21 semester hours of required upper division business core courses

BMGT	3370	Business Statistics
BMGT	3371	Management Science
BINT	3331	International Business Management
BLAW	3317	Business Law
BMKT	3331	Principles of Marketing
BMGT	3340	Management Theory and Practice
BFIN	3321	Principles of Financial Management

C. A Capstone course (3 semester hours)

BMGT	4375	Business Policy and Strategy
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Additional semester hour requirements established for the student's chosen concentration. Disciplines may offer selected topics to address special needs and interests. These courses will be listed as 4399 and may be used to satisfy concentration requirements. Refer to descriptions of each concentration for more details.

D. Select one of the concentrations listed below:

1. Accounting - 24 hours as listed below:

ACCT	3311	Intermediate Accounting I
ACCT	3312	Intermediate Accounting II
ACCT	3323	Intermediate Accounting III
ACCT	3313	Cost Accounting
ACCT	3315	Federal Income Tax I
ACCT	4314	Auditing

EXTENDED ACADEMIC PROGRAMS

Plus 6 hours Accounting Electives

2. General Business - 18 hours as listed below:

A. 12 semester hours of 3000 or 4000 level business courses only one course per discipline (management, marketing, etc.) will apply toward this concentration.

B. 6 hours 4000 level business courses.

3. Management of Information Systems - 21 hours as listed below:

BINF	2330	Programming Languages I
BINF	3330	Programming Languages II
BINF	3362	System Analysis and Specification
BINF	3363	Design and Implementation of Databases and Systems
BINF	3367	Introduction to Networks and Telecommunications
BINF	4363	E-Business Strategy, Architecture and Design
BINF	4375	Computer Network Security

4. International Business - 18 hours as listed below:

BINT	3320	Cross Cultural Competence
BINT	3345	International Accounting
BINT	3355	International Banking and Finance
BINT	3361	International Marketing
BINT	4310	International Economics
BINT	4320	International Business Law

5. Management - 18 hours as listed below:

A. 9 semester hours selected from:

BMGT	3354	Human Resource Management
BMGT	4346	Systems and Quality Management
BMGT	4355	Organizational Behavior and Leadership

B. 9 semester hours selected from the following:

BMGT	3345	Leadership in Non-Profit Organizations
BMGT	4340	Management Skills
BMGT	4345	Entrepreneurship/Small Business Management
BMGT	4350	Funding Capitalization
BMGT	4351	Seminar in Business and Society
BMGT	4356	Fundamentals of Organizational Change and Development
BMGT	4358	Cross-Cultural Competence

6. Marketing - 18 hours as listed below:

A. 12 hours as follows:

BMKT	3357	Social Networking
BMKT	3377	Consumer Behavior

EXTENDED ACADEMIC PROGRAMS

BMKT	4375	Market Research
BMKT	4390	Marketing Management

B. 6 semester hours from the following:

BMKT	3333	Integrated Marketing Communication
BMKT	3335	Sales Management
BMKT	3361	International Marketing
BMKT	4399	Selected Topics

ACCOUNTING

[Course Descriptions, page 323 and page 481]

Accounting is the means by which businesses report to their stakeholders the results of their operations, comprehensive income, financial position and changes in cash and owner's equities by analyzing, recording, presenting and interpreting the results of transactions and events. Intended to develop the decision making and accounting skills needed to enter the profession and become accountants in public practice, industry, non-profit organizations or government, the curriculum is based on the American Institute of Certified Public Accountants' core competencies.

As qualifications to sit for the CPA exam, the Texas State Board of Public Accountancy (TSBPA) requires 30 semester hours of approved upper division accounting courses, 24 hours of approved upper division business courses, and an approved three hour course in ethics, included within a total of 150 semester hours with a degree. At least 15 of these hours must result from physical attendance at classes meeting regularly on the campus of the transcript-issuing institution.

Requirements for the Accounting Concentration in the BS with a major in Business Administration (BS/BA):

18 semester hours of required accounting courses:

ACCT	3311	Intermediate Accounting I
ACCT	3312	Intermediate Accounting II
ACCT	3313	Cost Accounting
ACCT	3314	Intermediate Accounting III
ACCT	3315	Federal Income Tax I
ACCT	4314	Auditing

6 semester hours of upper division accounting electives selected from:

ACCT	3310	Business Communication
ACCT	3316	Taxation of Entities
ACCT	3317	Accounting Systems
ACCT	3318	Fraud Examination
ACCT	3321	Advanced Federal Income Tax
ACCT	4318	Ethics for Accounting and Business
ACCT	4325	Tax Research
ACCT	4313	Accounting for Non-Profit and Government Entities

FINANCE

[Course Descriptions, page 325 and page] 482

The Finance program is designed to provide our community with students who have the required skills to be successful in management positions within the banking and financial service industry, business firms, or governmental organizations.

The program is designed to prepare students for careers in private and public employment in the fields of financial planning, corporate finance, investments, and securities markets. This program develops global and social leaders through two different career paths: Financial Planning and Banking.

Requirements for the Finance concentration in the BS with a major in Business Administration (BS/BA):

18 hours as listed below:

ACCT	3311	Intermediate Accounting I
BFIN	3315	Financial Modeling
BFIN	3322	Intermediate Financial Management
BFIN	3325	Money and Capital Markets
BFIN	3355	International Banking and Finance
BFIN	4355	Capital Budgeting

GENERAL BUSINESS

The general business curriculum allows students desiring a broad background in business administration to design their own area of emphasis, with the approval of their advisor. To fulfill the requirements for award of the general business concentration, the student must complete

18 semester hours in business courses at the 3000 or 4000 level from any of the following eight disciplines: Accounting, Banking and Finance, Management, Business Law, Economics, Information Systems, International Business, and Marketing.

To fulfill the requirements for award of the General Business concentration, the student must complete:

- c. 12 semester hours of 3000 level courses. Only one course per discipline (management, marketing, etc.) will apply toward this concentration.
- d. 6 semester hours of 4000 level courses. Both courses may come from the same discipline or be from different disciplines.

GENERAL MARKETING

The management concentration is designed for students who aspire to assume positions in business organizations, governmental agencies,

EXTENDED ACADEMIC PROGRAMS

community/non-profit firms, or ownership/executive-level positions in small entrepreneurial companies.

To fulfill the requirements for the Management concentration, the student must complete the following:

A. 12 semester hours as follows:

BMKT	3320	Public Relations
BMKT	3353	Social Media
BMKT	3377	Consumer Behavior
BMKT	4375	Market Research

B. 6 semester hours advanced marketing electives

INFORMATION SYSTEMS

[Course Descriptions, page 323]

The information systems concentration prepares students to solve technical, customer service, and management problems in governmental, business and other community organizations using information management principles and information technology skills.

To fulfill the requirements for the Information Systems concentration, the student must complete the following 21 semester hours:

21 semester hours as listed below:

BINF	2330	Programming Languages I
BINF	3330	Programming Languages II
BINF	3362	System Analysis and Specification
BINF	3363	Design and Implementation of Databases and Systems
BINF	3367	Introduction to Networks and Telecommunications
BINF	4363	E-Business Strategy, Architecture and Design
BINF	4375	Information Security

MANAGEMENT CONCENTRATIONS

[Course Descriptions, page 330 and page 483]

The management concentration is designed for students who aspire to assume positions in business organizations, governmental agencies, community/non-profit firms, or ownership/executive-level positions in small entrepreneurial companies.

To complete the requirements for a concentration in Management, the student must select one of the concentrations listed below:

GENERAL MANAGEMENT CONCENTRATION:

To fulfill the requirements for the General Management concentration, the student must complete the following:

EXTENDED ACADEMIC PROGRAMS

A. 9 semester hours as follows:

BMGT	3354	Human Resource Management
BMGT	4346	Systems and Quality Management
BMGT	4355	Organizational Behavior And Leadership

B. Plus 9 advanced semester hours Management electives.

EBUSINESS MANAGEMENT CONCENTRATION:

To fulfill the requirements for the eBusiness Management concentration, the student must complete the following:

A. 9 semester hours as follows:

BMGT	3354	Human Resource Management
BMGT	4346	Systems and Quality Management
BMGT	4355	Organizational Behavior And Leadership

B. 12 semester hours as follows:

BMGT	3343	eBusiness Model Development
BMGT	3353	eBusiness Technology Applications
BMGT	4343	eBusiness Strategies
BMGT	4353	eBusiness Mobile Infrastructure

INNOVATION MANAGEMENT CONCENTRATION:

To fulfill the requirements for the Innovation Management concentration, the student must complete the following:

A. 9 semester hours as follows:

BMGT	3354	Human Resource Management
BMGT	4346	Systems and Quality Management
BMGT	4355	Organizational Behavior And Leadership

B. 12 semester hours as follows:

BMGT	3356	The Process of Innovation
BMGT	3367	Leadership for Innovation
BMGT	4356	Fundamentals of Organizational Change and Development
BMGT	4367	Innovation Lab

PROJECT MANAGEMENT CONCENTRATION:

To fulfill the requirements for the Project Management concentration, the student must complete the following:

A. 9 semester hours as follows:

BMGT	3354	Human Resource Management
BMGT	4346	Systems and Quality Management

EXTENDED ACADEMIC PROGRAMS

BMGT 4355 Organizational Behavior And Leadership

B. 12 semester hours as follows:

BMGT 3347 Project Management Methodologies

BMGT 3357 Project Planning

BMGT 4347 Total Quality and Lean Management

BMGT 4357 Project Leadership

SOCIAL MARKETING

The management concentration is designed for students who aspire to assume positions in business organizations, governmental agencies, community/non-profit firms, or ownership/executive-level positions in small entrepreneurial companies.

To fulfill the requirements for the Management concentration, the student must complete the following:

A. 12 semester hours as follows:

BMKT 3320 Public Relations

BMKT 3353 Social Media

BMKT 3377 Consumer Behavior

BMKT 4375 Market Research

B. 9 semester hours from the following:

BMKT 3355 Internet Marketing

BMKT 4365 Web Analytics

BMKT 4390 Marketing Management

CRIMINAL JUSTICE

[Course Descriptions, page 500]

Criminal Justice is an interdisciplinary field of inquiry focused on the philosophical, theoretical and practical applications of justice, and on the resolution of conflict within society. Rather than train individuals for a particular occupation through sole instruction in specific vocational skills, the Bachelor of Science in Criminal Justice, offered through ADCaP offers a broad liberal arts education which focuses on the cultivation of analytical and creative thought, and the ability to communicate effectively in a 21st century workplace and social environment.

Major Requirements for a Bachelor of Science in Criminal Justice:

A. 27 semester hours of required core courses, as follows:

CRIJ 1301 Introduction to Criminal Justice

CRIJ 1325 Criminology

CRIJ 2310 Criminal Law and Procedure

CRIJ 2313 Corrections

CRIJ 2328 Law Enforcement

EXTENDED ACADEMIC PROGRAMS

CRIJ	2333	Juvenile Justice
CRIJ	3360	Criminal Justice Administration
CRIJ	3370	Criminal Justice Research Methods
CRIJ	4380	Capstone in Criminal Justice

B. 27 semester hours of coursework of upper division coursework selected from the following courses:

CRIJ	3300	Public and Private Security
CRIJ	3330	Race, Gender, Ethnicity and the Law
CRIJ	3335	Civil Liability
CRIJ	3340	Victimology
CRIJ	3380	Criminal Investigation
CRIJ	3390	Terrorism and Homeland Security
CRIJ	4300	Corporate Crime and Deviance
CRIJ	4305	Cyber Crimes
CRIJ	4320	Sex Crimes
CRIJ	4340	Women in Criminal Justice
CRIJ	4390	Concepts in Self Defense
CRIJ	4395	Internship in Criminal Justice

C. Students must complete the following specific courses in the UIW Core Curriculum requirements:

MATH	1304	College Algebra
PHIL	3333	Applied Ethics (satisfies second PHIL/RELS requirement)
PSYC	1301	Introduction to Psychology (satisfies social science requirement)

Requirements for a minor in Criminal Justice

1. 15 semester hours as follows:

CRIJ	1301	Introduction to Criminal Justice
CRIJ	1325	Criminology

Plus 9 hours advanced (3000-4000) level courses in criminal justice.

HEALTH SCIENCES

[Course Descriptions, page 500]

The Bachelor of Science in Health Science (HSCI) degree program was designed for students who are ready to prepare for a career in the healthcare field. Professionals already working can complete a HSCI degree to move to more senior leadership position. Students completing the program will also find graduate school opportunities.

The HSCI degree is very flexible. Students who have 18 or more credits in the allied health field can transfer those into the degree program. Students who do not possess credit may elect to complete a specialization while working on the degree. Students can select from concentrations in Administration, Cardiac Rhythm Analysis Technician; Certified Billing & Coding Specialist; Certified Electronic Health Record Specialist; Certified Medical Administrative Assistant; General Studies;

EXTENDED ACADEMIC PROGRAMS

and Nutrition. Graduates will be qualified to assume leadership positions in healthcare and also move on to graduate school.

Major Requirements for a Bachelor of Science in Health Sciences:

A. 33 Hours Health Sciences Core

HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II
HSCI	3310	Healthcare Organizations and Administration
HSCI	3321	Information Systems for the Health Sciences
HSCI	3330	Legal Issues in Healthcare
HSCI	3340	Third Party Payment Systems
HSCI	3350	Epidemiology and Public Health
HSCI	4310	Healthcare Policy
HSCI	4320	Biostatistics and the Health Sciences
HSCI	4330	Health Sciences Research
HSCI	4340	Capstone in Health Sciences

B. 18 - 30 Hours Health Area Specialization

The student can complete a concentration (listed below) or transfer work complete at another institution, prior learning, and/or military work.

C. General Electives - Hours needed to meet 120 total credit hours for degree and 45 hour residency requirement.

Nutrition Concentration (27 Hours):

NUTR	2300	Introduction to Health Professions
NUTR	2310	Introduction to Nutrition Science
NUTR	2340	Food Culture and Disease in America
NUTR	2350	Nutrition for Health, Fitness, and Sport
NUTR	3300	Life Cycle Nutrition for Health Care
NUTR	3320	Public Health Nutrition
NUTR	3360	Integrated Approach to Weight Management
NUTR	4320	Health and Nutrition Communication and Education Skills
NUTR	4310	Nutrition Therapy and Pathophysiology

ADMINISTRATION CONCENTRATION

The Bachelor of Science in Health Science (BS-HSCI) with a concentration in Nutrition is designed for students who are ready to prepare for a career in the healthcare field with a emphasis on nutrition. Professionals already working can complete a BS-HSCI degree to move on to a senior leadership position.

The administration concentration prepares students to work in a medical office, clinic, and/or hospital setting in a management position. Graduates will be qualified to assume leadership roles in various healthcare environments and also move on to graduate school.

Requirements for a major in Health Sciences with a concentration in Administration:

A. 21 semester hours as follows:

ACCT	2311	Principles of Accounting I
BFIN	3321	Principles of Financial Management
BMGT	3340	Management Theory & Practice
BMGT	3354	Human Resource Management
BLAW	3317	Business Law I
BMGT	4340	Management Skills
BMGT	4355	Organizational Behavior & Leadership

B. General electives to meet 120 total credit hours for degree and 45 hour residency requirement

C. 45 Clock hours of Community Service is required

CARDIAC RHYTHM ANALYSIS PROFESSIONAL

[Course Descriptions, page 500]

The Bachelor of Science in Health Sciences (BS-HSCI) degree with a concentration in Cardiac Rhythm Analysis Technician (CRAT) prepares students for a healthcare career, especially those utilizing specialized monitoring equipment to analyze cardiac rhythms or ECGs.

Military students wishing to complete the Health Science major must have 15-20 hours of transfer college work or appropriate military experience credit in an allied health area.

Requirements for a major Health Sciences with a concentration in Cardiac Rhythm Analysis Technician:

A. BIOL 1401, Diversity of Life and Lab

B. 33 Hours Health Sciences Core

HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II
HSCI	3310	Healthcare Organizations and Administration
HSCI	3321	Information Systems for the Health Sciences
HSCI	3330	Legal Issues in Healthcare
HSCI	3340	Third Party Payment Systems
HSCI	3350	Epidemiology and Public Health
HSCI	4310	Healthcare Policy
HSCI	4320	Biostatistics and the Health Sciences
HSCI	4330	Health Sciences Research
HSCI	4340	Capstone in Health Sciences

C. Cardiac Rhythm Analysis Specialization

HSCI	2330	HIPAA Compliance and Certification
HSCI	3305	Basic EKG
HSCI	3355	Healthcare Ethics and Law
HSCI	3317	Healthcare Communication

D. General electives to meet 120 total credit hours for degree and 45 hour residency requirement

E. 45 Clock hours of Community Service is required

CERTIFIED BILLING AND CODING SPECIALIST

[Course Descriptions, page 500]

The Bachelor of Science in Health Sciences (BS-HSCI) degree with a concentration in Certified Billing and Coding Specialist (CBCS) program prepares students to perform specialized work related to insurance and coding in medical settings.

Military students wishing to complete the Health Science major must have 15-20 hours of transfer college work or appropriate military experience credit in an allied health area.

Requirements for a major in Health Sciences with a concentration in Certified Billing and Coding Specialist:

A. BIOL 1401, Diversity of Life and Lab

B. 33 Hours Health Sciences Core

HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II
HSCI	3310	Healthcare Organizations and Administration
HSCI	3321	Information Systems for the Health Sciences
HSCI	3330	Legal Issues in Healthcare
HSCI	3340	Third Party Payment Systems
HSCI	3350	Epidemiology and Public Health
HSCI	4310	Healthcare Policy
HSCI	4320	Biostatistics and the Health Sciences
HSCI	4330	Health Sciences Research
HSCI	4340	Capstone in Health Sciences

C. Certified Billing and Coding Specialization

HSCI	2312	Medical Terminology
HSCI	2315	Medical Coding
HSCI	2317	Medical Insurance Practice
HSCI	2327	Introduction to the Electronic Health Record
HSCI	2330	HIPAA Compliance and Certification
HSCI	3323	Pathophysiology

D. General electives to meet 120 total credit hours for degree and 45 hour residency requirement

E. 45 Clock hours of Community Service is required

CERTIFIED ELECTRONIC HEALTH RECORDS SPECIALIST--BS

[Course Descriptions, page 500]

The Bachelor of Science in Health Sciences (BS-HSCI) degree with a concentration in Certified Electronic Health Records Specialist (CEHRS) is responsible for maintaining the integrity and protecting the privacy and security of patient information. As a Certified EHR Specialist, you may perform some or all of the following tasks:

EXTENDED ACADEMIC PROGRAMS

- Audit patient records for compliance with legal and regulatory requirements
- Abstract clinical information for inclusion in reports such as quality improvement studies
- Perform basic coding to submit claims for reimbursement for insurers
- Process Release of Information (ROI) requests for medical records
- Review patient records to ensure they are complete
- Collect patient demographic and insurance information

Military students wishing to complete the Health Science major must have 15-20 hours of transfer college work or appropriate military experience credit in an allied health area.

Requirements for a major in Health Sciences with a concentration in Certified Electronic Health Records Specialist:

A. BIOL 1401, Diversity of Life and Lab

B. 33 Hours Health Sciences Core

HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II
HSCI	3310	Healthcare Organizations and Administration
HSCI	3321	Information Systems for the Health Sciences
HSCI	3330	Legal Issues in Healthcare
HSCI	3340	Third Party Payment Systems
HSCI	3350	Epidemiology and Public Health
HSCI	4310	Healthcare Policy
HSCI	4320	Biostatistics and the Health Sciences
HSCI	4330	Health Sciences Research
HSCI	4340	Capstone in Health Sciences

C. Certified Electronic Health Records Specialization

HSCI	3307	Basic Pharmacology
HSCI	3320	Health Data Management
HSCI	3321	Information Technology and Systems
HSCI	3323	Pathophysiology
HSCI	3335	Health Services Organization and Delivery
HSCI	3365	Health Statistics, Biomedical Research, and Quality Management
HSCI	4307	Organization Resources

D. General electives to meet 120 total credit hours for degree and 45 hour residency requirement

E. 45 Clock hours of Community Service is required

CERTIFIED MEDICAL ADMINISTRATIVE ASSISTANT

[Course Descriptions, page 500]

The Bachelor of Science in Health Sciences (BS-HSCI) degree with a concentration in Certified Medical Administrative Assistant (CMAA) program prepares students to work in health information management

EXTENDED ACADEMIC PROGRAMS

offices. Students receive training in all of the medical administrative tasks performed to manage health records, identify diagnostic codes, and initiate insurance billing. Students acquire skills and training to obtain employment in all health care facilities/settings.

Military students wishing to complete the Health Sciences major must have 15-20 hours of transfer college work or appropriate military experience credit in an allied health area.

Requirements for a major in Health Sciences with a concentration in Certified Medical Administrative Assistant:

A. BIOL 1401, Diversity of Life and Lab

B. 33 Hours Health Sciences Core

HSCI	2310	Health Sciences I
HSCI	2320	Health Sciences II
HSCI	3310	Healthcare Organizations and Administration
HSCI	3321	Information Systems for the Health Sciences
HSCI	3330	Legal Issues in Healthcare
HSCI	3340	Third Party Payment Systems
HSCI	3350	Epidemiology and Public Health
HSCI	4310	Healthcare Policy
HSCI	4320	Biostatistics and the Health Sciences
HSCI	4330	Health Sciences Research
HSCI	4340	Capstone in Health Sciences

C. Certified Medical Administrative Assistant Specialization

HSCI	2315	Medical Coding
HSCI	2317	Medical Insurance Practice
HSCI	2327	Introduction to the Electronic Health Record
HSCI	2330	HIPAA Compliance and Certification
HSCI	3310	Introduction to Administrative Medical Assisting
HSCI	3317	Healthcare Communication

D. General electives to meet 120 total credit hours for degree and 45 hour residency requirement

E. 45 Clock hours of Community Service is required

GENERAL STUDIES CONCENTRATION

The Bachelor of Science in Health Science with a concentration in General Studies (Military Training) is designed for students who are ready to prepare for a career in the healthcare field. Professionals already working can complete a BS-HSCI degree to move on to a senior leadership position.

Students who have 18 or more credits in the military allied health field can transfer those into the degree program as general studies to complete the BS-HSCI degree. Graduates will be qualified to assume leadership positions in healthcare and also move on to graduate school.

EXTENDED ACADEMIC PROGRAMS

To receive the Bachelor of Science in Health Science (BS-HSCI) with a concentration in General Studies degree, students must complete the Major Requirements for a Bachelor of Science in Health Sciences and:

- Students who have 21 or more credits in the allied health field are required to transfer them into the degree program. These credits may also come from appropriate military training.
- General Electives - Hours needed to meet 120 total credit hours for degree and 45 hour residency requirement
- 45 clock hours of Community Service is required.

NUTRITION CONCENTRATION

[Course Descriptions, page 500]

The Bachelor of Science degree with a major in Health Science and a concentration in Nutrition is designed for students who are ready to prepare for a career in the healthcare field with a emphasis on nutrition. Professionals already working can complete the degree to move on to a senior leadership position.

Graduates will be prepared for opportunities in nutrition areas of healthcare, including wellness, healthcare policy, education, and fitness. Graduates will be qualified to assume leadership positions in multiple environments and also move on to graduate school.

Requirements for a major in Health Sciences with a concentration in Nutrition:

A. Nutrition Concentration (27 Hours):

NUTR	2300	Introduction to Health Professions
NUTR	2310	Introduction to Nutrition Science
NUTR	2340	Food Culture and Disease in America
NUTR	2350	Nutrition for Health, Fitness, and Sport
NUTR	3300	Life Cycle Nutrition for Health Care
NUTR	3320	Public Health Nutrition
NUTR	3360	Integrated Approach to Weight Management
NUTR	4310	Nutrition Therapy and Pathophysiology
NUTR	4320	Health and Nutrition Communication and Education Skills

B. General electives to meet 120 total credit hours for degree and 45 hour residency requirement

C. 45 Clock hours of Community Service is required

HUMAN RESOURCES

[Course Descriptions, page 497]

The purpose of the major in Human Resources is to prepare students for challenges in the workplace related to managing and developing people. This includes those interested in HR careers as well as those who desire to improve their ability to solve problems, improve processes and

EXTENDED ACADEMIC PROGRAMS

enhance the effectiveness of people in organizations. In addition to developing competencies in key HR activities (staffing; training & development; performance management; compensation & benefits; legal compliance), the student will develop important skills in critical thinking, problem solving, technology and business communication.

The Society for Human Resource Management (SHRM) has acknowledged that the Bachelor of Arts in Human Resources degree fully aligns with SHRM's HR Curriculum Guidebook and Templates. The guidelines -- created in 2006 and revalidated in 2010 and 2013 -- are part of SHRM's Academic Initiative to define HR education standards taught in university business schools and help universities develop degree programs that follow these standards.

Major Requirements for a Bachelor of Arts in Human Resources: 45 semester hours as follows:

A. Business (21 hours)

ACCT	2311	Accounting I
BINF	2325	Personal Productivity Applications
BMGT	3340	Management Theory and Practice
BMGT	3354	Human Resources Management
BMDS	3370	Business Statistics
BMDS	3371	Management Science
BMGT	4355	Organizational Behavior & Leadership

B. Human Resources (24 hours)

HRES	3330	Human Resources and the Law
ORGD	3340	Organizational Development
HRES	3350	Staffing
HRES	3360	Training & Development
HRES	3370	Compensation and Benefits
HRES	3380	Performance Management
ORGD	4350	Leadership in Organizations
HRES	4380	Capstone in Human Resources

Requirements for a minor in Human Resources:

Must Complete:

ORGD	3340	Organizational Development
ORGD	4350	Leadership in Organizations

And complete 12 hours from the following:

HRES	3330	Human Resources and the Law
HRES	3350	Staffing
HRES	3360	Training & Development
HRES	3370	Compensation and Benefits
HRES	3380	Performance Management

ORGANIZATIONAL DEVELOPMENT

[Course Descriptions, page 500]

The purpose of the major in Organizational Development is to prepare students for challenges related to improving organizational effectiveness and efficiency by increasing the capacity for individuals, groups and organizations to adapt to change. This includes those interested in becoming OD practitioners, as well as those desiring to learn approaches for introducing new methods or practices in the workplace, and in helping organizations solve problems and achieve goals. In addition to building a foundation in business/business management, and developing competencies in key OD activities, the student will develop important skills in critical thinking, problem solving, technology and business communication.

Major Requirements for a Bachelor of Arts in Organizational Development:

45 semester hours as follows:

A. Business (21 hours)

ACCT	2301	Accounting I
BINF	2325	Personal Productivity Applications
BMDS	3370	Business Statistics
BMDS	3371	Management Science
BMGT	3340	Management Theory and Practice
BMGT	3354	Human Resources Management
BMGT	4355	Organizational Behavior & Leadership

B. Organizational Development (24 hours)

ORGD	3340	Organizational Development
ORGD	3360	Team Building in Organizations
ORGD	3370	Total Quality Management
ORGD	3390	Communication in Organizations
ORGD	3395	Organizational Change
ORGD	4330	Organizational Learning
ORGD	4350	Leadership in Organizations
ORGD	4380	Capstone in Organizational Development

Requirements for a minor in Organizational Development:

Students must complete the following:

ORGD	3340	Organizational Development
ORGD	4350	Leadership in Organizations

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Students must complete 12 hours from the following:

ORGD	3360	Team Building in Organizations
ORGD	3370	Total Quality Management
ORGD	3390	Communication in Organization
ORGD	3395	Organizational Change

ORGD 4330 Organizational Learning

PSYCHOLOGY

[Course Descriptions, page 501]

The Bachelor of Science degree in Psychology in the Division of Extended Academic Programs will contribute to a student's general knowledge and prepare them to pursue advanced degrees in psychology or related disciplines. The program seeks to deliver its curriculum through an interactive and collaborative learning environment that provides its participants with a strong theoretical and scientific foundation in the field of psychology.

Students will select from two concentration areas: general psychology or industrial and organization psychology. A minor to complement the psychology major in another program is strongly recommended but not required.

Major Requirements for a Bachelor of Science in Psychology:
53 semester hours as follows:

A. Psychology Core (38 hours)

PSYC	1301	Introduction to Psychology
PSYC	2320	Scientific Literacy in Psychology
PSYC	2350	Developmental Psychology
PSYC	2380	Biology and Behavior
PSYC	3331	Abnormal Psychology
PSYC	3351	Social Psychology
PSYC	3353	Personality
PSYC	3385	Multicultural Issues
PSYC	3472	Learning
PSYC	3450	Quantitative Methods
PSYC	3380	Applied Statistics for the Behavioral Sciences
PSYC	4331	History of Psychology

B. Concentration--select one of the following two options:

General Psychology (15 hours)

PSYC	4332	Theories of Counseling and Psychotherapy
PSYC	43CS or	Capstone Project in Psychology or
	4359	Internship in Psychology

Plus 9 hours from the following:

PSYC	3320	Qualitative Methods
PSYC	4310	Research Design
PSYC	4315	Comparative Psychology
PSYC	4322	Experimental Psychology: Perception
PSYC	4325	Experimental Psychology: Motivation

EXTENDED ACADEMIC PROGRAMS

Industrial and Organizational Psychology (15 hours)

6 hours from the following:

PSYC	3320	Qualitative Methods
PSYC	4310	Research Design

Plus 9 hours from the following:

PSYC	3310	Principles of Industrial and Organizational Psychology
PSYC	3315	Group Processes
PSYC	4305	Psychology of Leadership
PSYC	4312	Personnel Psychology
PSYC	4317	Psychology of Motivation and Performance

Plus 3 hours from the following:

PSYC	43CS	Capstone Project in Psychology
PSYC	4359	Internship in Psychology

X. Description of Courses

Course Numbers

This section of the catalog contains all of the course descriptions for courses taught on the main campus as well as those shared courses taught through the Extended Academic Programs--the Adult Degree Completion Program and the Virtual University. Courses that are specific to the Extended Academic Programs and taught only through these programs are listed in chapter 10.

Courses are designated by numbers that indicate their rank. Those numbered from 1000 to 1999 inclusive are of freshman rank; courses from 2000 to 2999 inclusive are of sophomore rank but may also be taken by freshmen that present the equivalent of the prerequisite at entrance; courses numbered from 3000 to 4999 are of junior and senior rank. The first digit of the course number indicates the class level of the course. The second digit indicates the semester hour value of the course. Prerequisites refer to current course numbering. For the prior course number, please see an advisor. Special Topics and Selected Topics courses (usually numbered 4371 and 4399) may be offered in any discipline and are repeatable when and as the topics change. Independent Study courses numbered 4X98 with the X meaning a specific credit hour value. These courses are available in all disciplines subject to eligibility requirements stated in Section V of this Bulletin.

NOTE: Some courses may have separate fees assessed at registration. Please refer to the Schedule of Classes for further information.

3D Animation and Game Design (ANGD)

1101 Orientation to Animation and Game Design

This lecture course serves as the entry-level course for incoming freshman entering the 3D Animation and Game Design program. The course will cover curriculum issues, University culture, and services, industry norms and standards, curriculum expectations, and industry standard practices.

1301 Introduction to Animation and Game Design

This studio/lecture course is a basic overview of technologies central to animation and game design. Hands-on training with game input methodologies, basic 3D modeling, word processing, spreadsheet manipulation, and computer hardware are core. Topics include animation and game design concepts, terminology, processes, and procedures.

1302 Digital Imaging and Texture Painting

This studio/lecture course is an extensive exploration of image manipulation and texture painting tools. Both architectural and character 3D assets will be textured using both 2D and 3D texturing tools. Both photorealistic-based texture creation and illustrative texture painting will be

X. DESCRIPTION OF COURSES

covered in the contexts of animation and game design. Textures interplay within a shader framework will be explored. Prerequisite: ANGD 1301

1311 Set and Level Design and Modeling

This studio/lecture course is an introduction to solid-surface modeling in the context of high-resolution set design and game design. UV layout and manipulation and the different applications across animation delivery systems will be covered. Virtual lighting and rendering techniques will be introduced. Game engines will be explored.

1321 Character Modeling

This studio/lecture course is an introduction to organic modeling for both high-resolution (TV/Film/Advertising) and game-resolution assets. Focus will be on anatomy and appropriate topology to create dynamic, engaging, and animatable characters. UV layout for organic forms will be introduced. Fee.

1380 Anatomy for the Animator

This lecture course is an introduction to the biological systems that are important to animators. Specifically, nomenclature and function of these systems and how they are illustrated in 3D models in both game and TV/film.

2311 3D II: Animation

This studio/lecture course covers basic 3D animation techniques. Emphasis on keyframe animation, hierarchical motion, inverse kinematics, morphing and camera motion. Topics include historical overview and theoretical analysis of digital 3D animation. Fee. Prerequisite: CART 2301

2311 Advanced Set and Level Design

This studio/lecture course is an in-depth exploration of advanced techniques in set and level design. It brings together advanced modeling techniques with efficient UV layout painted using sophisticated texture painting techniques lit with high-end rendering methods. Prerequisites: ANGD 1311 and 1302.

2321 Rigging and Animation

This studio/lecture course offers an introduction to character rigging and basics of animation. FK and IK animation within the context of bipedal and multipedal characters utilizing effective principles of body animation mechanics will be explored. Efficient rigs including effective skin weights will be created. Prerequisites: ANGD 1321.

2330 History of Animation

This lecture course is a survey of the history of animation and special effects. Overview includes traditional, experimental, and digital media. Emphasis is placed on the history of US animation; however, international animation will also be covered extensively.

X. DESCRIPTION OF COURSES

2431 Advanced Character Creation and Animation

This studio/lecture course is an advanced character creation, rigging, and animation exploration. Game ready characters will be designed, modeled, rigged, animated and placed in game. TV/film characters will be designed, modeled, rigged (including facial rigs) and animated to lip-synced situations. Prerequisites: ANGD 2321.

3301 3D Animation III: Narrative Animation

This studio/lecture course covers narrative 3D computer animation. Emphasis on storytelling, continuity, virtual cinematography, and digital editing. Topics include historical overview and analysis of 3D special effects in cinema and video. Fee. Prerequisite: CART 2311.

3311 3-D Animation IV : Character Animation

This studio/lecture course covers 3D character animation. Emphasis on the creation of a detailed character with personality and complex, expressive movement. Topics include historical overview and analysis of 3D animated characters in cinema and video. Fee. Prerequisite: CART 3301

3315 Visual Narrative Conventions

This lecture course applies the concepts in visual literacy towards understanding core concepts of narrative structure. How to create mood and message through lighting, music framing, composition, and duration will be analyzed through film vocabulary, cinematic technique observation, and film history overviews. Fee. Prerequisite: ANGD 1301, 1311, 1302, 2311

3321 History of Animation

This lecture course is a survey of the history of animation and special effects. Overview includes traditional, experimental, and digital media. Emphasis is placed on the history of US animation; however, international animation will also be covered extensively.

3325 Figure Drawing for Animators

This studio/lecture course provides anatomical study and rendering techniques important for animators, modelers, and character designers. Includes extensive lab time and work with models. ANGD majors must take ANGD 3325 three times. Prerequisites: ANGD 1301, 1311, and ARTS 1301

3340 Production I

This studio/lecture course is the first in a two-course series (along with ANGD 3350, Production II) in which a complete narrative project or game is conceived, designed, produced and submitted for festival consideration. This project is done by one student who completes all aspects of the piece. It is the accumulation of technical skills gained through the first two years of the ANGD curriculum. Fee. Prerequisite: ANGD 2341, 2311

X. DESCRIPTION OF COURSES

3350 Production II

This studio/lecture course is the second in a two-course series (along with ANGD 3340, Production II) in which a complete narrative project or game is animated and/or programmed and is ready for submission at festivals. This project is done by one student who completes all aspects of the piece. Fee. Prerequisite: ANGD 3340

3360 Programming for Games

This studio/lecture course provides the ground work for programming and scripting for contemporary game engines. It focuses on specific scripting for selected game engines that will allow for game mechanics to be built and implemented in future game projects.

4100 Animation Industry Seminar

This lecture course is required for ANGD majors. Emphasis is on exposure to industry trends, personalities, representation, and presentation. Includes lectures by local and national industry leaders in animation and game design. There will be 8-10 meetings each semester, students will have the opportunity to hear from animation professionals. The lectures will serve to expose students to emerging styles and ideas in the animation and games marketplace. In addition, access to these professionals is given to the students for questions and feedback. Instruction will all be lectures by professionals in the field of 3D Animation, Film, and Video Game technologies.

4140 Senior Thesis Workshop

This lecture course lays the foundation for the Senior Thesis project. Research, concepts, character and set designs, narrative threads and animation tests will be developed. Prerequisite: ANGD 2431, 2311

4301 Advanced Projects Practicum

This studio/lecture course gives students an opportunity to apply all the skills and concepts gained in earlier classes. Emphasis is on producing large-scale, high-quality, creative work for inclusion in the Senior Portfolio. Topics focus on areas of specialization, thoroughly investigating issues of current interest in 3D animation and game design. Prerequisite: ANGD 3350 and 4140

4303 Cooperative Education Internship

On-the-job training and observation at an animation or game design business. Work 15-20 hours per week and meet with instructor 1 hour per week. Topics include 'real-world' work place conditions and standards. Prerequisite: ANGD 3350 and 4140

4305 Senior Portfolio

This studio/lecture course is the final course for the ANGD degree. Emphasis on preparation and enhancement of a professional portfolio. Topics include job-seeking strategies, presentation skills, and interview techniques and networking with professional organizations. Prerequisite:

X. DESCRIPTION OF COURSES

ANGD 3350 and 4140. NOTE: This course should be taken during the student's last semester at UIW.

4340 3D Animation I Bridge: Modeling

This studio/lecture course covers basic 3D modeling and rendering techniques for transfer students. Emphasis on building and modifying 3D geometry, defining surface materials, lights and cameras, rendering still images. Topics include historical overview and theoretical analysis of digital 3D modeling and rendering. Fee.

4340 Business of Animation and Game Design

This lecture course covers how the communication design industry is structured and issues related to work as a professional designer. These include estimating and billing, legal, ethical and tax issues, running a studio, professional resources and other issues likely to be encountered in a design career.

4350 3D Animation II Bridge: Animation

This studio/lecture course covers basic 3D animation techniques for transfer students. Emphasis on keyframe animation, hierarchical motion, inverse kinematics, morphing and camera motion. Topics include historical overview and theoretical analysis of digital 3D animation. Fee. Prerequisites: CART 2301 or CART 4340.

4370 3D Animation VI: Team Production

This studio/lecture course covers 3D computer animation with an emphasis on team workflow. The course will make use of industry standard pipelines helping students understand how their work fits within an overall artistic and production vision to create a cohesive whole. Fee. Prerequisite: CART 4311.

4390 World Animation Industry Study Away

This lecture/travel course provides students a chance to see how the animation industry operates throughout culture hubs of the world. Course content includes required travel to city or cities of focus each semester. Fee.

4440 Senior Thesis Production I

This studio/lecture course is the first in a two-course series (along with ANGD 4450, Senior Thesis Production II) in which a complete narrative project or game is conceived, designed, produced and submitted for festival consideration. It is the accumulation of technical skills gained through the first two years of the ANGD curriculum. This will be completed as a team project. Fee. Prerequisite: ANGD 3350, 4140

4450 Senior Thesis Production II

This studio/lecture course is the first in a two-course series (along with ANGD 4440, Senior Thesis Production I) in which a complete narrative project or game is conceived, designed, produced and submitted for

X. DESCRIPTION OF COURSES

submission at festivals. This project is completed as part of a team. Fee.
Prerequisite: ANGD 4440

ANTHROPOLOGY (ANTH)

[Program Description page 116]

1311 Cultural Anthropology

This course studies dynamics of human cultures, including material culture, technology, language, kinship and social organization, religion, art, and other major aspects of culture in diverse societies.

3332 Culturology and Cross-Cultural Communication

This course examines the importance of culture and its role in communication. Cross-listed with SOCI 3332. May be taken as a CLST elective.

ART HISTORY (ARTH)

[Program Description, page 280]

1310 Masterworks of World Art

This is a one-semester survey of Western and non-Western art: painting, sculpture, architecture, etc. This course will explore art from the earliest civilizations (Egyptian, Greek and Roman), from the late medieval period (Romanesque and Gothic), from Mesoamerica (1500 B.C. to 1520 A.D.), from the Renaissance (Da Vinci, Michelangelo), and from the modern and post-modern eras of the U.S. and Latin America. The organization is not strictly chronological. Rather, each unit consists of several recurring topics: introduction, place; style or movement; individual artist and status of the artist; patronage and politics; individual work of art. This structure will introduce students to works of art in context and how to approach them. This course is designed for non-Art majors and may not be taken by Art majors for credit. May be taken as a CLST elective. (Fall, Spring)

2361 Art History: Ancient Through Medieval

This is a representative survey of the visual arts from the earliest civilizations in the Middle East and Europe to the late medieval period preceding the Renaissance. The historical context of the civilizations that produced these images also will be discussed. Students should obtain an understanding of the formal, intellectual, and spiritual values of these early monuments that constitute a fundamental part of our cultural heritage. May be taken as a CLST elective. (Fall, Spring)

2362 Art History: Renaissance to Modern

This is a survey of Western art from the early Renaissance to the Twentieth Century. It considers the formal, intellectual, and spiritual values within Western art during the last seven centuries. Discussions will also focus on the historical and social contexts underlying the creative process in Western civilization. May be taken as a CLST elective. (Fall, Spring)

X. DESCRIPTION OF COURSES

3350 Latin American Art: 20th Century

This course explores the art of the modern era (1820 to 1980) in the Caribbean and South America. This course considers the establishment of the art academies in Latin America during the latter part of the 19th Century and the shift away from academic painting in the 1920s. This course also will analyze the change in the 1930s to indigenismo and social subjects; abstraction; surrealism; Indo-Americanism and Afro-Caribbean identity in the 1940s; concrete-optical-kinetic movements in the 1950s and 1960s, and Latin American women artists of the 1970s and 1980s. May be taken as a CLST elective. Prerequisites: ARTS 2361 and 2362. (As needed)

3357 History of Photography

In this course students will learn the history of photography from the time before the invention of photography, when the camera obscura was in use, to the present. Both the technological advances and the changing aesthetics of the medium will be considered. May be taken as a CLST elective. (Fall)

3360 Survey in Contemporary Art

This is a survey of contemporary art from Impressionism to the present through an examination of the ways in which artists have interpreted or responded to the world and the human condition. This course takes into consideration the kinds of physical, psychological, cultural, and temporal realities that are recognized and/or constructed by modern artists. Prerequisite: ARTH 2362. May be taken as a CLST elective. (Fall)

3363 Native American Art: Pueblo, Moundbuilders, and Archaic

This course studies the art of the indigenous Archaic, Moundbuilder, Southeast, and Pueblo people of North America from Pre-European through the Historic Era. May be taken as a CLST elective. (As needed)

3364 Native American Art: Plains, Athapaskan, Pacific Coast

This course studies the art of the North American Athapaskan, Plains, Northwest Coast, California, and Far North peoples. May be taken as a CLST elective. (As needed)

3375 Aesthetics: Philosophy of Art and Beauty

This course is a philosophical examination of the world and nature of art and the nature and significance of aesthetic experience. Topics may include the definition of art, the idea of beauty, aesthetic value and experience, the nature of the creative process, form versus content, expressiveness, symbolism, the role of theory in aesthetics, art criticism, art and religion, art and morality, art and science, and art and the community. Prerequisite: PHIL 1381. May be taken as a CLST elective. Cross-listed with PHIL 3375. (Spring or as needed)

4350 Modern Art of Mexico

This course will cover the modern art of Mexico beginning with the Mexican Academy (post-Independence) to 20th Century art of the 1980s

X. DESCRIPTION OF COURSES

including the art of Rocio Maldonado, Julio Galan, and Nahum Zenil. The course considers the shift away from academic painting in the 1920s when artists (and writers) sought to modernize their cultural image, the change in the 1930s to social subjects especially during the muralist movement, the alternative ideology of Tamayo, surrealism in the 1940s, the architecture of the 1950s, the group "nueva presencia," neofiguration, and finally the art of the 1980s in which identity and sexuality play a role. Prerequisites: ARTH 2361 and 2362. May be taken as a CLST elective. (As needed)

4360 Issues in Contemporary Art

This is a study of contemporary art from 1940 to the present through an examination of major developments in architecture, painting, and sculpture. This course takes into consideration the breakdown of formal boundaries among media and between the arts following the onset of modernism and the implications of the economic, political, and cultural shifts in power in Europe and the United States. Prerequisite: ARTH 2362. May be taken as a CLST elective. (Spring)

ART (ARTS)

[Program Description, page 280]

1301 Drawing I

Students will learn basic drawing techniques through depicting a variety of subjects in various media. Meets 5 studio hours a week. Fee. (Fall, Spring, Summer)

1311 Two Dimensional Design

In this course students will examine elements of 2-D design, including the elements of art and the principles of organization, and practice in their use. Meets 5 studio hours a week. Fee. (Fall, Spring)

2301 Drawing II

Continuation of ARTS 1301. Meets 5 studio hours a week. Fee. Prerequisite: ARTS 1301. (Fall, Spring, Summer)

2311 Three Dimensional Design

In this course students will examine elements of 3-D design, including the ideas, materials and techniques related to sculpture, and the practice in their use. Meets 5 studio hours a week. Fee. Prerequisite: ARTS 1311 (Fall, Spring)

2320 Painting I

This studio course investigates the potential of painting media for descriptive and expressive possibilities. Emphasis will be placed on the development of fundamental techniques, color theory, composition, and the promotion of critical thinking skills. Meets 5 studio hours a week. Fee. (Fall, Spring, Summer)

X. DESCRIPTION OF COURSES

2342 Ceramics I

In this course, students apply design in the ceramic medium and learn basic ceramic skills such as hand building, glazing, and the rudiments of wheel throwing. Meets 5 studio hours a week. Fee. (Fall, Spring)

2351 Printmaking I

In this course students will learn to apply monotype, relief, and related printing techniques. Meets 5 studio hours a week. Fee. (Fall, Spring)

2357 Photography I

In this course, students apply the principles of design in black and white photography. Instruction in the use of film camera and darkroom equipment. Fee. May be taken as a CLST elective. (Fall, Spring)

2361 Sculpture I

Students will learn basic sculptural techniques, concepts, and materials such as model making, plaster casting, carving, and wax casting. Students will also be introduced to the rudiments of welding. Meets 5 studio hours a week. Fee. (Fall, Spring)

3300 Color Theory for Artists

In this course students will examine the properties of color based on the research of Josef Albers, including the effects of light on color perception, color changes as determined by context, color intensity, color's spatial properties, deliberate color discord, and more. Pre-requisite: ARTS 1311. Fee. (as needed)

3321 Painting II

Continuation of Painting I. Meets 5 studio hours a week. Fee. Prerequisite: ARTS 2320. (Spring, Summer)

3331 Ceramic Sculpture

This course allows creative exploration of the clay sculpture techniques of coil, solid cutaway, slab, and casting. Meets 5 studio hours a week. May be repeated for credit. Fee. Prerequisites: ARTS 1301, 1311, 2301, 2311, or permission of instructor. (As needed)

3342 Ceramics II

This course places special emphasis on advanced building techniques, more complex throwing problems, advanced glazing techniques, and reduction firing of glazes using a gas kiln as well as electric kilns. Meets 5 studio hours a week. Fee. Prerequisite: ARTS 2342 (Fall, Spring)

3352 Printmaking II

Continuation of ARTS 2351 with an emphasis on intaglio printing techniques. Meets 5 studio hours a week. Fee. Prerequisite: ARTS 2351. (Fall, Spring)

X. DESCRIPTION OF COURSES

3358 Digital Photography

This course provides the student an opportunity to explore the contemporary uses of digital photography and PhotoShop in artistic and graphic design production. Meets 2-1/2 studio hours a week. Fee. May be taken as a CLST elective. (Fall, Spring)

3360 Photography II: Documentary Photography

In this course students study and create photographs within the context of straight, black-and-white documentary photography. Included in the course are a consideration of the difficulty of photographing objectively, a study of image and text to create a document, and an investigation of the personal document. Prerequisite: ARTS 2357. Meets 5 studio hours a week. Fee (Fall). May be taken as a Cultural Studies elective.

3361 Sculpture II

Students will expand on an accumulated base of sculptural and other artistic techniques through additional training in welding, woodworking, casting, and other complex sculptural methods and styles. Meets 5 studio hours a week. Fee. Prerequisite: ARTS 2361 (Fall, Spring)

3365 Photography II: Directorial Photography

In this course students study and create photographs within the context of directorial photography. The Directorial Mode in photography, as defined by photo scholar A.D. Coleman, is that photographic approach in which the photographer acts as director to create an image that is not found ready-made in the real world, and would not have existed had the photographer not constructed/created it. Included in the course are a consideration of the history of the Directorial Mode from the beginnings of photography to the present, and a creation of directorial images. These include still life, posed portraits, photographic assemblage/construction, and tableaux. Prerequisite: ARTS 2357. Meets 5 studio hours a week. Fee. (Spring) May be taken as a CLST elective.

3367 Landscape Photography

In this course students will study and create landscape photographs. Students will work with the instructor in the classroom setting and in field experience to gain knowledge of photographic traditions in the landscape genre. Students will study the photographic media and formats associated with landscape photography, and will produce a portfolio of landscape photographs. Meets 5 studio hours a week plus outside assignments. May not be repeated for credit. Fee. (As needed)

3381 Creative Development in Art

This course studies creative art activities, materials, guidance, and motivation applicable to children's art. (As needed)

X. DESCRIPTION OF COURSES

3382 Group Studio Management

In this course, students learn techniques, organization, materials, equipment, and guidance applicable to the management of adolescent and adult group studios. (As needed)

3383 Community Art Programs for Children

This course is an internship in community art programs. Prerequisites: ARTS 3381 and Senior standing as an Art major as well as permission of instructor. (As needed)

3384 Community Art Programs for Adolescents and Adults

This course is an internship in community art programs. Prerequisites: ARTS 3382 and Senior standing as an Art major as well as permission of instructor. (As needed)

4320 Senior Studio

In this course students will create a portfolio in a single discipline. Students will work individually with the instructor to identify their discipline concentration and determine the number of works to be made. Class time will consist of individual critiques of the work being made. Fee. Prerequisite: Senior standing as an Art major or minor. (Fall)

4327 Advanced Projects in Painting

This course provides concentrated studio study with an emphasis on the pursuit and development of a strong, personal aesthetic statement and an individual approach to the use of the medium of painting, including experimentation in various methods of paint application. 5 studio hours a week. May be repeated for credit. Prerequisite: ARTS 3321. Fee. (Fall, Spring, Summer)

4344 Advanced Projects in Ceramics

This course introduces students to more challenging aesthetic and decorative situations. The student will be encouraged to begin to develop a unique style, working with the instructor to learn the advanced skills needed to accomplish this. 5 studio hours a week. Fee. Prerequisite: ARTS 3342 (As needed) May be repeated for credit.

4355/4655 Museology

Students experience working in museums under the guidance of a museum staff member and a faculty advisor. Six hours per week. (Museology may be taken for a total of six semester hours either as 4655 or taken twice as 4355). Prerequisites: Senior standing as an Art major with a minimum of 9 semester hours in Art History and permission of the Chair of the Art Department. (Fall, Spring)

4357 Advanced Projects in Photography

This course provides concentrated studio study with an emphasis on the pursuit and development of a strong, personal aesthetic statement and an individual approach to the use of the medium, including experimentation in

X. DESCRIPTION OF COURSES

multiple processes. 5 studio hours a week. May be repeated for credit. Prerequisite: ARTS 3360 or ARTS 3365. Fee. (Fall, Spring)

4360 Art Photography: Manipulated Images

In this course students study and create photographs altered by hand manipulation. This course will consider the history of manipulated images and the application of diverse techniques, including toning, selective toning, hand coloring, altering/scratching the negative, sequence composites, and cyanotypes. 5 studio hours a week. Fee. Prerequisite: ARTS 2357. May be taken as a CLST elective. (As needed)

4362 Advanced Projects in Sculpture

This course provides concentrated studio study with an emphasis on the pursuit and development of a strong, personal aesthetic statement and an individual approach to the use of the medium, including experimentation in multiple processes. Five studio hours a week. May be repeated for credit. Fee. Prerequisite: ARTS 3361 (As needed)

4365 Painting and Drawing the Human Figure

This advanced level course is designed to further strengthen painting and drawing skills. Emphasis is placed on the creative exploration of the human figure as subject matter. Five studio hours a week plus outside assignments. May be repeated for credit. Fee. (As needed)

4370 Advanced Projects in Drawing

Continuation of ARTS 2301 with more emphasis on individual specialization. 5 studio hours a week plus outside assignments. May be repeated for credit. Prerequisite: ARTS 2301. Fee. (Fall, Spring, Summer)

4371 Advanced Projects in Printmaking

This course provides concentrated studio study with an emphasis on the pursuit and development of a strong, personal aesthetic statement and an individual approach to the use of the medium of printmaking, including lithography and experimentation in various methods of printmaking. 5 studio hours a week. May be repeated for credit. Prerequisite: ARTS 3352. Fee. (Fall, Spring)

4380 Topics in Drawing

This course provides concentrated studio study on a topic in the discipline of drawing. Five studio hours per week plus outside assignments. May be repeated for credit as long as a different topic is addressed each time. Fee. (As needed)

4382 Topics in Painting

This course provides concentrated studio study on a topic in the discipline of painting. Five studio hours per week plus outside assignments. May be repeated for credit as long as a different topic is addressed each time. Fee. (as needed)

X. DESCRIPTION OF COURSES

4383 Topics in Printmaking

This course provides concentrated studio study on a topic in the discipline of printmaking. Five studio hours per week plus outside assignments. May be repeated for credit as long as a different topic is addressed each time. Fee. (as needed)

4385 Topics in Photography

This course provides concentrated studio study on a topic in the discipline of photography. Five studio hours per week plus outside assignments. May be repeated for credit as long as a different topic is addressed each time. Fee. (As needed)

4386 Topics in Ceramics

This course provides concentrated studio study on a topic in the discipline of ceramics. Five studio hours per week plus outside assignments. May be repeated for credit as long as a different topic is addressed each time. Fee. (as needed)

4387 Topics in Sculpture

This course provides concentrated studio study on a topic in the discipline of sculpture. Five studio hours per week plus outside assignments. May be repeated for credit as long as a different topic is addressed each time. Fee. (as needed)

4388 Internship in Photography

In this course students will acquire hands-on knowledge of professional photographic practices through internship with a professional photographer. Classes will take place at a photographic studio. Skills in the following topics will be refined: lighting, studio management, processing, printing, and digital photography. Six hours per week. Prerequisites: ARTS 1311, ARTS 2357, ARTS 3358, ARTH 3357, ARTS 3360 or 3365, and permission of the Chair of the Art Department. (as needed)

4389 Internship in Art in the Non-Profit Sector

In this course students will acquire hands on knowledge of professional practices in the art sector through internship with an arts professional at a for-profit or non-profit arts institution under the guidance of a faculty advisor. This course will provide training in the following areas: funding/finances, budgets, and grants writing; arts marketing and PR; curatorial practices, programming and program assessment; exhibition planning, installation, and labeling. Six hours per week. Prerequisites: ARTH 2361, ARTH 2362, and Senior standing as an art major as well as permission of the Chair of the Art Department. (Fall, Spring)

4390 Senior Capstone

In this course students will create a portfolio in a single discipline. Students will work individually with the instructor to identify their discipline concentration and determine the number of works to be made. Class time will consist of individual critiques of the work being made. Fee.

X. DESCRIPTION OF COURSES

Prerequisite: ARTS 4320 and senior standing as an art major or minor. (Spring)

4390H Honors Senior Capstone

This course requires students to study and critique exhibitions, examining the idea of the individual object, the object in series and in sequence. Reading and writing about contemporary art as well as participation in the art world through practical application are required. The culmination of this course will be the students' background research, creation, installation, exhibition and critique of their own artwork. Prerequisite: ARTS 1301, 1311, 2301, 2311, 2361, 2362, and Senior standing as an Art major. This course should be taken during the student's last year of undergraduate work. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

ATHLETIC TRAINING EDUCATION (ATHP)

(for program description see page 191)

1110 Injury Prevention Strategies

This course focuses on the development of athletic training knowledge, skills, and abilities regarding the prevention and care of injuries and conditions. Emphasis is placed on taping, bracing, splinting, and equipment fitting knowledge and skills needed by the athletic trainer in physically active settings. Pre-requisite: Admission to major, Signature required.

1211 Medical Terminology for Healthcare Professionals

This course focuses on the development of knowledge and understanding of basic medical terminology. Prefixes, suffixes, word roots, combining forms, special endings, plural forms, abbreviations, and symbols are included in the content. This course will also develop medical terminology according to particular areas of the body. Pre-requisite: None.

1310 Introduction to Patient Care

This introductory course focuses on the foundational development of knowledge, understanding, and clinical skills for safe practice in healthcare settings. Emphasis is placed on patient interaction, critical thinking, and practical skills in athletic training, rehabilitative, and healthcare settings. The course requires the student to complete external observation hours and laboratory activities. Pre-requisite: Admission to major, Signature required.

3280 Athletic Training Clinical Experiences II

This clinical course is designed to challenge students through directed study, case study, and active participation in clinical field experiences. Through the use of weekly in-class discussions, presentations, along with exposure of various clinical experiences the student will review, enhance, and refine the knowledge and clinical skills taught in professional coursework. This clinical course requires the student to work with a clinical

X. DESCRIPTION OF COURSES

preceptor which may entail experiences outside the traditional academic calendar. Pre-requisite: ATHP 3270.

2301 Emergency and Medical Aspects in Athletic Training

This course includes an in-depth investigation of emergency and medical aspects needed by the professional during the initial phases of physical injury and disease. This course offers an emphasis on the first aid and pre-hospital care of an injured and/or ill individual. The primary focus will be injuries and conditions that occur with participation in a physically active lifestyle. Pre-requisite: ATHP 1310.

2305 Functional Anatomy and Muscle Testing

This course includes an in-depth advanced review of anatomical and physiological processes needed by the professional to understand underlying tissues and movements from the standpoint of physical injury, assessment, and rehabilitation. This course offers a detailed review of each body segment related to athletes and the physically active; skeletal framework, articulation, musculature, innervation, and how each affects body position and movement during activity. Pre-requisites: BIOL 2321 and BIOL 2121.

2310 Orthopedic Injuries and Athletic Conditions

This course includes an in-depth look at orthopedic injuries and athletic conditions throughout the lifespan as they relate to the different systems of the body. Areas to be covered in the class include discussion of mechanism(s), common clinical signs and symptoms for injuries and conditions, the use of evidence based care plans, and the creation of differential diagnosis. Pre-requisites: BIOL 2321 and BIOL 2121.

2315 Evaluation Strategies for the Trunk and Lower Extremity

This course is an in-depth study and practice of techniques used in the assessment and analysis of injuries and conditions of the trunk and lower extremity. By recognizing the signs and symptoms and then performing and interpreting results of special tests, the student will develop methods with which to accurately evaluate and determine the extent of the injury sustained, and determine a clinical diagnosis. Pre-requisites: ATHP 2305 and ATHP 2310.

2320 Evaluation Strategies for the Head, Neck and Upper Extremity

This course is an in-depth study and practice of techniques used in the assessment and analysis of injuries and conditions of the head, neck, and upper extremity. By recognizing the signs and symptoms and then performing and interpreting results of special tests, the student will develop methods with which to accurately evaluate and determine the extent of the injury sustained, and determine a clinical diagnosis. Pre-requisite: ATHP 2315.

X. DESCRIPTION OF COURSES

2341 Pharmacological Concepts and Practice

This course covers the general principles and practice of pharmacology concepts as it relates to athletic training and rehabilitative settings. Emphasis is placed on pharmacological intervention, patient education, pharmacodynamics, and pharmacokinetics of drugs commonly prescribed to patients with active lifestyles. Pre-requisites: BIOL 2321, BIOL 2121, BIOL 2322 and BIOL 2122.

3120 Therapeutic Modalities Lab

The lab course focuses on integrating theoretical principles of therapeutic modalities into clinical practice in the treatment of orthopedic injuries and athletic conditions. The course reviews safe patient practice, evidence based research, as well as operational protocols used in clinical practice. Pre-requisites: ATHP 1310 and ATHP 2305. Co-requisite: ATHP 3320.

3130 Therapeutic Rehabilitation Lab

The lab course focuses on integrating theoretical principles of therapeutic exercise into clinical practice in the treatment of orthopedic injuries and athletic conditions. The course reviews safe patient practice, evidence based research, as well as operational protocols used in clinical practice. Pre-requisites: ATHP 1310 and ATHP 2305. Co-requisite: ATHP 3330.

3270 Athletic Training Clinical Experiences I

This clinical course is designed to challenge students through directed study, case study, and active participation in clinical field experiences. Through the use of weekly in-class discussions, presentations, along with exposure of various clinical experiences the student will review, enhance, and refine the knowledge and clinical skills taught in professional coursework. This clinical course requires the student to work with a clinical preceptor which may entail experiences outside the traditional academic calendar. Pre-requisites: ATHP 1110, ATHP 1310, ATHP 2305 and ATHP 2310.

3310 Pathology of Body Systems

This course covers the pathophysiology of prominent acute and chronic diseases of the major body systems. Students will study the interdependency of body systems and the conditions that affect human health and well-being. Other topics include common risk factors associated with these conditions, as well as their response to, and impact on, physical activity. Pre-requisites: BIOL 2321, BIOL 2121, BIOL 2322 and BIOL 2122.

3320 Therapeutic Modalities

This course focuses on the theory, principles, and physiological effects of various therapeutic modalities used in the treatment of orthopedic injuries and athletic conditions. The course will address evidence based physical, mechanical and electrical agents used in clinical practice along with non-traditional interventions. Pre-requisites: ATHP 1310 and ATHP 2310.

X. DESCRIPTION OF COURSES

3330 Therapeutic Rehabilitation

This course focuses on the theory, principles, and physiological effects of therapeutic rehabilitation used in the treatment of orthopedic injuries and athletic conditions. The course will address the use of evidence based clinical practice, the design and progression of interventions, assessment of interventions, and determination for return to participation and/or referral, along with non-traditional interventions. Pre-requisite: ATHP 3320 and PEHP 3355.

3340 Concepts in Organization and Administration

This course addresses the organizational and administrative aspects of athletic training program management for various employment settings. This course covers athletic health care administration and guidelines, human resource management, legal and ethical issues, financial and fiscal management, facility design, information management, professional development, and promotion of the athletic training profession. Pre-requisites: ATHP 2341, ATHP 3320 and ATHP 3330.

4191 General Medical Field Experience

This clinical course is designed to expose students to general medical conditions through directed observation and active participation in clinical field experiences. Through the use of weekly in-class discussions, presentations, and exposure of various clinical experiences, the student will review, enhance, and refine the knowledge and clinical skills taught in professional coursework. This clinical course requires the student to work with a clinical preceptor which may entail experiences outside the traditional academic calendar. Co-requisites: ATHP 2341 and ATHP 3310.

4270 Athletic Training Clinical Experiences III

This clinical course is designed to challenge students through directed study, case study, and active participation in clinical field experiences. Through the use of weekly in-class discussions, presentations, along with exposure of various clinical experiences the student will review, enhance, and refine the knowledge and clinical skills taught in professional coursework. This clinical course requires the student to work with a clinical preceptor which may entail experiences outside the traditional academic calendar. Pre-requisite: ATHP 3280.

4280 Athletic Training Clinical Field Experiences IV

This clinical course is designed to challenge students through directed study, case study, and active participation in clinical field experiences. Through the use of weekly in-class discussions, presentations, along with exposure of various clinical experiences the student will review, enhance, and refine the knowledge and clinical skills taught in professional coursework. This clinical course requires the student to work with a clinical preceptor which may entail experiences outside the traditional academic calendar. Pre-requisites: ATHP 4270.

X. DESCRIPTION OF COURSES

4310 Psychosocial Strategies and Referral

This course focuses on understanding the psychological and sociocultural factors relative to exercise, injury, inactivity, and rehabilitation following injury. Strategies for identifying problems, intervening, and making referral are presented. Performance issues, psychological disorders, and health/substance abuse concerns will be explored along with basic counseling skills. Pre-requisites: PSYC 1301, ATHP 2341 and ATHP 3310.

4320 Strength Training and Conditioning Prescription

This course focuses on the theory, principles, and physiological effects of strength training for athletic and sedentary populations. This course will be based on the principles, concepts, and guidelines for strength and conditioning according to the National Strength and Conditioning Association (NSCA). This course will prepare the student to apply the proper strength training and conditioning exercises based on goals, indications, contraindications, and physical evaluation of the individual. Pre-requisites: BIOL 2321, BIOL 2322 and PEHP 3350/3355.

4380H Honors Research Project

This course is a capstone research course designed for students involved in the university honors program. Students will explore the research process with a faculty mentor including design, review by the institutional review board, review of the pertinent literature, design of a research proposal, statistical analysis, and the preparation of either a manuscript or presentation. Pre-requisites: MATH 2303 or PSYC/SOCI/CRJU 3381, PSYC/SOCI/CRJU 3384, Signature required.

4388 Professional Internship

This course will introduce the student to various administrative tasks and skills the athletic trainer is faced with on a daily basis. The student will meet with professionals in the athletic training field under various off-campus situations and will discuss various athletic training philosophies and begin to gain experiences that allow them to exhibit entry-level behaviors and to develop consistent characteristics. Prerequisites: Program Director Approval (Fall, Spring).

4390 Capstone: Mock Testing and Professional Practice Preparation

This course provides the student direction for preparing and taking the Board of Certification and the Texas licensure examination(s) along with final steps for professional practice. This course emphasizes study habits and test taking techniques needed to be confident and successful on credentialing exam(s). The course will use mock like computerized and written tests along with oral practical tests. To complete this course, the student must take and pass the Board of Certification. Pre-requisite: Signature required.

X. DESCRIPTION OF COURSES

BIOLOGY (BIOL)

[Program Description, page 251]

1401 Diversity of Life and Laboratory

This course studies the diversity of living organisms, structure and function of plants and animals, ecology, and evolution. It provides a foundation for advanced courses in biology, but also serves as the sciences core requirement. Fee. (Fall, Spring, Summer)

1402 Unity of Life and Laboratory

This course studies the cellular and molecular biology of living organisms. Cell structure and function, metabolism and genetics are emphasized. It serves as a foundation for advanced courses in biology and is required for biology, nutrition, and pre-pharmacy majors. Prerequisite: MATH 1304. Fee. (Fall, Spring, Summer)

1403 Evolution, Ecology, and Biodiversity

This course covers principles of evolution, the diversity of living organisms, structure and function of plants and animals, and ecology. It is a foundation for more advanced courses in biology, and is part of a two semester sequence in biology for biology and other science majors. Prerequisites: MATH 1304. Fee (Fall, Spring). Biology 1401 and 1403 may not both be taken for credit.

2121 and 2122 Anatomy and Physiology Laboratory I and II

These lab courses support the corresponding lecture Anatomy and Physiology I and provides students with an opportunity to increase their understanding of human anatomy and physiology by observing and dissecting fresh and preserved materials, performing investigations of physiological processes, building models to aid in understanding the relation of structure to function, performing simple test to measure physiological processes. Fee. (Fall, Spring, Summer).

2321 Anatomy and Physiology I

This is a course covering the first half of a two semester sequence on the structure and function of the human organism. The purpose of this course is to familiarize students with the levels of organization; the relationship of structure to function; cell structure, growth, and metabolism; cell transport mechanisms; protection and temperature regulation; support and movement; and the integration and control functions of the human body. (Fall, Spring, Summer).

2322 Anatomy and Physiology II

This Anatomy and Physiology II is a course covering the second half of a two-semester sequence on the structure and function of the human organism. The purpose of this course is to familiarize students with the endocrine system, circulation, immunity, respiration, digestion, urinary system, homeostasis of acid, base, and fluids, reproduction, and development. Prerequisite: BIOL 2321. (Fall, Spring, Summer).

X. DESCRIPTION OF COURSES

2474 Introductory Microbiology

This course is designed for majors in Nursing and Nutrition. It describes microorganisms, their characteristics, isolation, growth, and application to public health, foods, and industry. Concurrent enrollment in 2474L, Introductory Microbiology Laboratory required. Prerequisite: CHEM 1302 or CHEM 1320. Fee. (Fall, Spring)

3390 Developmental Biology

This course is an upper division course for biology (or related) majors. This three-hour lecture course explores developmental biology at the cellular and molecular level. Readings will discuss classical concepts of development biology along with recent discoveries and ideas derived using biochemical, molecular, cellular, and genetic approaches. Emphasis will be on classical development model systems. Prerequisites: BIOL 1401 or 1403; BIOL 1402; CHEM 1302 and 1203L; and BIOL 3411 or 3461; with a grade of C or better for all prerequisite courses.

3410 Research in Soil Conservation and Laboratory

Soil Conservation involves the study of social, environmental, and economic value of soil, and the processes related to soil degradation. This course includes an examination of the basic principles of soil conservation and associated use of best management practices, and a study of the technological advances that can be utilized to keep our soil resources sustainable. Lecture and Laboratory. Fee. (Spring)

3411 Cell Biology

This course is intended to give the student an advanced understanding of structure and function at the cellular and molecular level. Discussions will include an interpretation of the dynamic processes of cells, including protein trafficking, signaling, and proliferation. Readings will discuss classical concepts of cell biology along with recent discoveries and ideas derived using biochemical, molecular, cellular, and genetic experimental approaches. Emphasis will be on eukaryotic and prokaryotic model systems. Concurrent enrollment in BIOL 3411L, Cell Biology Laboratory is required. Prerequisites: BIOL 1402 and CHEM 1302 with a grade of C or better. Fee. (Fall, Spring)

3430 Animal Physiology

This course studies the functional anatomy and physiological processes in animals by comparing different animal groups, evolutionary history of animals' phyla, structural adaptations of animals, and the relationship of these modifications to different habitat and environmental conditions. Prerequisite: BIOL 1402, CHEM 1302 or permission of the instructor. Fee. (Fall)

3442 Ecology and Laboratory

This course studies the biological and physical environments, and the dynamic relationships of populations and communities. Prerequisite: BIOL

X. DESCRIPTION OF COURSES

1402 and BIOL 1401 or 1403 or permission of the instructor. Fee. (Fall, Spring)

3461 Genetics and Laboratory

This course studies the principles of heredity and their application to model systems and biotechnology. Student-directed activities include case studies analysis, laboratory, and inquiry studies. Prerequisite: BIOL 1402 and CHEM 1302 or permission of the instructor. Fee. (Fall, Spring)

3471 General Microbiology

This course is designed for majors in Biology, Pre-Pharmacy, Nutrition and Vision Science. It presents the structure, metabolism, and molecular biology of microbial cells and viruses, especially those that cause human diseases, and the human immune response to infections. Prerequisite: BIOL 1402 and CHEM 1302. Fee. (Fall, Spring)

4151 Biochemistry Laboratory

This course is an introduction to the fundamental laboratory techniques, methods, instrumentation, and calculations used in Biochemistry laboratories, and amplifies material learned in Biochemistry lectures. Cross-referenced as CHEM 4151. Co-requisite: BIOL/CHEM 4351. Fee (Fall)

4190 Laboratory Assistant

This course provides students opportunities to assist in teaching laboratories or assist in laboratory research. Offered on an "as needed" basis. May be repeated for credit as topics vary. Students serving as a Laboratory Teaching Assistant are required to attend all laboratories. Students serving as a Laboratory Research Assistant are required to spend 3 hours per week for each course credit. Instructor signature required.

4192 Journal Club in Biology

This course is designed to cover a chosen topic of biology in-depth through student led presentation and discussion of recent literature in the field. The student is expected to have a strong grasp of the basic biological knowledge required to discuss the selected topic fully. Prerequisites: BIOL 1401 or BIOL 1403 and BIOL 1402 and selected upper division core courses which pertain to the field of study to be discussed. A grade of "C" or better recommended in course prerequisites. Offered on an "as needed basis."

4320 Neurobiology

This course offers an introduction to neuroscience. The course includes neuronal structure and physiology, neurotransmitter systems, sensory and motor systems, and behavior. Motivation, hormone action, and emotions are also covered. Prerequisites: BIOL 1402, CHEM 1302, and either BIOL 2321 or BIOL 3430. (Fall, even-numbered years).

X. DESCRIPTION OF COURSES

4344 Evolution and Systematics

This course examines classification principles, evolutionary patterns, mechanisms, and processes. The history and rules governing classification and nomenclature of organisms are also treated in detail. Prerequisite: BIOL 1402 and CHEM 1302 or permission of the instructor. (Spring)

4346 Human Evolution

This course covers human ancestry beginning with the origin of primates and continuing through all of the fossil forms of hominids, some of which led to modern humans. Particular attention is given to lifeways such as development of stone tool technology, use of fire and cooking, hunter-gatherer subsistence, and eventually agriculture based on staple crops and domesticated animals. The evolution of language and the molecular genetics of human populations are explored. Prerequisites: BIOL 1402 and CHEM 1302 or permission of the instructor.

4351 Biochemistry I

This course is the first part of a two course sequence covering introductory Biochemistry, and studies the structure and function of key biomolecules (proteins, lipids, and nucleic acids), enzymes, membranes, and molecular biology. Note that concurrent enrollment in CHEM/BIOL 4151 is not required for enrollment in CHEM/BIOL 4351. Prerequisites: CHEM 2312 and BIOL 1402 (or equivalents) with grades of C or higher. (Fall, Spring)

4352 Biochemistry II

This course is the second part of a two course sequence covering introductory Biochemistry, and studies the structure and function of carbohydrates, bioenergetics, intermediary metabolism, and the role of enzymes, vitamins, and cofactors in metabolism. Cross-referenced as CHEM 4352. Note that concurrent enrollment in CHEM/BIOL 4151 is not required for enrollment in CHEM/BIOL 4352. Prerequisites: CHEM/BIOL 4351 (or equivalents) with grades of C or higher. (Fall, Spring)

4370 Molecular Biology

This course presents the structure, expression, replication, and recombination of nucleic acids (DNA and RNA) and the interaction of nucleic acids with proteins. Current Current techniques for analysis of nucleic acids are discussed. Prerequisites: BIOL 3411 Fee. (Fall, odd-numbered years)

4375 Medical Microbiology

This course presents the mechanisms of host defense, pathogenesis, and antimicrobial therapy. Medically important viruses, bacteria, fungi, protozoa, helminthes are surveyed. Characteristics of infectious diseases are examined. Prerequisite: BIOL 3471 (Spring, Even-numbered years)

X. DESCRIPTION OF COURSES

4377 Research in Behavioral Physiology

This course is an upper division research course for biology majors. We will cover the physiology and behavior of electric fish, focusing on the South American knifefish. Students will read assigned scientific research papers for background information, design experiments, prepare research proposals and carry out their experiments working in groups. They will also analyze and report their results in the form of a final research paper and oral presentation. Instructor permission required. Fee. (Spring, odd numbered years)

4380 Virology

This course presents the structure, replication, and properties of viruses, especially those that cause diseases in humans including AIDS and some types of cancer. The course has an emphasis on the many different types of viral replication based upon their nucleic acid genomes. The use of molecular techniques for the analysis of viruses is presented. Vaccinations, chemotherapies, and the host immune response to viral infections are discussed. Prerequisite: BIOL 3471. (Fall, even-numbered years).

4385 Immunology

This course presents the function of the immune system with regard to innate immunity, the recognition of foreign antigens, the development and function of lymphocytes, and the health consequences of immune failure. Prerequisites: BIOL 3471 and either BIOL 2322 or BIOL 3430. Fee. (Spring, odd-numbered years)

43RCH Honors Biology Research

This course applies biological studies, research protocols and analytical methods to a research project that includes gather of data, analysis and interpretation of results, and presentation of findings. This course should be taken during the student's last year of undergraduate work. This course is restricted to students in the UIW Honors Program and is not repeatable for credit. Fee.

4420 Vertebrate Zoology and Laboratory

This course studies the evolutionary history and patterns of distribution of vertebrates and their structural and behavioral adaptations. Prerequisite: BIOL 1402 and CHEM 1302 or permission of the instructor. Fee. (Spring, even-numbered years).

4430 Animal Behavior and Laboratory

This course in an upper division course for biology (or related) majors that covers the evolution of animal behavior. Topics covered include the development of behaviors, control and organization of behavior, and the evolution of behaviors related to survival, feeding, communication, reproduction, parental care and sociality across a wide variety of animal taxa. Laboratory exercises will reinforce concepts presented in the lecture. Prerequisite: BIOL 1401 or 1403. Fee. (Spring, odd-numbered years)

X. DESCRIPTION OF COURSES

4450 Entomology and Laboratory

This broad survey of sub disciplines within entomology covers beneficial and harmful aspects of insects, including production of silk and honey, agricultural pests, household and structural pests, and those insects that are of medical and veterinary importance because they transmit disease. The toxicology of insecticides and pest management by biological control will be studied. Prerequisite: BIOL 1402 and CHEM 1302 or permission of the instructor. Fee. (Fall)

4460 Research in Water Quality

Applied biological and hydrological studies of the stream and associated flood plain environment including plant and macro-invertebrate survey, stream flow analysis, water chemistry and applications of Geographic Information systems (GIS) for accurate mapping and detailed field data recording. Evaluation of current and potential point and non-point sources of water pollution and introduction into environmental impact analysis. Prerequisites: Senior level Biology, Chemistry, Environmental Science majors. Other students must have permission from the instructor and at least 18 credit hours of introductory and advance course work in Biology, or Chemistry, or Geology. Fee. (Fall)

4473 Parasitology and Laboratory

This course is an upper division elective course designed for biology majors. It is a four-hour combined lecture/laboratory course that explores parasitic organisms with emphasis on those that are etiological agents of human disease or that are of particular economic importance. The ecological aspects of parasitism, modes of transmission, host - parasite interactions, medical implications and methods of control and prevention will be discussed. The laboratory component will focus on the structure and identification of major groups of protozoan, helminthic and arthropod parasites. Prerequisite: BIOL 1401 or 1403 and junior or senior standing. Fee.

4480 Research in Behavioral Endocrinology

This course offers an introduction to the study of hormones and behavior. The course will cover the endocrine system, and how hormones affect behavior from the level of individual neurons, to complex behaviors of an entire organism. Also covered will be different classes of hormones and their actions in a variety of organisms, with particular attention to current research models. The accompanying laboratory is mandatory and will incorporate recent research articles as students participate in experimental design and data analysis. Prerequisites: BIOL 1402, CHEM 1302, and either BIOL 2322 or BIOL 3430. Fee. (Fall, odd numbered years)

4498 Independent Studies in Molecular, Cellular or Organismal Biology

Offered on an "as needed" basis. Prerequisite: Permission of the instructor. Fee.

X. DESCRIPTION OF COURSES

4499 Selected Topics

Offered on an "as needed" basis. May be repeated for credit when topics vary. Fee

BUSINESS: ACCOUNTING (ACCT)

[Program Description, page 179]

2301 Accounting for Non-Business Majors

An introduction to financial and managerial accounting with special emphasis on the use of accounting products. (Fall, Spring)

2311 Principles of Accounting I

The basic principles, concepts, and methods used in the generation of accounting data for financial statement preparation and interpretation. Asset, liability, and owner's equity valuation and their relationship to income determination. (Fall, Spring)

2312 Principles of Accounting II

Continuation of ACCT 2311, but with emphasis on the use of accounting information for management planning, leading, controlling, and decision making through budgeting, cost and variance analysis, and responsibility accounting. Prerequisite: ACCT 2311. (Fall, Spring)

3311 Intermediate Accounting I

This course is a comprehensive study of current practices in business communications designed with a goal of teaching the principles of business communications to accounting majors who desire to become CPAs. topics include: communicating at work; communication, culture, and work; verbal and nonverbal messages; listening; interpersonal skills; interviewing; types of interviews; working in teams; effective meetings; developing the presentation; organizing your ideas; verbal and visual support in presentations; and delivering the presentation.

3311 Intermediate Accounting I

Principles underlying financial statements and accounting theory. Prerequisite: ACCT 2312. (Fall)

3312 Intermediate Accounting II

Continuation of ACCT 3311; accounting theory and special accounting problems. Prerequisite: ACCT 2312 (Spring)

3313 Cost Accounting

Cost determination and cost accounting systems for planning and control. Prerequisite: ACCT 2312. (Fall, Spring)

X. DESCRIPTION OF COURSES

3315 Federal Income Tax I

Introduction to income tax theory with special emphasis on the problems of individuals. Prerequisite: ACCT 2311. (Fall, Spring)

3316 Taxation of Entities

The basic principles, concepts and methods used to obtain an understanding of income taxation of corporations, partnerships, estates and trusts. Prerequisite: ACCT 2311. (Spring)

3317 Accounting Systems

Introduction to computerized systems used to process accounting transactions. Prerequisites: ACCT 2312 and MIS 2321. (Fall)

3318 Fraud Examination

How and why occupational fraud is committed, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved. (Spring)

3319 Internship in Accounting

Practical experience in professional accounting through monitored work. Prerequisites: minimum 3.0 GPA; 12 hours in accounting and permission of instructor. (Fall, Spring, Summer)

3321 Advanced Federal Income Tax

Advanced Federal Income Tax focuses on U.S. taxation beyond the basic taxation issues, concepts, research and practices. Prerequisite ACCT 3315. (Spring)

3345 International Accounting

A survey of the financial accounting, managerial accounting, and tax problems of multinational organizations. Prerequisites: ACCT 2312, and BINT 3331. (Fall)

4311 Advanced Accounting

Consolidations and consolidated financial statements, inter-company and branch transactions, partnerships and definitions of terms in the accounting equation. Prerequisite: ACCT 3311 and ACCT 3312. (Offered by arrangement. See the Graduate Bulletin, ACCT 6340).

4313 Accounting for Non-Profit and Government Entities

Accounting, financial reporting, and budgeting for governmental and other nonprofit organizations. Prerequisite: ACCT 2311. (Offered by arrangement. See the Graduate Bulletin, ACCT 6342).

4314 Auditing

Auditing theory, professional ethics, audit programs, and professional reports. Prerequisite: ACCT 3311 or ACCT 3312. (Fall, Spring)

X. DESCRIPTION OF COURSES

4318 Ethics for Accounting and Business

Examination of social problems and the role of business in their solution. Includes ethical reasoning, integrity, objectivity, independence, other core values and Rules of Professional Conduct of the accounting profession. Prerequisite: Junior Standing. (Offered by arrangement. See the Graduate Bulletin, ACCT 6318).

BUSINESS: FINANCE (BFIN)

[Program Description, page 181]

3310 Principles of Financial Planning

This course introduces students to the principles of financial planning. The topics reviewed include: the financial planning process, consumer protection laws, personal financial statements, cash flow management, budgeting, credit, financing, as well as saving for different types of families and cultures, ethics in financial planning, and introduction to the CFP board and its standards for practice. Prerequisites: ACCT 2311 and ECON 2302. (Fall)

3319/3619 Internship in Banking

Practical experience in the banking industry through monitored work experience. Prerequisites: minimum 3.0 GPA; 12 hours in BFIN and permission of instructor. (Fall, Spring)

3321 Principles of Financial Management

Basic financial concepts employed by management. Emphasis is on the decision-making processes followed by corporate financial managers. Topics include the time value of money, financial planning, capital budgeting, cost of capital. Prerequisite: ACCT 2311, ECON 2301, and ECON 2302. (Fall, Spring)

3322 Intermediate Financial Management

Examination of financial theory and practice. The course goes into more depth on topics covered in principles of financial management. Prerequisites: BFIN 3321. (Spring)

3324 Investment Planning

An introduction to the concepts, terminology and theory of investment management. Emphasis is placed on the investment activities of individuals and small businesses as they apply to portfolio management. Prerequisite: BFIN 3321. (Spring)

3325 Money and Capital Markets

The study of financial markets including the role of financial institutions and the supply and demand for funds. There is particular emphasis on U.S. markets and institutions including the supply and demand for funds. Prerequisites: BFIN 3321. (Fall)

X. DESCRIPTION OF COURSES

3326 Risk Management and Insurance

This course introduces students to the fundamental principles of risk management and insurance. The topics reviewed include: principles of insurance, risk management exposure, the process of risk management, legal aspects of insurance, insurance needs and analysis, and insurance policy selection. Course material concentrates on personal insurance lines, including life and casualty. The students will apply the knowledge acquired to analyze insurance needs for different types of households. Prerequisites: BMGT 3370. (Fall)

3329/3629 Internship in Finance

Practical experience in financial operations through monitored work experience. Prerequisites: minimum 3.0 GPA; 12 hours in BFIN and permission of instructor. (Fall, Spring)

3340 Financial Management of Non-profit Organizations

Examination of the financial and economic issues facing a non-profit organization including the time value of money, grant development and fund raising, loans, cash management and planning and budgeting. Prerequisites: ACCT 2311 (As needed).

3355 International Banking and Finance

International business transactions, sources of funding, relationship with international financial institutions and capital instruments. Relates international business funding to national and commercial development. Prerequisites: BINT 3331, and BFIN 3321. (Fall, Spring) Cross-listed with BINT 3355

4304 Management of Financial Institutions

Application of the philosophies, methods, procedures and techniques required of bank managers in a turbulent, deregulated environment. Prerequisites: BFIN 3321 (Spring)

4310 Estate Planning

This course introduces students to estate planning techniques. Topics reviewed include: property titling, methods of property transfer at death, estate planning documents, strategies for gifting and charitable transfers, incapacity planning, power of appointment, trusts, business transfer techniques, fiduciaries, and tax implications of estate planning. Prerequisites: BFIN 3326. Cross-listed with BLAW 4310. (Fall)

4315 Retirement Planning and Benefits

This course introduces students to the different retirement plans and benefits available for individuals. Topics reviewed include: Social Security, defined benefit retirement plans, defined contribution retirement plans, group insurance, employee benefit, qualified retirement plans, retirement plan for businesses, and retirement needs analysis. Prerequisites: BMGT 3340 and BFIN 3321. (Spring)

X. DESCRIPTION OF COURSES

4381 Financial Planning Capstone

This course provides students with the skills and abilities necessary to deliver professional and competent financial planning services. The course focuses on applying previously acquired knowledge in the areas of insurance, investments, tax planning, retirement, benefits, and estate planning. The material concentrates on financial planning case studies for different types of households. The students will also work with client(s) in a controlled classroom setting and will prepare a comprehensive financial plan for them. This course is for Financial Planning students only and substitutes for BMGT 4381. Prerequisite: BMGT 4380.

BUSINESS: BUSINESS LAW (BLAW)

3317 Business Law

General principles of Business Law to include contracts, torts, agency, business organizations, and government regulation of business. (Fall, Spring)

4310 Estate Planning

This course introduces students to the estate planning techniques. Topics reviewed include: Property titling, methods of property transfer at death, estate planning documents, strategies for gifting and charitable transfers, incapacity planning, powers of appointment, trusts, business transfer techniques, fiduciaries, and tax implications of estate planning. Prerequisite: BLAW 3317 and BFIN 3326. Cross-listed with BFIN 4310. (Spring)

4320 International Business Law

International Business Law as it affects international business transactions. Topics may include: international trade law, environmental and labor regulation, trade agreements, international organizations, investment and finance, human rights and ethical conduct, regulation of multinational enterprises. Prerequisite: BLAW 3317 (Fall, Spring) Cross-listed with BINT 4320.

4340 Employment Law

This course covers federal and state public policy and law regulation, human resource practice, issues in ethics, and employment discrimination law. Prerequisite: BLAW 3317. (As needed)

BUSINESS: ECONOMICS (ECON)

2301 Principles of Macroeconomics

Introduction to economics and the economy. Monetary and fiscal policies of the Federal government as means of achieving full employment without inflation. Alternate macroeconomic approaches to current issues. (Fall, Spring, Summer)

X. DESCRIPTION OF COURSES

2302 Principles of Microeconomics

Continuation of ECON 2301. Theory of product markets and resource markets. Alternate market structures are identified and evaluated, and policy for dealing with them is debated. Market theory used to develop policy for current economic problems. Prerequisite: ECON 2301. (Fall, Spring, Summer)

3325 Econometrics

The application of statistical and mathematical methods to the analysis of economic data, with a purpose of giving empirical content to economic theories and verifying or refuting them. Hypothesis testing, multiple regression analysis, Ordinary Least Squares Estimation (OLS), lagged variables, logarithms and exponential functions, the specification and selection of models, diagnostic checking and recent developments in estimation techniques. Prerequisites: ECON 2301, ECON 2302, and BMGT 3370. (Spring)

3340 Public Finance

Economic role of governments. The choice of public sector output in a free market economy. The effects of various taxes on resource allocation, income distribution and economic stabilization. Development finance. Prerequisites: ECON 2301 and ECON 2302 (Fall)

4310 International Economics

Introduction to the theory of international trade. Causes, benefits, and costs of trade. The foreign exchange market as a facilitator of trade. The balance of payments as a record of trade. Emphasis on current policy issues confronting the U.S. and its trading partners. Prerequisites: ECON 2301 and ECON 2302. (Fall) Cross-listed with BINT 4310.

4350 Latin American Economics

Description of the socio-economic reality of Latin America. The evolution of development strategies from the Maya to the present. Current issues including international trade, structural reform, migration, debt, and the Asian crisis. Policy implications for government and business. Prerequisites: ECON 2301 and ECON 2302 (Spring)

BUSINESS: INTERNATIONAL BUSINESS (BINT)

[Program Description, page 186]

3319/3619 Internship in International Business

Practical experience in international operations through directed and monitored work experience. Arrangements with instructor must be made 60 days prior to registration. Prerequisites: minimum GPA: 3.0; 12 hours in BINT and permission of instructor. (Fall, Spring, Summer)

X. DESCRIPTION OF COURSES

3331 International Business Management

Analysis of business opportunities and political climates, trade barriers, government incentives, currency flow and financial systems and trade practices. Emphasis on current issues and readings. (Fall, Spring)

3340 Experiential Learning in Europe

This course is designed to facilitate the integration of the study abroad experience into a student's academic material and program of study. Signature of Study Abroad coordinator required.

3345 International Accounting

A survey of the financial accounting, managerial accounting and tax problems of multinational organizations. Prerequisites: ACCT 2312, BINT 3331. (Fall) Cross-listed with ACCT 3345.

3355 International Banking and Finance

International business transactions, sources of funding, relationship with international financial institutions and capital instruments. Relates international business funding to national and commercial development. Prerequisites: BINT 3331 and BFIN 3321. (Fall, Spring) Cross-listed with BFIN 3355.

3361 International Marketing

Analysis of international markets and opportunities for the international organization and the independent business person. Emphasis is on the use of data for analyzing market potential, support services of freight and insurance, and international currency movement. Discussion of current international situations, which create market potential. Prerequisite: BINT/BMKT 3331. (Fall, Spring) Cross-listed with BMKT 3361.

4310 International Economics

Introduction to the theory of international trade. Causes, benefits, and costs of trade. The foreign exchange market as a facilitator of trade. The balance of payments as a record of trade. Emphasis on current policy issues confronting the U.S. and its trading partners. Prerequisites: ECON 2301 and ECON 2302. (Fall) Cross-listed with ECON 4310.

4320 International Business Law

International Business Law as it affects international business transactions. Topics may include: international trade law, environmental and labor regulation, trade agreements, international organizations, investment and finance, human rights and ethical conduct, regulation of multinational enterprises. Prerequisite: BLAW 3317 (Spring) Cross-listed with BLAW 4320.

4340 International Entrepreneurship

Analysis of international business opportunities and practical entrepreneurial issues associated with taking a small/medium-sized business into global markets. The focus is on those businesses related to

X. DESCRIPTION OF COURSES

exporting and importing products and services. Prerequisites: BINT 3331 International Business Management. (Fall)

4360 Cross Border

Develops practical skills necessary for a small business owner to transact business in Mexico and Canada by providing opportunities to experience the border trade process firsthand. Includes fact-finding work to examine trade services in Laredo, San Antonio, and Mexico. Prerequisites: BINT 3331 International Business Management. (Fall)

4380 Importing and Exporting

An analysis of the importing and exporting processes, sources of supply, market potential, currency implications, government regulations, and current issues affecting the importing and exporting processes. Prerequisite: BINT 3331 (Spring) Cross-listed with BMKT 4380.

4390 International Policies and Relations

Concentrated course offered in a host country to expose students to current trade policy issues and international relations. May include Embassy speakers, visits to factories, seminars with trade specialists or study-abroad experiences. Course may be repeated for additional credit when country focus is different. Fee. Prerequisite: BINT 3331. (Spring)

BUSINESS: MANAGEMENT

[Program Description, page 187]

3319/3619 Internships in Management

Practical experience in management through monitored work experience. Prerequisites: minimum GPA of 3.0 and permission of instructor. Internships can only replace elective courses, not required courses. (Fall, Spring, Summer)

3340 Management Theory and Practice

Introduction to the theories, concepts and functions of management. Topics include planning, organizing, leading, staffing, controlling, business and managerial ethics and decision-making. (Fall, Spring, Summer)

3354 Human Resource Management

Theories and concepts used in managing business personnel. Topics include: personnel planning, employment law, selection, compensation, labor relations, and performance appraisal. Prerequisites: BMGT 3340 and Junior standing. (Spring, Fall)

3370 Business Statistics

Introduction and application of statistical analysis in a business context. Topics covered in the course include: Descriptive Statistics, Discrete Probability Distributions, Continuous Probability Distributions, Sampling Methods, Confidence Intervals, and Hypothesis Testing. Prerequisite:

X. DESCRIPTION OF COURSES

MATH 1304 or equivalent with a grade of C or better. (Fall, Spring, Summer)

3371 Management Science

Introduction and application of Management Science models used in the analysis of operational process. Course topics include: Optimization Models, Forecasting, Markov Analysis, Decision Theory, PERT/CPM Models, Inventory Analysis, and Queue Theory. Prerequisite: BMGT 3370. (Fall, Spring, Summer)

3380 Business Communication

This course will examine various types of business correspondence and the application within business organizations. Course content will include the processes involved in writing effective customer correspondence, manuals/procedures/protocols, new employee orientations, performance documentation and proposals. Analysis of business correspondence will be explored in the context of organizational strategy and managerial decision making.

4315 Retirement Planning and Benefits

This course introduces students to the different retirement plans and benefits available for individuals. Topics reviewed include: Social Security, defined benefit retirement plans, defined contribution retirement plans, group insurance, employee benefit, qualified retirement plans, retirement plan for businesses, and retirement needs analysis. Prerequisites: BMGT 3340 and BFIN 3321. (Spring)

4340 Management Skills

Course provides students with fundamental skills and insights necessary for success. Course design is based on learning through experience, and is directed toward student involvement in developing and practicing job-relevant managerial skills. The material is presented in the form of self-assessments, in-basket exercises, and skill-building exercises. Prerequisite: BMGT 3340. (Fall, Spring)

4345 Entrepreneurship/Small Business Management

Comprehensive study of management activities associated with entrepreneurial ventures and small businesses. Topics include analysis of opportunities, development of venture strategy and small business problem solving. Student teams may act as consultants to small businesses. Prerequisite: completion of business core and Senior standing (Fall)

4346 Systems and Quality Management

Comprehensive study of organizational processes, quality methodologies, the systems perspective and operational issues. As part of the course students will work in a team to evaluate the processes of an organization and suggest process improvements. Prerequisites: BMGT 3340 and BMGT 3370. (Spring)

X. DESCRIPTION OF COURSES

4351 Seminar in Business and Society

Comprehensive study of relevant business topics in organizations and the environment in which they operate. Emphasis is on the analysis of business-society problems and issues and the formulation of appropriate managerial solutions. Prerequisites: completion of business core or permission of instructor and Senior standing. (Fall and/or Spring)

4355 Organizational Behavior

Presentation of theory and research in Organizational Behavior (O.B.) combined with experiential exercises to develop students' ability to take responsibility for making and living with decisions about their behavior in an organizational context. Awareness of the realities of organization interdependencies and their consequences for individuals, dyads, groups, teams, and organizational systems. Focus is on modifying behavior and predicting the effects upon productivity, satisfaction, and development of individuals as members of the business unit. Prerequisite: BMGT 3340. (Fall, Spring)

4356 Fundamentals of Organizational Change and Development

This course introduces the discipline of Organizational Development (O.D.), including definitions, values, ethics and O.D. as a normative process. Change theory and practice and the role of the change agent/O.D. professional are examined. Traditional O.D. interventions and current applications of O.D. thought are surveyed. The course is experiential in nature and incorporates an action research project. (Spring)

4363 Electronic Business Strategy, Architecture and Design

This course provides an introduction to electronic business strategy and the development and architecture of electronic business solutions and their components. Prerequisites: MIS 2321, BMGT 3340. (Fall) Cross-listed with MIS 4363.

4370 Project Management

This course provides an introduction to the skills and knowledge necessary for the effective and efficient management of projects. Specifically, this course will examine the technical and behavioral aspects of managing the scope, timing, budgets, and resources of a project. Prerequisite: MIS 2321 and BMGT 3371. (Fall) Cross-listed with MIS 4370.

4373 Operations Management

This course will provide an introduction and application of operations management models. Course topics include: operations management for products and services, value chains, measuring operations management performance, operation strategies, technology in operations management, process design, supply chain design, resource management, and operational quality control. Prerequisites: BMGT 3340 and BMGT 3370 (Spring only)

X. DESCRIPTION OF COURSES

4380 Integrative Business Analysis and Decision Making I

Initial Capstone course designed to prepare students for a rigorous examination of their ability to apply their undergraduate education across the entire spectrum of business management and decision making as required in the second phase of the Capstone experience. Students are introduced to the analytical process required to develop strategic options for decision-making in each of the functional areas of business. Prerequisites: All 2000 and 3000 level business core courses as listed in the degree plan, however, BINT 3331 and BLAW 3317 can be taken concurrently. (Fall, Spring, Summer)

4381 Integrative Business Analysis and Decision Making II

The final Capstone experience during which the student demonstrates his/her competency in applying the knowledge gained in the respective degree programs. This course integrates the concepts, theories, and skills learned in other business disciplines through analysis and development of corporate strategy and policy. Additionally, students will prepare for employment in the business environment. Prerequisite: All 2000 and 3000 level business core courses and BMGT 4380. (Fall, Spring, Summer)

4390 Business Ethics

This course will examine ethical issues in the context of business theory and practice. Course content will include the examination of ideas and perspectives in the field of business ethics and extend these ideas/perspectives to administrative practice and decision making. Focus will be to expand capacity for moral inquiry, dialog, and decision making in ways that will be useful in professional and civic lives.

43RCH Management Honors Research

This course serves as a capstone experience for those Honors students majoring in Business Administration with a concentration in Management. Students will conduct an in-depth examination of a research topic developed in conjunction with and approved by the departmental faculty. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

BUSINESS: MANAGEMENT INFORMATION SYSTEMS (MIS)

[Program Description, page 185]

2321 Introduction to Information Systems

Theory, concepts, methods, and practice in the application of information systems management, methods and technologies to achieve business goals and objectives. (Fall, Spring)

2325 Information Management Application

Concepts, methods, and practice in the effective use of end-user productivity software and integration of desktop products. (Fall, Spring)

X. DESCRIPTION OF COURSES

3319 Internship in IS

Practical experience in IS through a monitored work experience. Application must be made 60 days prior to registration. Prerequisites: minimum GPA of 3.0, 12 hours in MIS and instructor permission required. (Fall, Spring, Summer)

3362 Systems Analysis and Specification

This course will teach students to accomplish preliminary investigation, feasibility assessment, systems analysis and specification of business requirements for databases and information systems. Prerequisites: MIS 2321 (Fall)

3363 Design and Implementation of Databases and Systems

A continuation of topics introduced in MIS 3362. Students will have supervised experience in designing, developing, testing, documenting and implementing business databases and information systems. Prerequisite: MIS 3362. (Spring)

3367 Networks and Telecommunications

Basic telecommunications terminology and concepts. Introduction to voice and data networks, including technology, hardware, and software. Prerequisites: MIS 2321. (Spring)

4310 iOS Application Development and Management

This course introduces students to the iOS application development skills that are highly needed by contemporary business organization. This class is highly focused on Objective-C programming and Xcode management for iOS application development.

4320 Android Application Development and Management

This course introduces students to the Android application development skills that are highly needed by contemporary business organizations. The course is highly focused on Java programming and Eclipse management for Android application development.

4363 Electronic Business Strategy, Architecture and Design

This course provides an introduction to electronic business strategy and the development and architecture of electronic business solutions and their components. Prerequisites: MIS 2321 and MIS 3340. (Fall) Cross-listed with BMGT 4363

4370 Project Management

This course provides an introduction to the skills and knowledge necessary for the effective and efficient management of projects. Specifically, this course will examine the technical and behavioral aspects of managing the scope, timing, budgets, and resources of a project. Prerequisite: MIS 2321 and BMGT 3371. (Fall) Cross-listed with BMGT 4370.

X. DESCRIPTION OF COURSES

4373 Operations Management

This course will provide an introduction and application of operations management models. Course topics include: operations management for products and services, value chains, measuring operations management performance, operation strategies, technology in operations management, process design, supply chain design, resource management, and operational quality control. Prerequisites: BMGT 3340 and BMGT 3370 (Spring only)

BUSINESS: MARKETING

[Program Description, page 188]

3319 Internship in Marketing

Practical experience in marketing through monitored work experience. Prerequisite: minimum 3.0 GPA; 12 hours in BMKT and permission of the instructor. (Fall, Spring)

3331 Principles of Marketing

Introductory course providing comprehensive coverage of marketing concepts and strategies. A managerial approach is used that focuses on the practices, problems and decisions of the marketing manager. May be taken as a Cultural Studies elective. (Fall, Spring)

3333 Integrated Marketing Communications

The study of advertising and other promotional mix activities from an integrated marketing communications (IMC) perspective. Emphasis is on understanding the role of IMC in the overall marketing process and in the creation and maintenance of a branding strategy. Topics include brand positioning, the communication process, budgeting, creative strategy, media planning, the various IMC communication tools, and measuring and evaluating the effectiveness of the IMC program. Prerequisite: BMKT 3331. May be taken as a Cultural Studies elective. (Fall, Spring)

3334 Service Marketing

Marketing concepts and strategies as they relate to the service organization; growth of the service economy; nature and characteristics of service organizations, problems and opportunities posed by these characteristics and the development of effective marketing strategies. Prerequisite: BMKT 3331. (Fall and Spring)

3335 Sales Management

Strategic planning, execution, and evaluation of the sales function within an organization. Emphasis is on territory design, performance, and evaluation. Compensation and sales force training are also analyzed. Prerequisite: BMKT 3331. (Fall)

X. DESCRIPTION OF COURSES

3340 Retailing

A survey of retail institutions and their environments, resources, and markets; review of the planning, purchasing, procurement and promotion functions; discussions on fundamental structural changes in consumer purchasing patterns and their effects on retailing. Prerequisite: BMKT 3331 May be taken as a Cultural Studies elective. (Fall and Spring)

3355 Internet Marketing

This course examines the role that the Internet plays as an indispensable business tool in marketing, including identifying relevant emerging business models and strategies and the integration of the Internet with traditional marketing tools. Prerequisite: BMKT 3331.

3357 Social Marketing

This course examines issues of social responsibility in business and society and how marketing theory, principles, and techniques may be used to promote more socially conscious and responsible consumers and business practices.. Prerequisite: BMKT 3331.

3361 International Marketing

Analysis of international markets and opportunities for the international organization and the independent business person. Emphasis is on the use of data for analyzing market potential, support services of freight and insurance, and international currency movement. Discussion of current international situations, which create market potential. Prerequisite: BINT/BMKT 3331. (Fall, Spring) Cross-listed with BINT 3361.

3365 Product Design and Brand Management

This course explores the process used to develop, measure, and manage effective brand strategies through the use of design. Focus will be on design in the product life-cycle from new product development to mature brand revitalization and management. The course will cover brand essence development, market research to support and focus brand management, and the implementation of design-based brand strategies. Prerequisite: BMKT 3331

3377 Consumer Behavior

An overall view of the basic perspectives of consumer behavior, this course uses an interdisciplinary approach that integrates the fields of economics, education, psychology, sociology and anthropology as they relate to marketing and buyer behavior. Prerequisite: BMKT 3331. (Fall, Spring) May be taken as a Cultural Studies elective.

4375 Market Research

A study of qualitative and quantitative research procedures and techniques utilized in marketing research projects. Practical application of procedures and techniques is emphasized through class research projects in problem definition, questionnaire design and sampling techniques. Prerequisites: BMKT 3331 and BMGT 3370 . (Fall, Spring)

X. DESCRIPTION OF COURSES

4380 Importing and Exporting

An analysis of the importing and exporting processes, sources of supply, market potential, currency implications, government regulations, and current issues affecting the importing and exporting processes. Prerequisite: BINT 3331. (Spring) Cross-listed with BINT 4380.

4390 Marketing Management

Investigation of the decision-making process of the marketing manager, using the case method. Focus is on the management of the marketing function, strategy formation, execution and control. Prerequisite: BMKT 3331. (Fall, Spring)

43RCH Marketing Honors Research

This course serves as a capstone experience for those Honors students majoring in Business Administration with a concentration in Marketing. Students will conduct an in-depth examination of a research topic developed in conjunction with and approved by the departmental faculty. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

CHEMISTRY (CHEM)

[Program Description, page 254]

1203L Chemical Principles Laboratory

This course offers laboratory experiments chosen to illustrate concepts taught in the lecture. This course is equivalent to the CHEM 1101/1102 laboratories. Must be taken concurrently with CHEM 1302. Co-requisite CHEM 1302. Fee.

1301/1302 Chemical Principles I and II

This course studies fundamental laws and theories of chemistry: the modern concept of the atom, atomic structure and periodic properties of the elements, kinetic-molecular theory, states of matter, solutions, acids, bases, and salts, oxidation-reduction, equilibrium, thermodynamics, electrochemistry, nuclear chemistry, bonding. Must be taken in sequence. Prerequisite for CHEM 1301: MATH 1304 with a grade of C or higher; Prerequisite for CHEM 1302: CHEM 1301 with a grade of C or higher.

1310 Biological Chemistry I

This course studies fundamental principles of chemistry related specifically to allied health sciences. The topics include chemical and physical changes, atoms and molecules, gases, solids, and liquids, chemical bonding, reactions, kinetics and equilibrium, acids and bases and an introduction to nuclear chemistry. Does not satisfy the core science requirement or chemistry requirements for degree programs in biology, chemistry, nutrition, environmental science, medical technology, or nuclear medicine. Prerequisite: students with bridging math requirement for MATH 0318 must complete it before registering for this course.

X. DESCRIPTION OF COURSES

1320 Biological Chemistry II

This course is an introduction to organic and biological chemistry to topics related to allied health science. The course also includes a laboratory component (1320L) that includes hands-on laboratory experiments on concepts on general, organic and biochemistry. Does not satisfy the core science requirements or chemistry requirements for degree programs in biology, chemistry, nutrition, environmental science, medical technology, or nuclear medicine. Prerequisite: CHEM 1310 with a grade of C or higher. Fee.

1405 Science in Everyday Life

This course will provide an understanding of basic chemical principles and the role which chemistry plays in everyday life topics including water and air pollution, ozone depletion, global warming, acid rain, plastics and energy sources. Not open to students who have received credit for or are concurrently enrolled in CHEM 1301. Students must enroll both in lecture and laboratory sections. Fee.

2111 Organic Chemistry Laboratory I

The first in a two-semester sequence, this laboratory provides students with training in basic organic chemistry laboratory skills such as melting point determination, recrystallization, extraction, distillation, thin-layer and gas chromatography, and their applications to chemical reactions. Students will also practice and refine their scientific writing skills. Prerequisite: CHEM 1302 and CHEM 1203L with a grade of C or higher. Co-requisite: CHEM 2311. Fee.

2112 Organic Chemistry Laboratory II

In the second semester of this laboratory sequence, students carry out a variety of organic chemistry reactions that complement and supplement the material covered in the second semester lecture course. Students will also learn basic spectroscopic techniques used to analyze reaction products and other organic chemicals, including infra-red, nuclear magnetic resonance, and UV-vis spectroscopies. Prerequisite: CHEM 2111 with a grade of C or higher. Co-requisite: CHEM 2312. Fee.

2311 Organic Chemistry I

An introduction to structure, nomenclature, conformations, reactions, and mechanism is provided in this course. Core concepts in chemical bonding, acid-base reactions, resonance and inductive effects, functional group transformations, and stereochemistry are covered. Prerequisite: CHEM 1302 and CHEM 1203L with a grade of C or higher.

2312 Organic Chemistry II

Organic Chemistry II builds upon the foundations established in Organic Chemistry I. A wide variety of functional group transforming reactions are covered, especially in the context of synthesis. Each class of reactions and the functional groups they involve are supported with nomenclature and relevant properties. An introduction to spectroscopy and spectrometry,

X. DESCRIPTION OF COURSES

including infra-red and nuclear magnetic resonance spectroscopies and mass spectrometry, is also included. Prerequisite: CHEM 2311 and CHEM 2111 with a grade of C or higher.

3421 Quantitative Analysis and Laboratory

This course presents the classical chemical methods of analysis including gravimetric and volumetric analysis, statistical treatment of data, separations. Experiments illustrate techniques and methods discussed in the lecture. Prerequisites: CHEM 1301, 1302, and 1203L with grades of C or higher. Fee.

3441 Inorganic Chemistry

This course will provide an understanding of inorganic chemistry with an emphasis on the fundamental principles behind reactivity. Emphasis is on both description and theory of inorganic substances. Studies include atomic structure, ionic and covalent bonding, acid-base concepts of inorganic substances, structure, bonding, thermodynamics, and reaction mechanisms of transition metal complexes. Prerequisites: CHEM 2311 with grades of C or higher.

4101 Seminar

This course provides the opportunity for guest lecturers, readings, reports, and discussion on topics of chemical interest. Up to 3 semester hours credit may be designated for this course. In this course, students apply principles learned in lectures. Prerequisite: CHEM 2312 and 2112. Permission of advisor required. Fee.

4151 Biochemistry Laboratory

This course is an introduction to the fundamental laboratory techniques, methods, instrumentation and calculations used in Biochemistry laboratories, and amplifies material learned in Biochemistry lectures. Cross-referenced as BIOL 4151. Co- or prerequisite: CHEM / BIOL 4351 (or equivalent). Fee.

4160/4260 Advanced Chemical Research

These courses allow the student to study a chemistry problem independently and to prepare a written report based on the investigation. Must be taken for a minimum of 2 semesters. Credit hours will vary between 1 and 3 hours depending on the work performed. Prerequisites: CHEM 2312 and CHEM 2112 and permission of the instructor. Fee.

4331 Specials Topics in Organic Chemistry

This course presents advanced topics in organic chemistry which build on and expand those covered in Organic Chemistry I and II (CHEM 2311, 2312), including stereochemistry, molecular orbital theory, reaction mechanisms, and synthesis. Topics will vary depending on the instructor's area(s) of expertise and specialization. May be repeated for credit when topics vary. Permission of advisor and instructor required. Prerequisites: CHEM 2312 with a grade of C or higher.

X. DESCRIPTION OF COURSES

4351 Biochemistry I

This course is the first part of a two course sequence covering introductory Biochemistry, and studies the structure and function of key biomolecules (proteins, lipids, and nucleic acids), enzymes, membranes, and molecular biology. Cross-referenced as BIOL 4351. Note that concurrent enrollment in CHEM / BIOL 4151 is not required for enrollment in CHEM / BIOL 4351. Prerequisites: CHEM 2312 and BIOL 1402 (or equivalents) with grades of C or higher.

4352 Biochemistry II

This course is the second part of a two course sequence covering introductory Biochemistry, and studies the structure and function of carbohydrates, bioenergetics, intermediary metabolism, and the role of enzymes, vitamins, and cofactors in metabolism. Cross-referenced as BIOL 4352. Note that concurrent enrollment in CHEM / BIOL 4151 is not required for enrollment in CHEM / BIOL 4352. Prerequisites: CHEM / BIOL 4351 (or equivalent) with a grade of C or higher.

43RCH Honors Chemistry Research

This course allows the student to conduct independent research in chemistry under the supervision of a member of the department, resulting in a written honors thesis. Research topics are offered in selected areas of analytical, inorganic, organic, physical chemistry, and biochemistry. This course is restricted to students in the UIW Honors Program. Prerequisites: CHEM 2312 and 2112 with a C or better.

4422 Instrumental Analysis and Laboratory

This course studies basic electronics, electrochemistry; spectroscopic methods of analysis including IR, UV-Vis, NMR, atomic absorption and emission; gas and liquid chromatography. It also offers laboratory problems utilizing procedures covered in the lecture. Prerequisite: CHEM 3421 with a grade of C or higher. Fee. (Spring)

4431 Physical Chemistry I Thermodynamics

This lecture and laboratory course examines the physical chemistry of matter and its chemical behavior covering: equations of state, laws of thermodynamics, ideal and nonideal solutions, phase equilibria, thermodynamics of chemical reactions and kinetics. Laboratory experiments are chosen to demonstrate concepts taught in the lecture. Prerequisite: CHEM 1301, 1302, and 1203L with grades of C or higher; 6 semester hours of calculus (MATH 2312 and 2313), with grades of C or higher; and 8 semester hours of Calculus based Physics (PHYS 2305 and 2105, PHYS 2306 and 2106), with grades of C or higher. Fee. (Fall)

4432 Physical Chemistry II Quantum Mechanics

This lecture and laboratory course examines the physical chemistry of matter and its chemical behavior covering: fundamental principles of quantum mechanics, exactly soluble model problems, electronic structure of atoms and molecules, spectroscopy. Laboratory experiments are chosen to

X. DESCRIPTION OF COURSES

demonstrate concepts taught in the lecture. Prerequisite: CHEM 1301, 1302 and 1203L with grades of C or higher; 6 semester hours of calculus (MATH 2312 and 2313), with grades of C or higher; and 8 semester hours of Calculus based Physics (PHYS 2305 and 2105, PHYS 2306 and 2106), with grades of C or higher. Fee. (Spring)

COMMUNICATION ARTS (COMM)

[Program Description, page 235]

1100 Orientation to Communication Arts

This course gives students a foundation for beginning studies in the Department of Communication Arts. It will focus on the history of the department, its philosophy, its four-and five-year degree plans, its concentrations and its faculty as well as help equip students to plot their course from matriculation to graduation at this university. (Every semester)

1301 Introduction to Mass Communication

This course studies the nature and function of mass communication systems. Includes the history, structure, and interrelationships of the components of mass media, as well as the relationship between media and society. This class is a prerequisite to other classes for Communication Arts majors. May be taken as a Cultural Studies elective. (Every semester)

1305 Computer Literacy for Communication Arts

This course introduces basic computer terminology skills and concepts in communication. The student receives hands-on experience in file management techniques, Internet and e-mail software, online library databases and software, word processing and presentation software, spreadsheet and database management software. Media software and communication applications will be emphasized. This course meets the computer literacy requirements for Communication Arts majors. Fee. (Every semester)

2315 Writing for the Media

An examination and practice of the types of writing that are produced in the media arena. In this course, the emphasis is on style, structure, and techniques involved in print journalism, copywriting, broadcast journalism, public relations writing, and scriptwriting. Prerequisites: COMM 1301, ENGL 1311 (Every semester)

2320 Audio Production I

This class introduces the student to audio production theory and technique. The course focuses on sound aesthetics and values while providing an overview of traditional analog sound production and audio equipment. It is an introduction to desktop audio and the digital audio workstation which includes an introduction to Protools or other editing software. Radio station production will be required. Fee. Prerequisite: COMM 1301. (Every semester)

X. DESCRIPTION OF COURSES

2343 Convergent Media I

This course covers the historical and present theories and practices of the field, in addition to the development of new media technologies in the future. Prerequisite: COMM 1305. (Fall)

2354 Journalism I

This class explores the fundamentals of writing news for print and electronic media with an emphasis on newspaper journalism. Class focus will be on story organization, leads, style, clarity, conciseness, attribution, balance, objectivity, etc. Prerequisite: COMM 1301 (Every semester)

2357 Photography I

In this course, students apply the principles of design in black and white photography. This class offers instruction in the use of the camera and darkroom equipment. 35mm camera required. May be taken as a Cultural Studies elective. Recommended: ARTS 1311. Fee. (Fall, Spring, and Summer)

2360 Video Production I

Topics in this class explore the theory and technique of video production with an emphasis on remote location and electronic news gathering (ENG). Projects include news and feature stories, as well as commercials and music video. Fee. Prerequisite: COMM 1301 (Fall)

3310 Theories of Communication

A survey of past and current trends in communication theory. The class emphasis is on perspectives found in social science and cultural studies. May be taken as a Cultural Studies elective. Prerequisite: COMM 1301. (Every semester)

3317 Diversity in the Media

This course explores diversity and its role in the media, including the influence of various political, social, gender, race, class, age and economic factors in the makeup of those in the news media, decisions involved in media coverage and what various media - including newspapers, radio stations, TV stations, web sites, ads, sitcoms, dramas, documentaries and movies - portray about various peoples and topics on a historical and cultural basis. May be taken as a Cultural Studies elective. Prerequisite: COMM 1301. (Fall, even years)

3320 Aesthetics of Vision and Sound

This class explores the theory and principles of sight and sound values that relate to media production. It involves examination of color, light, space, time-motion and sound. Prerequisite: COMM 1301. May be taken as a Cultural Studies elective. Recommended: ARTS 1311. (Fall)

3325 Writing the Script

This class explores the principles, techniques, and practice of script preparation. This course focuses on commercial and promotional writing for

X. DESCRIPTION OF COURSES

radio/television, including script formats, verbal to visual style, budgets, and presentation skills. Prerequisite: COMM 1301. (Spring)

3330 Impact of Media on Society

This course is an intensive study of the influence and interplay of media on various aspects of our culture. Topics may include the socio-economic and physiological effects of media, and the imagery and impact of advertising. Topics will vary each semester. May be taken as a Cultural Studies elective. Prerequisite: COMM 1301. (Spring)

3335 Bilingual Journalism

This course is designed as a comprehensive approach to learning the fundamentals of journalism. Bilingual Journalism will get you writing and reporting quickly and confidently in a bilingual setting. Prerequisite: COMM 1301. (Fall, even years)

3340 New Media Narratives

New Media Narratives explores the relationship between new media and narrative story telling. The course explores the history, the present, and future of story telling and how it has evolved over time. Prerequisite: COMM 1305. (Spring, odd years)

3353 Broadcast Journalism

In this class, students learn the principles of writing, editing, and presenting television news. It incorporates an overview from newsroom organization to basic television news gathering and studio production. Prerequisites: COMM 1301, 2315. Recommended: COMM 2354, 3360. Fee. (Summer, odd years)

3354 Journalism II

In this class, the fundamentals of gathering and reporting information for the news media are analyzed. The class emphasis will be on gathering facts, observation, interviewing, and research. The course includes an advanced news-writing component. Prerequisites: COMM 1301, 2354. (Spring)

3355 Publications Practicum

This class gives students practical experience working for the Logos. Students will design, write, and publish the University newspaper. Course may be repeated for elective credit. Prerequisite: COMM 1301. (Every Semester)

3358 Digital Photography

Digital photography is a process for creating images using the controlled reactions of light and a photo-electric microchip followed by computer manipulation. This is a studio art/graphic production course providing the student an opportunity to explore the contemporary uses of digital photography in artistic and graphic design production. Fee. (Every semester)

X. DESCRIPTION OF COURSES

3360 Video Production II

This course offers an examination of the theory and techniques of video production including scriptwriting, production management, camera operation, basic lighting design and set design. Emphasis is placed on studio production. Fee. Prerequisites: COMM 1301. Recommended: COMM 2360. (Spring)

3365 Multimedia Design and Production

This class provides students with the basic production technology necessary to design and create multimedia. Students will be given the opportunity to learn various tools concentrating on different aspects of the technology: text, graphics, audio, video and website technology. Through developing their own multimedia, students will explore how this technology can be used in society as a communication tool for education, industry and media production. Fee. Prerequisites: COMM 1301 and COMM 1305, (Spring)

3370 Organizational Communication and Leadership

This course explores organizational communication and leadership. It emphasizes the interpretive, critical and cultural approach in organizational life and leadership development. Course may be taken as a cultural studies elective or upper division elective in other disciplines. The course may not be repeated for credit. Prerequisites: COMM 1301 or permission of instructor. (Fall, even years)

3380 Announcing/Performance

In this class, students will explore announcing techniques for radio and on camera performance. It includes news casting (anchoring, reporting and interviewing), commercial talent, on-camera acting, and casting sessions. Emphasis is placed on individual performance and evaluation using professional scripts and video playback. Radio station production will be required. Fee. Prerequisites: COMM 1301. Recommended: COMM 3360. (Summer, even years)

3390 Radio Practicum

This class gives students practical experience working for the campus radio station. Students will manage, promote, produce, and broadcast on the radio station. Course may be repeated for elective credit. (Every semester)

3395 Television Practicum

This class gives students practical experience working for the UIW-TV, the campus television station. Students will manage, promote, produce, and broadcast on the television station. Course may be repeated for elective credit up to six credits. Fee. (Every semester)

4110H Media and Communication Workshop

This course is a workshop designed to prepare honors students for formal public presentation of their research or creative projects. The

X. DESCRIPTION OF COURSES

workshop will prepare students for successful presentations through instruction in and application of public speaking and the use of electronic media. Prerequisites: the honors student must be in the spring semester of his or her senior year and have successfully completed the research or creative project in his or her major. This course is restricted to students in the UIW Honors Program.

4305 Communications, Technology, and Society

This class provides an introduction to new technology and explores the ramifications of the use of that technology and its impact on current culture. This course will help students to critically explore the new forms of communication and their effects on the societal dynamics, which fiber optics, satellites, teleconferencing, the Internet and personal computing have forged in our culture. May be taken as a Cultural Studies elective. Prerequisite: COMM 1301 (Spring, odd years)

4315 Media Ethics

This class examines media standards and employs case studies, text, and discussion sessions. It is designed to help students develop their own standards concerning the communication arts. Topics include censorship, free speech, government regulations, and media accountability. May be taken as a Cultural Studies elective. Prerequisite: COMM 1301. (Every semester)

4320 Issues and Trends in Bilingual Communication

This course is a survey of the factors which affect bilingual mass communications in the United States with emphasis on the South Texas regional market. Prerequisites: COMM 1301 or permission of instructor.

4322 Seminar in Selected Film Topics

This class offers discussion and study of various topics in cinematography and the film industry. Content will include screen artists (specific directors, producers, screenwriters, and cinematographers), as well as film genres, content analysis, and the business of the film industry. May be taken as a Cultural Studies elective. Prerequisite: COMM 1301. (Fall)

4325 Global Media Studies

This course introduces the leading issues in the study of global media and focuses on the dynamic transformations in various media in a broad global and comparative context. This course explores the socio-historical, political-economic and textual forces which shape media culture in local and global environments. This course is required for Media Studies concentration student. This course may not be repeated for credit. Prerequisites: COMM 1301 or permission of instructor. (Fall, odd years)

4328 Internship

This course offers academic credit earned through practical experience. Students work part time in the professional media with the guidance of an

X. DESCRIPTION OF COURSES

on-site supervisor. Minimum 140-160 hours of work required. Prerequisite: 75 credit hours. May be repeated once for credit. (Every semester, including summer))

4332 Law and the Media

This class is an introduction to law and policy related to mass communication. Libel, privacy, news gathering, and broadcast regulations are explored. Prerequisites: COMM 1301, 2315 and 3310. (Every Semester)

4335 News and Feature Editing

The objective of this class is to edit news and feature stories for clarity, conciseness, correctness, thoroughness, fairness, and style. Other topics covered include exercising news judgment using headline writing, and visual aspects of news presentation. Prerequisite: COMM 1301. (Summer)

4340 Design, Layout and Print Production

This class features principles and Application of graphics used in the Communication arts professions. It examines design, layout, paste-up and typography of graphics, both fundamental and current trends. Fee. Prerequisites: COMM 1301, COMM 1305. Recommended: ARTS 2311

4343 Convergent Media II

This course explores the impact and potential of journalism via new electronic media. The purpose of this course is to teach students how to gather news and present stories through multiple media platforms. Students will learn the basics of gathering and disseminating news and the technology of multiple media platforms. Prerequisites: COMM 1301, 2315, and 2354 or permission of instructor. (Spring)

4347 Social Media

This course explores the impact and potential of publishing via new electronic media. Students will become familiar with a variety of on-line publications, will learn about the similarities and differences between electronic and other forms of publishing, and will practice the non-linear writing and design techniques required for electronic publishing. Prerequisite: COMM 1301 COMM 1305, or permission of instructor. Fee. (Fall)

4348 Journalism History

This class explores the role and the evolution of journalism including the influence of various political and economic changes in journalist practices, and the role of journalism in society. It also covers the history and evolution of various technologies used to present the news. May be taken as a Cultural Studies elective. Prerequisite: COMM 1301. (Fall)

4349 Electronic and Digital Writing

This course will familiarize students with multiple digital platforms used in journalistic and electronic writing practices to gather and disseminate

X. DESCRIPTION OF COURSES

information. This course will explore theories, practices and experience of digital writing. Students will learn various strategies to enhance skills through various digital platforms including blogging, podcasting, wiki authoring, writing e-zine articles and new online newspaper websites along with other forms of new media such as digital video and image production. This is a required course for the journalism concentration. Prerequisites include COMM 1305, COMM 2354, and COMM 3354 or permission of instructor. May not be repeated for credit. (Spring)

4350 Photojournalism

This class focuses on principles techniques required in photojournalism. It combines the critical analysis of famous photojournalists with the practice of the technical aspects of making a photographic essay. Prerequisite: COMM 1301, 2357. May be taken as a Cultural Studies elective. Fee.

4351 Advanced Digital Editing and Production

This course focuses on non-linear digital audio and video editing with an emphasis in hands-on production, DVD production, creating files for new technologies, and creating special effects. Students will spend considerable lab time outside the classroom. This course is an elective for Production Track students. Production and advanced editing students are encouraged to take this course. The course may not be repeated for credit. Prerequisite: COMM 1301, 2360, and 3360 or permission of instructor. Fee.

4355 Magazine Article Writing

This course offers practice in writing magazine articles with emphasis on marketing manuscripts. It focuses on magazine article genres and development of individual styles. Prerequisite: COMM 1301 and 2315. (Spring)

4358 Producing/Directing Seminar

This course emphasizes pre-production elements, production management, production values and development of directing techniques. Practical training is taught through individual production projects that require a comprehensive approach. It includes a critical analysis of professional directors' interpretations as well as professional producers' approaches. Fee. Prerequisites: COMM 1301 and 2360, or permission of instructor. (Spring)

4375 Public Relations

This course covers all forms of writing for public relations including press releases, public service announcements, features, magazine queries, securing television and radio interviews, coverage memos, media alerts, trade press releases, backgrounders, and public relations presentations. Students will have exposure to all writing required for a Public Relations career. Prerequisite: COMM 1301, COMM 2315, or permission of instructor. This course may not be repeated for credit.

X. DESCRIPTION OF COURSES

4380H Honors Communication Arts Capstone

The Honors Capstone class is offered to Communication Arts majors who are following the Honors track program of study. This course is part of the University of the Incarnate Word Honors Program Curriculum. It is designed, in addition to fulfilling disciplinary and UIW Core objectives, to require students to think deeply about what it means to be human. Enrollment is restricted to students who have been accepted into, and are in good standing in this program. The honors student will take this course in his or her senior year.

4390 Senior Portfolio

This course covers the building of an electronic portfolio (DVD or CD-ROM). The course emphasizes the preparation of a multimedia or print portfolio for professional development and evaluation. This is the capstone course for the Communication Arts undergraduate degree. Should be taken in the final semester. Prerequisites: Senior standing. Fee. (Every semester)

4399 Selected Topics

This course is an investigation of an issue or topic of current interest in the communication arts. Topics will vary each semester. It may include projects or productions. Prerequisite: COMM 1301.

4628 Extended Internship

This course offers additional credit hours to those students having to do in-depth internship hours beyond those of COMM 4328. Students work part-time in the professional media with the guidance of an on-site supervisor. Minimum 280-320 hours of work required. Experience in a current position within the media field may be considered towards fulfillment of required work hours. Experience must constitute equivalency toward a media internship. Permission of the instructor and the Chair of Communication Arts is required. Prerequisites: 75 credit hours. (Every semester, including summer)

COMPUTER INFORMATION SYSTEMS (CIS)

[Program Descriptions, page 241]

1301 Computer Information Systems

Introduction to hardware, operating systems, applications, networks, and users. Overview of the development and uses of computer information systems and their global impact. Exposure to programming, databases, computer security, website development, telecommunications, and Web trends. Hands-on experience with file management, word processing, spreadsheet, presentation, and Internet application software. Investigation of how computer information systems are used on campus and how to use them effectively for library research. Substitutes for the computer literacy Core requirement. Fee. (Fall, Spring)

X. DESCRIPTION OF COURSES

2328 Hardware and Systems Software

Assemble a microcomputer from its hardware components and learn about how hardware operates and interacts. Learn how to select hardware for a small business or home system. Fee. (Fall, Spring)

2330 Programming Languages I

Learn programming design and development emphasizing structured programming techniques. Typical language is Visual C++. Learn to plan and create simple, useful program codes behind graphical user interfaces (windows) for use as standalone programs or applications macros. Learning programming reveals the type of coding behind all software and teaches logic and attention to detail. Fee. (Fall, Spring)

2335 Network +

Learn networking essentials, including media and topologies, protocols and standards, implementation, and support. Learn about how computers, communications software, and networking components such as hubs, switches, and routers work to allow computers and other resources such as printers to communicate on a peer-to-peer/workgroup local area network (LAN). Construct and test a working classroom-sized LAN. Fee. (Fall, Spring)

2340 Windows Operating Systems

Learn about the role of Microsoft operating systems in supporting the computer user and applications in working with hardware, including input/output devices, memory and file system management, graphical user interfaces, system performance, and security. Develop skills to install, configure, and administer Windows operating systems on stand-alone and client computers. Fee. (Fall, Spring)

2350 UNIX/Linux Operating Systems

Learn about the Linux operating system, including processes, memory and file system management, multi-user concepts, use of system editors, basic commands and shell scripts. Develop skills necessary to install, configure and administer various Linux operating systems on stand-alone and client computers, with an emphasis on working in the command line environment. Fee. (Fall, Spring)

2368 Website Development I

Overview of the characteristics and issues associated with professional Web page and website design for a variety of audiences. Hands-on experience with website design and development of Web pages and sites using xHTML and CSS. Fee. (Fall, Spring)

3310 Database Management Systems

Learn the concepts of database management systems with a special emphasis on relational database system concepts, architecture and the use of structured query language (SQL) to process information. Develop practical database systems for applications. Fee. (Fall)

X. DESCRIPTION OF COURSES

3319 Internship in CIS

Practical experience in CIS through a monitored work experience on or off campus. 140 hours of work with a supervisor in a job requiring use of computer information systems. Prerequisites: 12 hours of CIS courses, and approval of the CIS coordinator. (Fall, Spring, Summer)

3330 Programming Languages II

Continuation of CIS 2330, with an emphasis on object-oriented programming methodologies and advanced language features: Fee. Prerequisite: CIS 2330 or equivalent (Spring)

3340 Client-Server Networking

Overview of the concept of client-server networking and hands-on experience with installing different network operating systems, creating and administering domains, troubleshooting, and expanding domains. Introduction to computer network security. Fee. Prerequisite: CIS 2335 and either 2340 or CIS 2350. (Fall)

3355 Cloud Computing

Exploration of the technologies, characteristics and issues associate with the concept of cloud computing and its implementation in a variety of organizations. Hands-on experience with creating, managing and securing a private cloud. Fee. Prerequisite: CIS 2335, and either CIS 2340 or CIS 2350 and either CIS 2330 or CIS 2368. (Spring)

3360 Computer Science

Overview of computer information systems in context with other fields of computer study. Introduction to subjects in computer science not covered in depth in CIS, including computer architecture, discrete structures, intelligent systems, and human-computer interface. Fee. (Spring)

3362 Systems Analysis and Design

Learn to conduct analysis of how computer information systems can assist to in performing activities to fulfill the mission of an organization, including preliminary investigation, feasibility assessment, systems analysis, and specification of requirements. Learn about how systems are designed, developed, tested, implemented, and maintained. Fee. (Spring)

3365 Website Development II

Continuation of Website Development I, exploring the characteristics and issues associated with professional Web page and website design for a variety of audiences. Hands-on experience with advanced features of HTML5 and CSS3, JavaScript and other scripting languages used to create interactive websites. Includes an introduction to the use of, installation of and configuration of Content Management Systems. Fee. Prerequisite: CIS 2368 (Spring)

X. DESCRIPTION OF COURSES

3367 Networks and Telecommunications

Learn about all sizes and types of communications networks ranging from personal area to world-sized networks, including their development, usage, and global impact. Learn how signals are created, about media and multiplexing techniques, and about error creation, detection, and handling. Learn how wireless networks, cell phones, the Web, and the Internet work. Fee. (Fall, Spring)

3380 Emerging Web Technologies

Overview of emerging Web technologies with computer components, exploring their background technology, current and future usage, impact and other considerations. Student teams research topics they discover or are assigned and present their findings to the class for discussion. Recent topics included augmented reality, 3D printing, robotics, exoskeletons, social media, virtual reality and worlds, gamification, human-brain interfaces, nanotechnology, and autonomous vehicles.. Fee. (Fall).

4190 Seminar in Computer Information Systems

The course is designed to help students nearing graduation to successfully enter today's rapidly changing information technology field through learning about existing and emerging technologies, practices, and issues, learning from those who employ IT about their experiences, and learning about how best to transition from the full-time student environment to the full-time working world. Fee. Prerequisite: Senior standing. May be taken up to twice for credit. (Spring)

4310 Management of Technology

Learn about tactical level management of information system resources. Topics include facility management, planning and budgeting, help desk management and customer service. Fee. Prerequisites: six hours of upper division CIS courses or permission of the instructor. (Spring)

4330 Object Oriented Programming

Overview of the concept of object orientation in computer programming. Hands-on experience with C++, Java, and other modern object-oriented programming languages. Fee. Prerequisite: CIS 2330 or equivalent. (Fall)

4340 Windows Systems Security

Overview of the concepts and practices in the field of computer systems security, including business drivers, physical and software security, assessment, fraud, cyberterrorism, information warfare, social engineering and other topics. Fee. Prerequisite: CIS 2340 or CIS 2350. (Fall)

4370 Computer Network Security

Hands-on experience with hardware, operating system, network, and software security practices. Understand how people use computer networks in inappropriate and illegal ways and ways to counter their activities. Fee. Prerequisite: CIS 3340. (Spring)

X. DESCRIPTION OF COURSES

4375 Creating Dynamic Websites

Exploration of the characteristics and issues associated with database integration into professional Web pages and websites designed for a variety of audiences. Hands-on experience with PHP and scripting languages used to incorporate databases and interactive features within Content Management Systems used to create Web pages with dynamic content. Fee. Prerequisite: CIS 3365. (Fall)

4380 Virtual Environments

Overview of isolated and networked technologies designed to enable users to communicate with each other and with artificial intelligence-driven avatars. Hands-on immersive experience with several of these technologies plus discussion of users, current and future uses and impacts, avatar and object representation and interaction, and establishment of internal communities and economies. Fee. Prerequisite: Junior or senior standing (Spring)

4390 CIS Capstone

Student will integrate and apply concepts, knowledge, and skills gained in CIS courses and a chosen specialization to research, develop, exhibit, and present an original individual project that demonstrates mastery of computer information systems technologies, usages, and issues at the undergraduate level. Fee. Prerequisite: three required courses in the chosen specialization. (Spring)

4399 Special Topics in Computer Information Systems

Concepts, issues, and hands-on experience (as applicable) with new computer information systems technologies and applications. Fee. Offered as technologies and applications emerge.

COMPUTER GRAPHIC ARTS

[Program Description, page 240]

1302 Digital Imaging and Texture Painting

This studio/lecture course is an extensive exploration of image manipulation and texture painting tools. Both architectural and character 3D assets will be textured using both 2D and 3D texturing tools. Both photorealistic-based texture creation and illustrative texture painting will be covered in the contexts of animation and game design. Textures interplay within a shader framework will be explored. Prerequisite: ANGD 1301

1321 Character Modeling

This studio/lecture course is an introduction to organic modeling for both high-resolution (TV/Film/Advertising) and game-resolution assets. Focus will be on anatomy and appropriate topology to create dynamic, engaging, and animatable characters. UV layout for organic forms will be introduced. Fee.

X. DESCRIPTION OF COURSES

2311 3D II: Animation

This studio/lecture course covers basic 3D animation techniques. Emphasis on keyframe animation, hierarchical motion, inverse kinematics, morphing and camera motion. Topics include historical overview and theoretical analysis of digital 3D animation. Fee. Prerequisite: CART 2301

3301 3D Animation III: Narrative Animation

This studio/lecture course covers narrative 3D computer animation. Emphasis on storytelling, continuity, virtual cinematography, and digital editing. Topics include historical overview and analysis of 3D special effects in cinema and video. Fee. Prerequisite: CART 2311.

3307 Online Technologies, Simulations, and Games I

This studio/lecture course covers the core technologies of online communication and virtual environments (including 3D games). Basic HTML and other web-based protocol forms the foundation. Virtual environments and game levels will be created and published online. This course will provide students the tools to publish their work online. Fee. Prerequisite: CART 3301

3311 3-D Animation IV : Character Animation

This studio/lecture course covers 3D character animation. Emphasis on the creation of a detailed character with personality and complex, expressive movement. Topics include historical overview and analysis of 3D animated characters in cinema and video. Fee. Prerequisite: CART 3301

3315 Visual Narrative Conventions

This lecture course applies the concepts in visual literacy towards understanding core concepts of narrative structure. How to create mood and message through lighting, music framing, composition, and duration will be analyzed through film vocabulary, cinematic technique observation, and film history overviews. Fee. Prerequisite: ANGD 1301, 1311, 1302, 2311

3321 History of Animation

This lecture course is a survey of the history of animation and special effects. Overview includes traditional, experimental, and digital media. Emphasis is placed on the history of US animation; however, international animation will also be covered extensively.

3330 Concepting Workshop

This lecture/studio course focuses on the design process as it is used to enhance creative visual communications. Emphasis will be placed on thoroughly exploring multiple solutions through drawing and on critical analysis needed to develop ideas into successful and refined design solutions. Student will use a combination of drawing techniques, problem solving methods and verbal/visual ideation. Prerequisite: CART/GDSN 3300 (Summer)

X. DESCRIPTION OF COURSES

3340 Production I

This studio/lecture course is the first in a two-course series (along with ANGD 3350, Production II) in which a complete narrative project or game is conceived, designed, produced and submitted for festival consideration. This project is done by one student who completes all aspects of the piece. It is the cumulation of technical skills gained through the first two years of the ANGD curriculum. Fee. Prerequisite: ANGD 2341, 2311

3365 Product Design and Brand Management

This course explores the process used to develop, measure, and manage effective brand strategies through the use of design. Focus will be on design in the product life-cycle from new product development to mature brand revitalization and management. The course will cover brand essence development, market research to support and focus brand management, and the implementation of design-based brand strategies. Prerequisite: BMKT 3331

4100 Commercial Arts Seminar

This lecture course services as an introduction to the trends of the business. It includes presentations by professional digital artists, business people, and vendors. Also includes research projects to increase awareness of digital media source information. Must be taken 6 times for 3D Animation; Must be taken 5 times for Graphic Design.

4210 Dynamic Web Design

This studio/lecture course will cover topics such as how to integrate databases into a website using basic markup, scripting languages, and service-side programming. The course will focus on both original programming practices as well as using existing content management systems (CMS). Prerequisite: CART 3300

4307 Online Technologies, Simulations, and Games II

This studio/lecture course creates a fully functional 3D game to be distributed online. This will include modeling, texturing, and animating the game level, characters, and other assets. this course will cover basic game programming to allow for true functionality of the game. This game will be distributed online. Fee. Prerequisite: CART 3307

4320 Web I: Introduction to Web Design (Bridge)

Basic Web Design for transfer students. This studio/lecture course covers Internet web page design, web page animation and related graphic design issues including mark-up languages, web sites, Internet access software, and interactive topics. Fee. Prerequisites: CART 1301, 1302, 1380, and 1390.

X. DESCRIPTION OF COURSES

COMPUTER GRAPHIC ARTS

[Program Description, page 240]

4340 3D Animation I Bridge: Modeling

This studio/lecture course covers basic 3D modeling and rendering techniques for transfer students. Emphasis on building and modifying 3D geometry, defining surface materials, lights and cameras, rendering still images. Topics include historical overview and theoretical analysis of digital 3D modeling and rendering. Fee.

4350 3D Animation II Bridge: Animation

This studio/lecture course covers basic 3D animation techniques for transfer students. Emphasis on keyframe animation, hierarchical motion, inverse kinematics, morphing and camera motion. Topics include historical overview and theoretical analysis of digital 3D animation. Fee. Prerequisites: CART 2301 or CART 4340.

4370 3D Animation VI: Team Production

This studio/lecture course covers 3D computer animation with an emphasis on team workflow. The course will make use of industry standard pipelines helping students understand how their work fits within an overall artistic and production vision to create a cohesive whole. Fee. Prerequisite: CART 4311.

COMPUTER LITERACY (COMP)

1301 Computer Literacy/Business Applications

This course is an introduction to basic microcomputer terminology and concepts. The student receives hands-on experience in file management techniques, Internet and email software, online library software, word-processing software, presentation software and spreadsheet software with an emphasis in business applications. This course meets the computer literacy requirement for business majors and the University requirement for proof of computer competency. (Fall, Spring and Summer). Fee.

2120 Computers in Education

This course focuses on terminology and hands-on experience in educational technologies and classroom computer programs. Fee

CRIMINAL JUSTICE (CRJU)

[Program Description, page 161]

1311 Introduction to Criminal Justice

This course focuses on the major elements of the American criminal justice system. It covers the history and operations of law enforcement, criminal courts, and correctional agencies.

X. DESCRIPTION OF COURSES

2392 Introduction to the U.S. Legal System

This course is designed to introduce the student to the workings, organization, and impacts of the judicial system in the United States. Cross-listed with GOVT 2392

3322 Criminology

This course examines the history and nature of victimology, emphasizing the role of the victim in the criminal justice and victimization processes. Prerequisite: CRJU 1311

3322 Criminology

This course examines the nature, extent, causes, and treatment of crime and delinquency, criminological theory, agencies of control, and programs of crime prevention. Prerequisite: CRJU 1311

3323 Issues in Contemporary Criminal Justice

This course focuses on current major developments in the American criminal justice system. It covers recent and very specific developments in law enforcement, criminal courts, and/or correctional agencies. Prerequisite: CRJU 1311. Cross-listed with SOCI 3323.

3325 Drugs and Crime in Society

This course examines drugs and crime and their impact on society, emphasizing the treatment, prevention, criminalization and decriminalization of controlled substances in the United States. Prerequisite: CRJU 1311. Cross-listed with PSYC 3325.

3330 Law Enforcement in America

This course examines the history and nature of law enforcement, emphasizing the roles of various law enforcement personnel, including police administration, investigation and patrol. Prerequisite: CRJU 1311

3340 Corrections

This course examines the history and nature of corrections in the United States. It covers both institutional and community corrections, including alternatives to incarceration such as probation and parole. Prerequisite: CRJU 1311

3343 Probation, Parole and Community Treatment

This course examines the history and nature of probation, parole, and community treatment programs, emphasizing the variety of community and correctional settings in which probation, parole, and community treatments function. Prerequisite: CRJU 1311

3342 Correctional Casework and Counseling

This course examines the history and nature of correctional casework, emphasizing the variety of correctional settings in which caseworkers function. Prerequisite: CRJU 1311

X. DESCRIPTION OF COURSES

3347 Sociology of the Death Penalty

This course examines the death penalty internationally and in the United States. It covers the history of the death penalty, methods of execution, its impact as a deterrent to murder, its legal status, its connections to race, social class, gender, geography, religion, economics, and the issue of miscarriages of justice. Prerequisite: CRJU 1311. Cross-listed with SOCI 3347.

3350 Juvenile Justice

This course examines the history and nature of juvenile justice, emphasizing the juvenile court system and the variety of correctional settings for juveniles. Prerequisites: CRJU 1311

3360 Ethics in Criminal Justice

This course explores the ethical responsibilities of criminal justice practitioners in the criminal court system, law enforcement, and the variety of correctional settings. Prerequisite: CRJU 1311

3365 Media and Crime

This course is designed to introduce the student to pertinent issues that concern media coverage of crime and criminal justice. Crime coverage in several different forms of mass media is examined (including news media, entertainment media, reality television, and "infotainment" media.) Emphasis is placed on understanding the importance of systematic content analysis as a methodological approach in studying crime in the media. Prerequisite: CRJU 1311. Cross-listed with SOCI 3365.

3370 Texas Criminal Justice System

This course is designed to introduce the student to the workings, organization, and impacts of the criminal justice system in Texas. The components of the system include state criminal law, law enforcement, courts and criminal procedure, prisons, parole, probation, and the state and local agencies that administer those laws and programs. Prerequisite: CRJU 1311

3381 Statistics for the Behavioral Sciences

This course examines common behavioral science statistical techniques such as frequency distributions, measures of central tendency, variability, correlation and tests of significance, chi-square and non-parametric tests. Cross-referenced with PSYC/SOCI 3381. Prerequisite: CRJU 1311

3384 Research Methods in Criminal Justice

This course examines common methods of conducting research in the field of criminal justice. A variety of research methodologies are covered, including experiments, survey research, field research and evaluation research. Prerequisite: CRJU 1311

X. DESCRIPTION OF COURSES

3390 Internship in Criminal Justice

This course requires a student to work a total of 120 hours over the course of a single semester in a local criminal justice agency, directly supervised by a professional at the agency. A paper describing the agency and the work the intern accomplished is expected at the end of the internship. Prerequisite: CRJU 1311

4301 Senior Seminar in Criminal Justice

The capstone course for the criminal justice major, this course is designed to be taken in the student's senior year and involves the discussion and application of various theories and methodologies. The course culminates in the writing of a capstone project. Prerequisite: CRJU 1311

CULTURAL STUDIES (CLST)

[Program Description, page 120]

2315 Introduction to Cultural Studies

This course examines the principles, concepts and theories central to Cultural Studies. We will examine such topics as how cultures make meaning through representational systems, challenges to hierarchies of cultural value, theoretical foundations of Cultural Studies, and social movements (feminism, critical race studies, post-colonialism, gender studies, etc.) that have helped create the theoretical body of work central to Cultural Studies. This course will also attend to contemporary concerns within the field such as the effects of globalization, techno-cultural studies, and more. This course requires significant critical thinking skills and demands that students apply theories and concepts to specific case studies, cultural artifacts, and texts. Hence, this course is not recommended for first year students.

2320 Cultural Studies Method: Inquiry and Evidence

This course provides an overview of a variety of methodologies utilized to examine literary texts, artistic forms, and discursive practices that reflect and produce a society's culture. Students will examine historical and contemporary case studies from areas such as the visual arts, music, video, film, literature, religion, myth, ritual and theatre.

3325 Cultural Studies Theory

This course introduces students to a variety of theoretical approaches to the study of culture, including visual theory, literary theory and performance theory. Attention will be paid to the contexts in which these cultural representations are produced and in which they circulate. Students will investigate how visual, textual and performative discourses create and contest social borders, replicate cultures, and negotiate power dynamics. Students will examine case studies from the fine and performing arts, film, literary texts, advertising, etc.

X. DESCRIPTION OF COURSES

3110/ 3115/ 3120 Cultural Studies Colloquium

This course provides an opportunity for students to synthesize the interdisciplinary nature of their course of studies. Students will work to apply the methods and theories of Cultural Studies to the CLST-approved electives they are taking. This is a one-hour course to be taken for three semesters.

4310 Senior Seminar

This course provides an opportunity for students to synthesize the interdisciplinary nature of their course of studies. By utilizing the methods and theories defined and developed in their previous course work, students will demonstrate mastery of concepts and skills acquired in their major.

4310H Honors Senior Seminar

This course requires students to synthesize the interdisciplinary nature of Cultural Studies through a meta-analysis of their coursework in the discipline. By utilizing the methods and theories defined and developed in their previous work, students will demonstrate a high mastery of concepts and skills acquired in their major. Prerequisites: CLST 2315, 2320, 3110, 3115, 3120, and 3325. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

4399 Selected Topics in Cultural Studies

This course will investigate an issue or topic of interest to the field of Cultural Studies. Topics may vary each semester. May be repeated for credit.

DANCE (DANC)

[Program Description, page 125]

1180 Country Western Dance I

This course introduces students to the basics to some of the more popular steps in Two Step, Country Swing, and Waltz. May be cross-referenced with PEHP 1146. No prerequisite. Fee. (Fall or Spring)

1183 Basic Rhythms

This course involves rigorous drill to increase stamina and the capacity for endurance; to develop physical coordination and naturalness; to coordinate movement and increase flexibility and strength; to develop focus, balance, and confidence; and to explore inner rhythms, instincts, and physical potential. For both men and women. No prerequisite. May be cross-referenced with PEHP 1116. Fee. (Fall, Spring)

1186 Character/Jazz I

This course presents two dance forms. The first half of the semester will focus on character as a study of a dance style that blends folk dance and academic ballet steps. Then, jazz will be presented as a study of the musical comedy style on the beginning level. No prerequisite. Fee. (Various)

X. DESCRIPTION OF COURSES

1301 Ballet I (Level 1)

This course introduces students to beginning level ballet technique. It involves barre and centre work with an emphasis on body placement and alignment. Emphasis is placed on vocabulary building with intent to create a system of interlocking movement concepts. No prerequisite. Taken as 1301, this course satisfies the Core Fine Arts area requirement. May be cross-referenced with PEHP 1115. Fee. (Fall, Spring)

1302 Ballet I (Level 2)

This course is a continuation of material covered in Level 1, with greater emphasis placed on allegro and adagio centre work. Prerequisite: DANC 1301 or some prior dance training. Taken as 1302, this course satisfies the Core Fine Arts area requirement. Fee. (Fall, Spring)

1305 Social Dance I (Level 1)

This class is an introduction to five major ballroom dances: Waltz, Foxtrot, Cha-Cha, Rumba, and East Coast Swing. Steps, style, and etiquette will be emphasized. May be taken after Level 2. No prerequisite. Taken as 1305, this course satisfies the Core Fine Arts area requirement. Fee. May be cross-referenced with PEHP 1145. (Fall, Spring)

1306 Social Dance I (Level 2)

This class is an introduction to the Ballroom Dances: Tango, Viennese Waltz, West Coast Swing, and Mambo. Learning to be comfortable on the social dance floor. May be taken before Level 1. No prerequisite. Taken as 1306, this course satisfies the Core Fine Arts area requirement. Fee. (Spring)

2221 Ballet II (Level 1)

This course presents intermediate level ballet technique, including continued and expanded study and practice of classical ballet skills and technique. Prerequisites: DANC 1301, and DANC 1302 or permission of the instructor. Fee. (various)

2222 Ballet II (Level 2)

This course continues the study of Intermediate level ballet technique. Prerequisite: DANC 2221 or permission of the instructor. Fee. (Various)

2245 Social Dance II

This course continues student exploration of social dance steps and technique in Waltz, Foxtrot, Cha-Cha, Rumba, and East Coast Swing. Additional dances such as Mambo, Bolero, Tango and Merengue may also be covered if time permits. Prerequisite: DANC 1305 or DANC 1306 or permission of the instructor. Fee. (various)

2280 Country Western Dance II

This course continues the study of steps and styling in Two Step, Country Swing, and Waltz. Learning additional dances Polka and Cha-Cha. Prerequisite: DANC 1180. (various)

X. DESCRIPTION OF COURSES

3221 Ballet III

This course is a synthesis of Intermediate/ Advanced level ballet technique. Fee. Prerequisite: DANC 2222 or permission of the instructor. (various)

3321 Performance Techniques

This course prepares students to create original works in various styles of choreography involving laboratory in dance design and construction. Prerequisites: DANC 2222, DANC 2246, or DANC 2222, and DANC 2245 or DANC 2280. Fee. (Various)

DIMENSIONS OF WELLNESS (DWHP)

1200 Dimensions of Wellness

This course is designed to help students develop an appreciation for and commitment to a wellness lifestyle. The course emphasis is placed on helping students develop self-care abilities related to spiritual, physical, emotional, intellectual, social, and working wellness. Lab course: meets two clock hours for every credit hour. Students participate in two in-class aerobic workouts per week.

1200H Honors Dimensions of Wellness

This course is designed to help honor students develop an appreciation for and commitment to a wellness lifestyle. The course emphasis is placed on helping students develop self-care abilities related to spiritual, physical, emotional, intellectual, social, and working wellness. Students participate in two in-class aerobic workouts per week. This course fulfills the Core Curriculum requirement for Wellness and is restricted to students in the UIW Honors Program.

3200 Dimensions of Wellness Bridge

Transfer and adult returning students satisfy Core requirements by taking this course, and one hour of kinesiology activity courses. The course emphasis is placed on helping students develop self-care abilities related to spiritual, physical, emotional, intellectual, social, and working wellness. Students participate in one aerobic activity per week.

3300 Dimensions of Wellness Bridge (ADCaP format)

The course emphasis is placed on helping students develop self-care abilities related to spiritual, physical, emotional, intellectual, social, and working wellness. This course requires the student to participate in two in-class aerobic workouts per week and the integration of lifetime sports and/or activities.

X. DESCRIPTION OF COURSES

EDUCATION (EDUC)

[Program Description, page 166]

2301 American Sign Language and Deaf Culture I

Acquisition of the language of signs. The student will develop an appreciation and knowledge of the culture that has developed and uses this type of communication. (Fall)

2302 American Sign Language and Deaf Culture II

Continuation of EDUC 2301, which is the prerequisite. (Spring)

2305 Foundations of Education

This course assists students in assessing their interest in becoming a teacher, acquaints them with responsibilities of teaching, explores options in teaching positions, and introduces the Teacher Education Program at UIW. An examination of the historical, philosophical, theoretical, legal, cultural, and ethical bases of current United States educational systems will be included. This course will also be infused with three Catholic Social Teaching themes: the dignity of the human person, community and the common good, and rights and responsibilities. This course is recommended for interdisciplinary studies majors and education minors in the freshman or sophomore year and is required for application to the Teacher Certification Program. (Fall, Spring)

2311 Adult Learning Theory and Practice

This course is designed to expand students' understanding of adult learning theories and how they are practiced in the college classroom environment. Each student in this course is presumed to have experience as an adult learner and/or experience as an adult educator. Building the conceptual foundations of practicing adult educators and making connections to one's experience as a learner is central to this course's learning outcomes. Also, various cultural perspectives on adult learning theory and practice emphasizing reflection and discussion among course participants will be the principal theme throughout class meetings.

2315 Survey of Children in Diverse and Inclusive Settings

This course will introduce the student to laws concerning the rights and responsibilities involved in teaching children with special needs; to the characteristics of various categories of special needs; to curricular and instructional modifications appropriate for each child; to methods of communicating with families and assisting families in identifying community support services.

This course is required for all IDS majors and those pursuing the special education minor and is a recommended elective for all secondary and all-level certification programs.

X. DESCRIPTION OF COURSES

2320 Introduction to Instructional Design

This course provides an introduction to the process of Instructional Design. It provides a broad overview of the process used to design, develop, implement, and evaluate effective instruction. Students will have hands-on experience to help them in the instruction design process.

2325 Instructional Strategies for Adult Learners

This course examines instructional strategies that are consistent with theories of pedagogy and adult learning, including activities and materials appropriate for learners with diverse needs, skills, and abilities. This course emphasizes the development and implementation of instruction that facilitate adult learning and examines the role of instructor as the facilitator of learning. Emphasis is on planning and clear presentations of instruction, as well as maintaining an effective education climate.

2327 Assessment Strategies for Adult Learners

This course examines techniques for evaluating student progress and instructional effectiveness. Focus is on formative and summative evaluations, with emphasis on identifying instructional objectives and using the results to modify content, pace, format and style of delivery. This course provides strategies for incorporating assessment data into instructional planning.

2330 Integrating Technology into Teaching and Learning

Students will examine and explore technology integration strategies within college classroom environments. Content will include an examination of technology integration techniques using various application tools, instructional software, productivity software, and the Internet. Student will also identify relative advantages for choosing technology integration strategies and resources to draw upon in developing students' own technology integration activities. Prerequisite: Computer Literacy course or equivalent

2361 Families, Schools, and Communities

The interactive role of family, school, and community in the process of education is the focus of this course. Topics include: establishing and maintaining strong school-home relationships, working with parents and primary caregivers to address young children's developmental needs, and parent-teacher relationships with the school. This course is recommended for elementary pre-service teachers in the sophomore year and is a required course in the certification sequence. (Fall, Spring)

3315 Leadership/Human Side of Management

This course provides the learner the knowledge and skills necessary to manage a human service organization such as a child care center, Head Start, private school, resource and referral organization or family support agency in diverse settings. (As needed)

X. DESCRIPTION OF COURSES

3316 Foundations of Language and Literacy

This is an introductory course in reading and is a prerequisite to all other reading courses. Students will develop a foundation of language and literacy instruction to include: theoretical approaches, reading processes, and stage models of reading. The course will also focus on word recognition processes, vocabulary development, various comprehension strategies, and study skills. Students will study language and literacy development--from emergent to proficient--and will learn strategies for effective reading instruction. Fee. Prerequisites: ENGL 1311, 1312, and 2310

3317 Languages and Literacy Assessment

This course develops individual and group literacy assessment procedures including activities and strategies for reading success. The purpose of this course is to teach prospective teachers how to administer and interpret literacy assessments, and to use this data to inform instructional planning. Students in this course will learn to develop teaching strategies that respond to student needs as revealed in informal literacy assessments. Fee. Prerequisite: EDUC 3316.

3330 Social Studies Instruction

This course builds upon students' development of social science and geography instruction at the elementary level. The intent of the course is to assist students in developing a more thorough understanding of social science and geography content and instructional practices and the ability to implement such practices in classroom instruction.

3340 Technology in Education

This course includes the introduction of preservice teachers to basic software applications used in K-12 classrooms, technology resources, and methods of integration with current curriculum. Strategies for effective implementation in the one computer classroom and in a lab setting will be demonstrated. The use of the computer as a teacher tool will also be addressed. This course should be taken in conjunction with EDUC 4605: Student Apprenticeship. Prerequisite: Acceptance to the Student Apprenticeship Program. Fee.

3343 Teaching Students with Learning Differences

This course will examine the academic, social, and behavioral needs of students with learning disabilities. Students will develop their understanding of learning differences and their proficiency in providing individualized and differentiated instruction. The primary goal of this course is to gain knowledge and skills that will better prepare teacher candidates to address the needs of all students in their classroom. Prerequisite: EDUC 2315

3345 Critical Concepts in Secondary Instruction

This course examines associated concepts of secondary instruction. Developmentally appropriate practices for all student populations will be addressed to enhance the support of students' academic achievement with

X. DESCRIPTION OF COURSES

emphasis on the critical concepts of content area reading, English Language Learners, and Exceptional Learners.

This course is required for all secondary education and all-level education minors. Prerequisite: EDUC 2305

3346 Teaching Students with Emotional and Behavioral Disabilities

This course will examine the academic, social, and behavioral needs of students with emotional and behavioral disorders. Students will develop their understanding of emotional and behavioral issues and proficiency in providing behavioral and academic support in order to effectively meet the needs of students in general education and special education settings. Prerequisite: EDUC 2315

3349 Special Education Assessment and Evaluation

This course examines the special education assessment and evaluation procedures and methods for students in elementary and secondary settings. This course will prepare future teachers to interpret and apply data generated to instructional settings in both general education and special education settings. Prerequisite: EDUC 2315

3350 Emergent Literacy

This course examines literacy learning from an emergent perspective, acknowledging the child's previous literacy experiences as a foundation for further literacy development in the classroom. Students in this course will experience a study of the emergent literacy perspective and learn concepts applicable to this philosophy of literacy acquisition. This study will help students develop literacy knowledge and literacy practices pertinent to the young child's literacy development. Best practices in the field of literacy will be examined and will include such practices as shared reading, phonemic awareness, literacy centers, dramatic play literacy extensions, and the role of children's literature in fostering early literacy development. Fee. Prerequisites: EDUC 3316.

3351 Reading, Writing, and Study Skills in the Content Areas

This course is designed to address the literacy challenges in the content areas. Students in this course examine the application of current theory and practice in the areas of reading, writing, and study skills in content areas. Vocabulary development, text structure, comprehension strategies, and interactive instructional methods are included. Students will learn how to use non-text reading material to enhance learning in these areas. Fee. Prerequisite: EDUC 3316

3360 Early Childhood/Kindergarten Curriculum

Developmentally appropriate practices in early childhood curriculum (ages 3-8) and integrating the language arts, mathematics, science, health, fine arts, and social studies. The role of the teacher and the learning environment will also be discussed. (As needed)

X. DESCRIPTION OF COURSES

3364 History and Philosophy of Early Childhood Education

Students in this course will experience a study of the pertinent learning theories of early childhood: Piaget, Vygotsky, Montessori, the Reggio Emilia Approach, Multiple Intelligences, etc. The concept of developmentally appropriate practice will be studied. This course is recommended for students in the senior year. (As needed)

3373 Learning Theories

Introduces the various theories of Human learning: behaviorist, cognitive, social, and constructivist. This course will emphasize cognitive processes but not ignore other means in which we process information, especially that which is relative to diverse and culturally distinct populations. The field of learning is ever dynamic and changing and will influence course content. Supervised and directed participation in a school setting will be a major component. This course is recommended for students in the senior year. Prerequisite: Admission to the Teacher Certification Program. (Fall)

3375 Teaching Children in Primary Grades

Developmentally appropriate curriculum practices in elementary education classroom teaching skills, management and guidance techniques; models of teaching, the lesson planning process, and instructional planning for both small and large groups. Supervised and directed participation in an EC-6 school setting will be a major component. Prerequisite: Admission to the Teacher Certification Program. (Fall)

3377 Teaching Children in the Intermediate Grades

An examination of the total elementary classroom, best practice and the variety of approaches for implementing best practice including providing choices and integrating the curriculum. Supervised and directed participation in an EC-6 school setting will be a major component. Prerequisites: Admission to the Teacher Certification Program and EDUC 3375 (Spring)

3379 Instruction and Assessment

Provides opportunities for the analysis, interpretation and application of a variety of assessment procedures. Emphasis on the interrelationship of curriculum, instruction, and assessment in classroom situations. Supervised and directed participation in an EC-6 school setting will be a major component. Prerequisites: Admission to Teacher Education

3380 Pedagogy for the Secondary and Middle School

This course is a professional development course leading to Texas secondary certification (grades 8-12) or all level certification (early childhood-grade 12). This course, designed for prospective teachers, encompasses various categories of knowledge related to professional skills, values, and decision-making. Field experience hours in secondary school settings will be a major component. Prerequisite: Admission to Teacher Certification Program. (Fall)

X. DESCRIPTION OF COURSES

3383 Integrative Pedagogy for the Secondary and Middle School

This course is a professional development course leading to Texas secondary certification (grades 8-12) or all level certification (early childhood-grade 12). This course, designed for prospective teachers, will include curricular unit development and management, technology integration, teaming, and thematic unit development, managing middle and secondary school extracurricular activities and maintaining effective faculty and administrative relationships, community involvement and professional responsibilities. Field experience hours in secondary school settings will be a major component. Prerequisites: Admission to the Teacher Certification Program and EDUC 3380 (Spring)

3385 Culturally Responsive Teaching

This course examines the role of culture in education. Difference in communication styles and in the thinking process of groups and individuals will be explored. Pedagogy that recognizes the importance of including students' cultural references in all aspects of learning will be emphasized. Additionally, the course will examine the educational implications of teaching English language learners by addressing the sociolinguistic and sociocultural issues that impact bilingualism and second language acquisition. Strategies for teaching a diverse student population in the general education setting will also be provided.

33RCH Inquiry in Education and Social Justice

This course is part of the University of the Incarnate Word Honors Program curriculum. It is designed, in addition to fulfilling disciplinary and UIW Core objectives, to require the students to think deeply about what it means to be human. Enrollment is restricted to students who have been accepted into, and are in good standing in, this program. The honors student will take this course in his or her junior year, the fall semester of the Professional course Sequence known as the block courses. (As needed)

4305 Teaching Apprenticeship Seminar

This course is required for Texas teacher certification and is taken during the final semester of study. This course is designed to examine the experiences faced in the student apprenticeship/internship. Examination, analysis, and practice of the Texas Examination of Educator Standards (TExES). This course must be taken in conjunction with EDUC 4605: Teaching Apprenticeship. Prerequisite: Acceptance to the Student Apprenticeship Program. (Fall, Spring)

4345 Creative Play and Play Environments

This course is an introduction to the study of the role of play and creative expression through the visual arts, music, creative drama and other play activities. Theoretical frameworks of play, the characteristics of play, the importance of play, the stages of social and cognitive play, types of playgrounds, outdoor environments for children of different ages and with diverse needs, play materials, and learner centered play will be studied. Fee.

X. DESCRIPTION OF COURSES

4372 Cognitive Structures and Language Development

A survey of major cognitive and behaviorist theories of learning, Particular emphasis on applications to the language, cognitive and social development of children and youth with disabilities and to the development of a second language. This course cannot be repeated for credit. (As needed)

4605 Teaching Apprenticeship

This course is required for Texas teacher certification and is taken during the final semester of study. It requires a full time commitment by the prospective teacher during the normal school day and takes place ON SITE in a school assigned by the Field Placement Coordinator and the Director of Teacher Education. Because of the scheduling differences between Texas school calendars and the UIW calendar, students will be required to begin/end this course at times not coinciding with the UIW schedule. Students must attend teacher in-service meetings, faculty meetings, as well as all other required meetings and/or extracurricular events required by the mentor teacher or the school administration. This course must be taken in conjunction with EDUC 4305: Teacher Apprenticeship Seminar. Prerequisite: Acceptance to the Teacher Apprenticeship Program. Fee. (Fall, Spring)

ENGINEERING (ENGR)

[Program Description, page 258]

1201 Introduction to Engineering

This seminar course introduces both the engineering program at Incarnate Word and the engineering profession by assigning group projects, inviting guest lecturers, and covering engineering topics in decision analysis and professionalism.

1310 Engineering Graphics (CAD I)

This three hour course is an introduction to computer aided drafting. Student will learn the basics of technical drawing and mechanical design. The class is open to Engineering Management majors only.

1312 Engineering Design (CAD II)

This three-hour course is a continuation of concepts learned in Engineering Graphics, ENGR 1310. Students will gain experience with engineering design and presentation. Topics will include: the design process, problem solving using the computer, and the use of presentation tools. Prerequisite: ENGR 1310, Engineering Graphics

2340 Computer Programming for Mathematics, Sciences and Engineering

This is an introductory course in C programming for mathematics, science, and engineering majors. Topics include: data types and related operations, floating errors, input/output, control structures, functions, arrays, data structure, files and strings processing. Program design, debugging

X. DESCRIPTION OF COURSES

techniques and good programming practices will also be discussed. Programming exercises and projects will emphasize on problems and applications in mathematics, sciences and engineering fields.

Although the C programming language is the main objective of the course, other tools used in mathematics, sciences and engineering, such as Matlab and Mathematica may be used at the discretion of the instructor in conjunction with C.

In consideration of the importance of Object Oriented Programming (OOP), the course will include some discussion about C++ and Java with examples and exercises on how the OOP principles are implemented. This will establish the basic foundation for further studies in that direction. Will not be counted toward the required mathematics credit on the Core. Prerequisites: MATH 1311 with a C or better or permission of the instructor.

3340 Engineering Analysis

This course involves the application of mathematical principles to the analysis of engineering problems using linear algebra and ordinary differential equations (ODE's). It includes use of software tools to solve engineering problems. Topics include: mathematical modeling of engineering problems; separable ODE's; first-, second-, and higher-order linear constant coefficient ODE's characteristic equation of a linear system of equations via Gauss elimination and Cramer's rule; rank, determinant, and inverse of a matrix; eigenvalues and eigenvectors; solution of an ODE via Laplace transform; numerical solution of ODE's. Prerequisite: ENGR/MATH 2340 and MATH 2314 with a "C" or better or permission of instructor.

3350 Statics and Dynamics

Students will study vector algebra, force systems, and free body diagrams; engineering applications of equilibrium, centroids, and moments of inertia; kinematics and kinetics of particles and plane rigid bodies, work and energy, impulse and momentum, and engineering applications. Prerequisite: PHYS 2305 or permission of instructor.

3455 Mechanics of Materials

This four-hour course will include both lecture and lab experiences. Students will study applications of conservation principles and stress/deformation relationships for continuous media. Student will examine effects to structural members; axially loaded members; thin-walled pressure vessels; torsional and flexural members; shear; moment; deflection of members; combined loadings; stability of columns; nonsymmetrical bending, shear center; indeterminate members; elastic foundations. Prerequisite: ENGR 3350

3460 Electronic Circuitry

This course includes both lecture and lab experiences. Students study the principles of electrical networks, electronic circuits, and of experimental linear circuit analysis. Prerequisite: PHYS 2306

X. DESCRIPTION OF COURSES

4375 Thermodynamics

Students will study the theory and application of energy methods in engineering; conservation of mass and energy; energy transfer by heat, work and mass; thermodynamic properties; analysis of open and closed systems; the second law of thermodynamics and entropy; gas, vapor and refrigeration cycles. Prerequisite: PHYS 2305

4399 Special Topics In Engineering

This course will cover a variety of engineering topics that will change from semester to semester. Topics may include studies of construction, design, soils, structures, electronics, surveying, environment, conservation, or other current areas of interest in engineering

4470 Fluid Mechanics

This course includes both lecture and lab experiences. Students study fluid properties, fluid statics, energy and momentum, integral and differential analysis of fluid flow, boundary layers, viscous laminar and turbulent flow in conduits, dimensional analysis, drag and lift. Prerequisite: ENGR 3350

4490 Senior Project

A capstone course combining management and engineering experience. An original research project is undertaken, and there is a public presentation at the end of the semester. Permission of advisor required.

ENGLISH (ENGL)

[Program Description, page 125]

1311 Composition I

Part of the UIW Core Curriculum, this is a writing-intensive course focusing on numerous rhetorical modes to develop main ideas. This course introduces students to creative, academic, and business writing and communication, emphasizing grammar and syntax, with a view to increasing expository writing skills and critical thinking ability. This course must be completed with a minimum grade of C. Prerequisite: Meet the UIW Academic Literacy requirements. (Every semester)

1311L Composition I with Lab

Part of the UIW Core Curriculum, this is a writing-intensive course focusing on numerous rhetorical modes to develop main ideas. This course introduces students to creative, academic, and business writing and communication, emphasizing grammar and syntax, with a view to increasing expository writing skills and critical thinking ability. This course must be completed with a minimum grade of C. Prerequisite: Admission to the University. (Every semester)

1312 Composition II

Part of the UIW Core Curriculum, this course is writing-intensive, focusing on diverse themes and stressing argumentative and persuasive writing. Special emphasis is placed on research skills and critical thinking ability.

X. DESCRIPTION OF COURSES

This course must be completed with a minimum grade of C. Prerequisite: ENGL 1311 or 1311L. (Every semester)

2310 World Literature Studies

Part of the UIW Core Curriculum, this course includes close reading and discussion of texts of all kinds from a wide range of periods and societies to reveal the diversity of literature as a cultural statement. Prerequisites: ENGL 1312. (Every semester)

2330 Traditional Grammar

Part of the Language Arts and Linguistics branch of the UIW English Program, this course presents an overview of the grammatical structure of the English Language for native and non-native speakers. Students will study the traditional names for parts of speech and traditional terms for grammatical structure in English and examine sentence structure analytically. The course will examine structure at both sentence and discourse level. Students will be required to recognize and produce grammatically acceptable writing in English. Prerequisite: 1312 (Spring)

2340 Introduction to Women's and Gender Studies

Part of the Women's and Gender Studies Concentration, this course serves as an introduction to the literature and theory which serves as the basis for contemporary scholarship in Women's Studies, Gender Studies, Feminist Theory, and Queer Theory. Prerequisite: 1312. May be taken concurrently with ENGL 2310. (Fall)

2360 Literary Theory

Part of the Literary Studies and Criticism branch of the UIW English Program, this study of literary theory engages the student in several critical approaches to texts. Prerequisite: 1312. This course may be taken with ENGL 2310. May be taken as a CLST elective. (Fall, Spring)

2365 Professional and Technical Communication

Part of the Rhetoric and Professional Writing branch of the UIW English Program, this course is a survey of professional and technical writing, with emphasis on writing to various audiences; types of communication include job applications, reports, instructions, proposals, and other communications for business and industry. Prerequisite: 1312. (Every Semester)

2383 Introduction to General Linguistics

Part of the Language Arts and Linguistics branch of the UIW English Program, this course is a study of the basic principles of language analysis and description, with application to English and other languages. It includes discussion of language acquisition, the physiology of language ability, the concept of standard language, and the implications of bilingualism and bi-dialectism in education and for society. May be taken as a CLST elective. Prerequisites: ENGL 1312. This course may be taken with ENGL 2310. (Fall)

X. DESCRIPTION OF COURSES

3307 Imagination and Knowledge

This course is an introduction to interdisciplinary work in the arts and humanities. It presents an eclectic range of questions from fields such as literature, art, theater, music, philosophy, history, religious studies, linguistics, and cultural studies. The course affirms the diversity of effective tactics for answering questions, solving problems, and exploring new territory within these disciplines and it sets special emphasis on the creative traffic between them. The course, which is both a reflective and an experiential inquiry into the essence and value of a liberal arts education, is intended not only for majors in the arts and humanities. In accord with a cardinal virtue of the UIW Mission--the education of the whole person--the course is recommended for students in any field. Prerequisites: ENGL 1311 or 1311L and 1312 and 2310.

3310 English Literature Survey

Part of the Literary Studies and Criticism branch of the UIW English Program, this introductory survey of British Literature situates the study of literary production within a cultural and historical context. The course will examine the motifs of major authors and works as well as explore the impact of non-canonical authors and works. Prerequisites: 1312 and 2310. This course may be taken with ENGL 2360. May be taken as a CLST elective. (Fall)

3310H Human Story Through Literature

This course includes close reading and discussion of texts of all kinds from a wide range of periods and societies to reveal the diversity of literature as a means of cultural statement. This course fulfills the UIW Core requirement for a world literature course. This course is restricted to students in the UIW Honors Program. Prerequisite: ENGL 1312 (Fall)

3320 American Literature Survey

Part of the Literary Studies and Criticism branch of the UIW English Program, this course is an analytical survey of major and lesser-known writers from the precolonial period to the present. Prerequisites: ENGL 1312 and 2310. This course may be taken with ENGL 2360. May be taken as a CLST elective. (Spring)

3330 Genre Studies

Part of the Literary Studies and Criticism branch of the UIW English Program, this course is a study of critical theory and practice of representative examples from the major literary genres, with an emphasis on one of them (e.g. the novel, drama, short fiction, the epic, graphic novel, etc.). This course may be repeated for credit when the topic varies. Prerequisites: ENGL 1312, and 2310. May be taken as a CLST elective. (Fall, alternate years)

3340 Women's Writing

Part of the Women's and Gender Studies Concentration, this course serves as an introduction to the literature and theory which serves as the

X. DESCRIPTION OF COURSES

basis for contemporary scholarship in Women's Studies, Gender Studies, Feminist Theory, and Gender Theory. Prerequisites: ENGL 1312. May be taken simultaneously with 2310. May be taken as a CLST elective. (Spring)

3350 Writing for Business

Part of the Rhetoric and Professional Writing branch of the UIW English Program, this course is a survey of business communication, with emphasis on audience-focused writing within a variety of business settings. Types of business communication include job applications, business messages, reports, proposals and other communications for business and industry. This course emphasizes familiarity with communication using electronic media. Prerequisites: ENGL 1312. (Spring)

3355 Introduction to Rhetorical Theory

Part of the Rhetoric and Professional Writing branch of the UIW English Program, this course is a historical introduction to Rhetorical Theory with emphasis on application of rhetoric to socio-cultural issues, persuasion, and composition learning. Prerequisites: ENGL 1312, and 2310. May be taken as a CLST elective. (Fall)

3357 Visual Rhetoric

This course is part of the Rhetoric Branch of the UIW English Department Program. An upper-level course, Visual Rhetoric focuses on the relationship between visual images and culture, examining what visual images mean (interpretation) and what they do (representation). The course is a study in rhetoric, exploring how visuals communicate as signs and symbols and how visuals affect human emotion and behavior. This course introduces students to some of the theories (both rhetorical and literary) explaining how images work to communicate and persuade within a cultural context. Prerequisites: ENGL 1312, and 2310. (Summer and as needed)

3360 Rhetorical Criticism

Part of the Rhetorical Studies track of the UIW English Program, this study of Rhetorical Criticism engages the student in a number of critical approaches to rhetorical texts, both written and oral, from diverse genres and venues. Prerequisites: ENGL 1312 and 2310. ENGL 3355 is recommended. (Spring)

3365 Editing and Publishing

Part of the Rhetoric and Professional Writing branch of the UIW English Program, this study of the academic literary periodical involves students in the editing, production, and distribution of the University's literary journal, Quirk. Prerequisites: ENGL 1312. This course may be taken with ENGL 2310. (Spring)

3370 Writing for Science and Engineering

Part of the Rhetoric and Professional Writing branch of the UIW English Program, this course explores the theoretical and practical aspects of real-world scientific and engineering communication. The course will explore a

X. DESCRIPTION OF COURSES

variety of writing genres used in scientific and engineering industry and research, including reports, proposals, processes, journal articles, and presentation posters and papers. Prerequisites: ENGL 1312. (Fall)

3375 Creative Writing

Part of the Rhetoric and Professional Writing branch of the UIW English Program, this workshop in the art of writing includes sampling contemporary literature, analyzing various genres, and producing and performing of original work. This course may be repeated for credit when the genre varies. Prerequisites: ENGL 1312, and 2310. (Fall, Spring)

3385 Integrated Language Arts

Part of the Language Arts and Linguistics branch of the UIW English Program, this study of language development and acquisition explores the content, methodologies and materials associated with teaching writing, reading, speaking, listening, and children's literature. Course assignments may include a practicum requirement. Prerequisites: ENG 1312 and 2310. (Every Semester)

4301 Senior Seminar

The capstone course for undergraduate English majors, this course is designed to be taken in the student's senior year and involves the discussion and application of various critical methodologies; this course culminates in the writing of the senior thesis. Prerequisites: ENGL 1312, 2310, and 2360, and a minimum of 12 hours of additional English courses. (Fall)

4301H Senior Seminar (Honors)

The capstone course for undergraduate English majors in the Honors Program, this course is designed to be taken in the student's senior year and involves the discussion and application of various critical methodologies; this course culminates in the writing of an Honors senior thesis, the criteria for which will be determined by the instructor in keeping with the expectations of the Honors Program for this substantial research project. Prerequisites: ENGL 1311, 1312, 2310, 2360, and a minimum of 12 hours of additional English courses.

4315 Environmental Discourse

Part of the Literary Studies and Criticism branch, or the Language Arts and Linguistic branch of the UIW English program, this course offers a focused study of Environmental Discourse from an ecocritical perspective. The course will focus on American Ecological Writings and analyzes the various discourses that have sought to describe, reflect, exploit and celebrate our environment. Readings from Botany, Natural History, Journalism, Fiction and Poetry demonstrate the diversity of representational choices humans have made in order to conceptualize and interpret nature and their relationship to it. Particular attention is given to the way in which "writing" a subject—employing a rhetorical frame—"changes" a subject. Prerequisites: ENGL 1312 and 2310 (Fall).

X. DESCRIPTION OF COURSES

4320 Period Studies

Part of the Literary Studies and Criticism branch of the UIW English Program, this course examines the interplay of literary texts, literary theory and criticism, authors, historical culture, and events within a specific historic timeframe. Rather than a broad sweep, or a wide lens, this course will approach the subject through the close-up. This course may be repeated for credit when the topic varies. Prerequisites: ENGL 1312, 2310, and 2360. May be taken as a CLST elective. (Summer, Spring, alternate years)

4330 Internship

In this course, students earn academic credit through practical experience involving writing, editing, or related tasks. Students will work part-time in a professional setting under the guidance of a resident supervisor. 140-160 hours of work required. Prerequisites: ENGL 1312 and 2365 (or 3365). (As needed)

4340 Major Authors

Part of the Literary Studies and Criticism branch of the UIW English Program, this course involves a detailed examination of an important writer. This course may be repeated for credit when the topic varies. When Shakespeare is the author, the course may be cross-listed with THAR 4385 Shakespeare. Prerequisites: ENGL 1312, and 2310. (Spring, alternate years)

4350 Literary Movements

Part of the Literary Studies and Criticism branch of the UIW English Program, this course involves a detailed examination of a major literary movement. This course may be repeated for credit when the topic varies. Prerequisites: ENGL 1312, and 2310. May be taken as a CLST elective. (Fall, alternate years)

4355 Contemporary Rhetorical Theory

Part of the Rhetorical Studies track of the UIW English Program, this course engages students in the exploration of contemporary rhetorical theory as a way to examine the social, political, and cultural contexts and effects of discourse and action. Prerequisites: ENGL 1312 and 2310. ENGL 3355 is recommended. (Spring, as needed)

4367 Literature for Children and Young Adults

Part of the Language Arts and Linguistics branch of the UIW English Program, this course is an exploration of literature written for younger readers, including research in the development of reading interest and the study of selected books, films, and computer software reflecting both the language and culture. Prerequisites: ENGL 1312 and 2310. (Spring, Summer)

4370 Trends in Linguistics Studies

Part of the Language Arts and Linguistics branch of the UIW English Program, this course examines current significant research in the areas of

X. DESCRIPTION OF COURSES

linguistics: phonetics and phonology, syntax, semantics, language acquisition, psycholinguistics, sociolinguistics, and dialectology. This course may be repeated for credit when the topic varies. Prerequisites: ENGL 1312, and 2310 or 3310H. (Spring, alternate years)

4630 Internship

This course is the same as 4330 but involves 280-330 hours of work at the professional location. Prerequisites: ENGL 1312 and 2365 (or 3365). (As needed)

ENVIRONMENTAL SCIENCE (ENSC)

[Program Description, page 260]

1410 Environmental Science and Laboratory

Environmental Science is an integrated lecture and laboratory course involving the study of the physical and biological systems of the Earth, their complex connections and patterns, and human interactions with the environment. The course includes an examination of the challenges of preserving the productivity and diversity of biological systems for the continued maintenance of life on Earth. Fee.

3410 Research in Soil Conservation and Laboratory

This course is a study of the social, environmental and economic value of soil, and the processes related to soil degradation. It includes an examination of the basic principles of soil management and soil conservation and associated use of best management practices, and a study of the technological advances that can be utilized to keep our soil resources sustainable. Prerequisite: BIOL 1401, 1402. Fee.

3420H Human Dominated Ecosystems

This course examines the interaction of humans with their environment and with global ecosystems. This course fulfills the Core Curriculum requirement for a science course with a laboratory and is restricted to students in the UIW Honors Program.

4315 Environmental Science Research

This is a capstone course for Environmental Science majors. Students will use an integrated (interdisciplinary) approach for the study and analysis of an environmental problem. Prerequisite: Senior Environmental Science major. (Fall, Spring)

4460 Research in Water Quality

This course includes applied biological and hydrological studies of the stream and associated floodplain environment including plant and macroinvertebrate survey, stream flow analysis, water chemistry, and applications of Geographic Information Systems (GIS) for accurate mapping and detailed field data recording. Prerequisite: Senior level Biology, Chemistry, Environmental Science majors. Other students must have permission of the instructor. Fee.

X. DESCRIPTION OF COURSES

4499 Independent Study in Environmental Science

This course includes a specific research project on a biology or chemistry topic with approval from the student's advisor. Prerequisite: Senior level Biology, Chemistry, Environmental Science majors. Other students must have permission of the instructor. Fee.

FASHION DESIGN (FADS)

1305 Introduction to Fashion Design

This basic design course encompasses the fashion design process from inspiration through production. Focus is on terminology, design elements and principles, the creative process of inspiration documentation and design experimentation. May not be repeated for credit. Fee. (Fall and Spring)

1320 Apparel Construction II

Course content focused upon the development of intermediate level skills in apparel construction and fitting methods. Course projects require the use of industrial sewing equipment. Prerequisites: FMGT 1305 and FMGT 1310. Must co-register in FADS 2331. Instructor's signature required. Fee. (Spring)

2331 Flat Pattern

Introduction to industrial pattern manipulation, principles and techniques. Prerequisite: FADS 1305 and 1310. Must co-register with FADS 1320. Instructor's signature required. Fee. (Spring)

3330 Advanced Design

This course encompasses the design process from inspiration through production. The focus is on the creative process, inspiration documentation, and design experimentation as well as the apparel production process as practiced in the industry. Prerequisites: Successful completion of Skills Assessment/Portfolio Review I and FADS 3320. Instructor's signature required. Fee. (Spring)

3320 Apparel Construction III

The purpose of this course is to prepare students to develop and apply advanced industry construction techniques and couture sewing methods to new projects. Development of fitting techniques, how to operate industry sewing equipment, and difficult fabrics will be covered. Prerequisites: FADS 1320 and 2331. Fee.

3325 Draping

Introduction to apparel design skills through three dimensional fabric manipulation on a dress form. Class projects incorporate the application of design principles used to develop original garment design. Prerequisites: Successful completion of Skills Assessment/Portfolio Review I and FADS 1320 and FADS 2331. Fee. Instructor's signature required. (Fall)

X. DESCRIPTION OF COURSES

3333 Fashion Illustration

Illustration techniques for the rendering of fashion figures, fabrics, clothing, and flats using various mediums and surfaces. Special emphasis will be given to portfolio development. Prerequisites: Seminar FMGT 1111, Intro to FMGT 1305 or FMGT 2381, Apparel I FMGT 1310, ART 1301 or 1311, or ARTH 2361 or 2362, Textiles FMGT 2341. Fee. (Fall and Spring)

4314 Special Problems in Clothing

Individualized study of problems in fashion design techniques, including fabric selection, accessorization, and creative problem solving. Fee. Prerequisites: FMGT 1332, 1322, 3320, 3328, and permission of instructor.

4324 Surface Design

Graphic design emphasizing the creative and technical aspects of fabric manipulation. Elective. This course may be repeated for credit. Prerequisites: Apparel II FADS 1320 or FMGT 1322 and Textiles FMGT 2341. Fee. (Fall)

4325 Tailoring

Applying advanced techniques in construction of tailored apparel. Prerequisites: Successful completion of Skills Assessment/Portfolio Review I and Apparel II FADS 1320 or FMGT 1322 and Fashion Illustration FADS 3333 or FMGT 3321. Fee. (Fall and Spring)

4335H Honors Topics in Fashion Design

This course provides concentrated study in an area of the fashion industry. Course must be taken concurrently with FADS 4350. May not be repeated for credit. Instructor's signature required. Fee.

4340 Computer Illustration

Use of computer programs such as Adobe Illustrator and Photo Shop to render/edit fashion figures, flats, portfolio layouts, and fashion boards. Prerequisites: FMGT 1301 and 3333. Fee. (Spring)

4350 Senior Collection I

Course emphasis is on pattern and sample development for an original fashion collection. Prerequisite: FADS 3330, Successful completion of Skills Assessment/Portfolio Review II with a grade of B- or higher. Instructor's signature required. Fee. (Fall)

4360 Senior Collection II

The course emphasis is on final garment construction based upon samples produced in FADS 4350. The finished body of work will be prepared to debut as a collection.. Prerequisites: FADS 4350 with a grade of B- or higher. Instructor's signature required. Fee. (Spring)

X. DESCRIPTION OF COURSES

FASHION MANAGEMENT

1111 Seminar in Fashion Management

An introduction to university procedures, the fashion management program and an overview of the fashion industry. This course is offered as part of a learning community with FMGT 1305, Introduction to Fashion Management. Co-Requisite: FMGT 1305, Introduction to Fashion Management or Prerequisite: FMER 2381. Fee. (Fall)

1301 Computer Literacy

This studio/lecture course is an introduction to basic computer concepts, terminology, processes, procedures and applications. Hands-on training with file management techniques, Internet and email software, online library software, word-processing software, presentation software and spreadsheet software and graphics manipulation software with an emphasis in design and retail industry applications. This course fulfills the computer literacy core requirement. Fee.

1305 Introduction to Fashion Management

This course covers the fundamental principles of merchandising involved in the design, production, and distribution of women's, men's, and children's apparel and accessories. This course is offered as part of a learning community with FMGT 1111, Seminar in Fashion Management. Co-Requisite: Seminar FMGT 1111. Fee. (Fall)

1310 Apparel Construction I

Development of basic sewing skills through the completion of construction samples and garments. The safe use of sewing tools, machines, sergers, and pressing equipment are emphasized. Fee. (Fall and Spring)

2323 Fashion History I

This course is a chronological study of western dress and its relationship to society and culture from ancient Egyptian to the Victorian Era. May not be repeated for credit. Prerequisite: FMGT 2341. Fee. (Fall)

2341 Textiles

An introduction to textiles that provides a broad view of the development, production and utilization of fabrics and the impact they have on design and construction. The characteristics of different fibers, yarns, fabrics, and finishes are investigated. Prerequisites: FMGT 1305 and 1310. Fee. (Fall and Spring)

2350 Promotional Strategies in Fashion I

The study of promotional strategies unique to the fashion industry. Special emphasis is placed on visual merchandising as one of the promotion mix elements relevant to the wholesale and retail levels of the fashion industry. Prerequisites: Seminar in Fashion Management FMGT 1111, Introduction to Fashion Management FMGT 1305 or FMER 2381,

X. DESCRIPTION OF COURSES

Cultural Perspectives of Dress FMGT 1307 or FMGT 1331 and Art 1301 or ART 1311. Fee. (Fall)

3323 Fashion History II

This course is a chronological study of 20th century dress and its relationship to society and culture the Victorian Era to the present day. May not be repeated for credit. Prerequisite: FMGT 2341. Fee. (Spring)

3340 Textile Product Analysis

The study of textile product quality control issues important to manufacturers/designers, retailers, and consumers. Evaluating product quality based on appearance, cost, materials used, construction details, and end-use will be emphasized. Prerequisites: Seminar in Fashion Management FMGT 1111, Introduction to Fashion Management FMGT 1305 or FMER 2381 and Textiles FMGT 2341. Fee. (Spring)

3383 Buying I

In-depth study of the numbers associated with merchandising and store operations: retail method of inventory, operating statements, pricing and re-pricing of retail merchandise, invoice mathematics, dollar planning and control, and review of reports and spreadsheets utilized for merchandising and dollar control. Prerequisites: MATH 1304 or higher, FMGT 1305, ACCT 2311 and ACCT 2312. Fee.

4307 Cultural Perspectives of Dress

Dimensions of individuality are explored in regard to the cultural, psychological, and sociological influences of dress. Both historical and contemporary aspects of dress are studied by region. May not be repeated for credit. Prerequisite: FMGT 2341 Fee. (Fall)

4324 Surface Design

Graphic design emphasizing the creative and technical aspects of fabric manipulation. Elective. This course may be repeated for credit. Prerequisites: Apparel II FADS 1320 or FMGT 1322 and Textiles FMGT 2341. Fee. (Fall)

4331 Promotional Strategies in Fashion II

The study of how advertising, public relations, fashion shows, and special events are used by the fashion industry. Course focus is on event planning from concept through production. May be repeated for credit. Prerequisites: FMGT 2350 or instructor's signature with junior standing. Fee. (Fall and Spring)

4350 Global Fashion Economics

Study of foreign textile and apparel manufacturing and retailing and its impact on domestic manufacturers and retailers; import program development, tariffs, quotas, financing, transportation, and other trade-related aspects. Prerequisites: Buying I FMGT 3383 or FMER 3383,

X. DESCRIPTION OF COURSES

Textile Product Analysis FMGT 3340, ECON 2301, BLAW 3317. Fee. (Spring)

4382 Portfolio

Process of developing a portfolio collection for a career in either fashion design, merchandising or other related positions in the industry. A variety of interview techniques and resume/portfolio styles will be discussed. Prerequisites: Fashion Illustration FADS 3333 or FMGT 3321. At least 12 hours in FMGT or FADS or FMER and Junior standing. Fee. (Fall)

FASHION MERCHANDISING (FMER)

4350 Fashion Entrepreneurship

Principles and procedures used in creating fashion related businesses to meet consumer demands, including consumer research, logistical issues, and strategic planning involved in writing a business plan. Examines various product and service offerings in traditional and non-traditional retail formats. Pre-requisites: Senior Standing and Textile Product Analysis, FMGT 3340; Promotion, FMGT 2350 or FMER 2383; Principles of Accounting or Accounting for Non-Business Majors, ACCT 2301 or 2311; Business Law BLAW 3317; Service Marketing, BMKT 3334 or Consumer Behavior, BMKT 3377; Human Resource Management, BMGT 3354; and Retailing, BMGT 3340. Fee. (Fall)

4388 Internship: Merchandising

Supervised work experience in an approved, related-work environment. May be repeated for credit Prerequisites: 9 hours in FMER at the 3000 or above level and permission of instructor. Fee. (Summer)

4395 Buying II (Capstone)

The study of the roles and responsibilities of buyers within the fashion industry. Emphasis on retail buying functions, including developing merchandise plans, selecting products, negotiating terms, and monitoring performance through a semester-long buying simulation. Prerequisites: Fashion Entrepreneurship FMER 4350. Fee. (Spring)

GEOGRAPHY (GEOG)

3311 Cultural Geography

World geography and related topics, including population demographics, migration, languages, religions, customs, cultural diffusion, politics, and selected topics. Intended primarily for education majors. May be taken as a Cultural Studies elective.

3312 Geography and Ethnic Groups of Texas and the Southwest

Migration and settlement of ethnic and cultural groups in Texas and the Southwest United States. May be taken as a Cultural Studies elective.

X. DESCRIPTION OF COURSES

GEOLOGY (GEOL)

[Program Description, page 261]

1111 World Geography Lab

This laboratory is a separate, optional one-credit course to be taken concurrently with GEOL 1311 World Geography for any student who wishes to fulfill the core lab science requirement. Topics include the study of the physical, cultural, political, and economic characteristics of the world's geographic regions using maps and Geographic Information System database and tools. Fees.

1112 Physical Geography Lab

This laboratory is a separate, optional one-credit course to be taken concurrently with GEOL 1321 World Geography for any student who wishes to fulfill the core lab science requirement. Topics include the study of the spatial aspects of the physical elements and processes that make up the environment through analysis of topographic, geologic, hydrologic, and climate and weather maps. Labs will also include the use and applications of Geographic Information System database and tools. Fees.

1311 World Geography

World Geography is the study of the physical, cultural, political, and economic characteristics of the world's geographic regions, their spatial relationships, and how these geographic regions interact with each other. Current and historical case studies are examined to study these relationships.

1321 Physical Geography

Physical Geography is a study of the spatial aspects of the physical elements and processes that make up the environment that includes air, water, weather and climate, landforms, soils, animals, and plants of the Earth. Students will examine and analyze the components of the physical environment and how they are interconnected with each other

1401 Physical Geology

This course is a study of the physical processes that shape and modify the Earth's surface, the processes that operate within the Earth, the origin and nature of minerals and rocks, and concepts of plate tectonics. Occasional field trips will be arranged. Fee. (Fall)

1402 Historical Geology

This course is a study of the geologic history of the Earth based on the rock and fossil record. Course includes a detailed study of the origin and evolution of life on Earth. Occasional field trips will be arranged. Fee. (Spring)

X. DESCRIPTION OF COURSES

1415 Astronomy

This course is an integrated lecture and laboratory survey of astronomy that includes the history of astronomy, telescopes, celestial mechanics, time and the seasons, the Earth's Moon, the Sun and the planets, the nature and origin of stars, stellar evolution, the origin and nature of the Milky Way galaxy, types of and nature of nebula, the nature of star clusters, the nature and origin of galaxies, and cosmology. Fee. (Spring)

1420 Oceanography

This course presents geological, physical, chemical, and biological studies of the Earth's oceans. Course includes a study of the origin and continuing evolution of the ocean basins, air-sea and land-sea interactions, and life in the oceans. Fee. (Fall)

2410 Earth Science

This course provides an introduction to the composition and structure of the Earth's atmosphere and the processes that produce weather; the physical, chemical, and biological environments in the world's oceans; physical and environmental geology; and the nature of the solar system, stars, galaxies, and the universe. Fee. (Fall, every two years)

3410 Geohydrology

This course studies the occurrence, movement, and water chemistry of groundwater. Course includes a study of the influence of the geologic environment on mass transport of chemical systems, hydraulic properties of geologic materials, groundwater flow modeling, and evaluation of groundwater resources. Prerequisite: GEOL 1401, 1402, or equivalent courses. (Fall, odd-numbered years)

3450 Environmental Geology

This course presents applied geological studies of interactions between people and the Earth's physical environment. Lecture and laboratory topics include evaluation of natural hazards, land-use planning, environmental impact analysis, and assessment of material resources of the Earth. Prerequisite: GEOL 1401. Fee. (Fall, even-numbered years)

3460 Geomorphology

This course is a study of the origin and evolution of landforms on the Earth's surface, the description and analysis of landforms, and the physiography of continental and ocean landforms. Course also includes topographic map, aerial photograph, and satellite photograph interpretation. Prerequisite: GEOL 1401. Fee. (Spring, even-numbered years)

GOVERNMENT (GOVT)

1315 American Politics

This course is a survey of U.S. national government. It is designed to provide the student with an understanding of the foundations, constitutions and processes of their national government. The major institutions of the

X. DESCRIPTION OF COURSES

national government will be examined in order to gain an understanding of how they work, the role of the people in the political system and the consequences of a democratic political system. The success (and lack thereof) of some groups to influence government and obtain benefits from it will be considered in an effort to evaluate the workings of a democratic system.

1316 State and Local Politics

This course is a survey of state and local government focusing specifically on Texas. It is designed to provide the student with an understanding of the foundations, constitutions and processes of their state government. The Texas government institutions and practices will be examined in order to gain an understanding of the relationship between the national and state systems, the role of the people in the political system, and the consequences of a democratic political system. The success (and lack thereof) of some groups to influence government and obtain benefits from it will be considered in an effort to evaluate the workings of a democratic system. The unique history of Texas and how it has influenced the structure and practices of governing will also be examined. This course fulfills TEA teacher certification requirements.

1391 Human Rights

This course studies individual, group, and society rights; the basis of a just society; and the meaning of equality. This course will also examine the theoretical and philosophic underpinnings of justice as well as examine the extent to which society is just and how to promote greater justice. May be taken as a CLST elective. May be taken as a Service Learning course.

2300 Social Science Research Methods

In this course, students design and analyze research problems in the social sciences. This course is an introduction to the methods of social science research with emphasis on research design and data analysis. Prerequisite: POLS/GOVT 1315, or permission of instructor. May be taken as a CLST elective.

2305 Introduction to Political Studies

This course is designed to introduce the student to the professional standards and expectations of Political Science. The course focuses on the process of developing political arguments, discovery, and evaluation of sources, as well as oral and written presentation of Political Science material. Prerequisites: POLS/GOVT 1315 (or permission of instructor). May be taken as a CLST elective. Fee.

2310 Comparative Politics

This course is designed to serve as an introduction to the comparative study of political systems. Students will develop a core body of knowledge concerning various political regions of the world. Students will also learn what the comparative method is and how to apply it to the study of different political systems. Students will also be introduced to the political systems of selected nation-states around the world. May be taken as a CLST elective.

X. DESCRIPTION OF COURSES

2320 International Relations

This course is designed to introduce the student to the different approaches to the study of relations between sovereign nations. The study of international relations covers many topics, from the study of war and peace, to world government and the conduct of trade between nations. An emphasis will be placed on how nations relate to each other politically and how politics affects such things as economics and human rights.

2350 Environmental Politics

This course will focus on the history and politics of the international and American environmental movements. Students will also develop an understanding of environmental policy-making at both the domestic and international levels. Prerequisite: POLS/GOVT 1315 or permission of instructor. May be taken as a CLST elective.

2375 International Organizations

This course introduces students to the study of international organizations, primarily the United Nations and its specialized agencies. It will examine such topics as the predecessors and origins of the UN, its basic principles and structure, problems of war and peace, major contemporary issues of world politics, international law and non-governmental actors. Students should leave the course with a better understanding of the place of international organizations in the contemporary world system. Prerequisites: POLS/GOVT 2320 (or permission of instructor).

2376 Model Organization of American States

In this course students will study the structure and function of the Organization of American States and learn and apply parliamentary procedure in a simulation setting. Students are cast as high-level negotiators on issues of international importance. Fee. Prerequisite: POLS/GOVT 2320 (or permission of instructor). POLS/GOVT 2375 is recommended. Fee

2392 Introduction to the U.S. Legal System

This course is designed to introduce the student to the workings, organization, and impacts of the judicial system in the United States. Cross-listed with CRJU 2392.

3110 International Affairs Colloquium

This course provides an opportunity for students to synthesize the interdisciplinary nature of their course of studies. Working with their program advisor, students will work to integrate the methods and theories they are defining and developing in their International Studies coursework and apply them to their studies. This is a one-hour course to be taken for two semesters. Fee.

X. DESCRIPTION OF COURSES

3300 U.S. Congress

This course is designed to introduce the student to the study of Congress and Congressional behavior in the American political system. The course will cover representation, selection of legislators, organization and procedures of legislative bodies, and the relation of the legislative to the executive and judicial branches. By the end of the semester, the student should have an understanding of how legislatures function, how and why legislators behave as they do, and how legislatures relate to the other branches of the government as well as to constituents. Prerequisite: POLS/GOVT 1315 (or permission of instructor).

3305 U.S. Presidency

This course is designed to introduce the student to the theory, organization, and behavior of the American presidency. Comparisons to state governors and executives in other nations will be made but the emphasis will be on the American president. By the end of the semester the student should understand what constitutes an executive, how executives behave, how executives interact with other branches of government and with other executives, and how they affect people and institutions. Prerequisite: POLS/GOVT 1315 (or permission of instructor).

3340 Experiential Learning in Europe

This course is designed to facilitate the integration of the study abroad experience into a student's academic material and program of study. Signature of Study Abroad coordinator required.

3350 European Politics

This course is designed to serve as an introduction to the study of politics in Europe. Students will develop a core body of knowledge concerning the political systems in Europe. Students also will be introduced to the political systems of selected nation-states in Europe. Prerequisites: GOVT 2310 (or permission of instructor).

3351 Asian Politics

This course is designed to serve as an advanced examination of the study of politics in Asia. Students will develop a core body of knowledge concerning the political systems in Asia. Students will examine in more depth those countries introduced in GOVT 2310 as well as being introduced to the political systems of other selected nation-states in Asia.. Prerequisites: GOVT 2310.

3353 Texas Legislative Process

This course examines how the Texas legislative branch functions. It is offered every two years during the legislative session in Austin. Prerequisite: POLS/GOVT 1315 or 1316 (or permission of instructor). Fee.

3356 Terrorism and Conflict in the International Arena

This course is designed to study the causes of war and terrorism. Students also will examine what we need to know to prevent war if possible,

X. DESCRIPTION OF COURSES

and prepare for it when necessary. Students will examine the extent to which wars are the purposeful, rational pursuit of policy, the result of miscalculation and misperception, or the result of forces over which there is little control. Prerequisites: POLS/GOVT 2320 (or permission of instructor). May be taken as a CLST elective.

3371 Political Theory

This is a survey of political ideas from the Greeks to John Rawls, particularly as those ideas influence American political development. The course includes classical thinkers, writers of the Enlightenment, and modern political theories. May be taken as a CLST elective.

3375 Moot Court

This is a participatory course in which students research legal cases and arguments, learn courtroom etiquette and procedures, practice making prepared courtroom arguments and responding to questions, and engage in inter-university moot court competition. Cross-listed with BLAW 3375 Fee.

3376 Model United Nations

In this course students will study the structure and function of the United Nations and apply parliamentary procedure in a simulation setting. Students are cast as high-level negotiators on issues of international importance. Fee.

4310H Social and Political Thought

This course focuses on significant developments in Western social and political thought. It gives an in-depth exploration into the writings and thought of those great thinkers who have shaped our understanding of modernity and what it means to be human. Prerequisite: one History course. This course fulfills the Core Curriculum requirement for social sciences and is restricted to students in the UIW Honors Program.

4315 Constitutional Law I: Institutional Powers

This course explores the U.S. Constitution, using the case-study method and historical, institutional, philosophical, and behavioral approaches to the development of constitutional law. Emphasis will be placed on constitutional provisions for presidential, congressional, and judicial powers, as well as states' powers in the federal system. Prerequisites: POLS/GOVT 1315 (or permission of instructor).

4316 Constitutional Law II: Civil Liberties and Civil Rights

This course explores the U.S. Constitution, using the case-study method and historical, institutional, philosophical, and behavioral approaches to the development of constitutional law. Emphasis will be placed on sources of rights and constitutional provisions for civil liberties and civil rights, focusing on U.S. Supreme Court interpretations and applications of the Bill of Rights. The course also examines the social justice dimensions of individual rights and the dilemmas of communitarianism versus individualism in

X. DESCRIPTION OF COURSES

constitutional law. Prerequisites: POLS/GOVT 1315 (or permission of instructor).

4317 Public Policy

This course examines the causes and effects of governmental policy-making, including theories of decision-making and an exploration of the impact of policy on people and institutions. This course also examines political decision-making within an ethical framework. Emphasis is on the impact of political decisions on minorities and the underclass. Prerequisite: POLS/GOVT 1315 (or permission of instructor).

4321 US Foreign Policy

This course examines the formation, implementation, and implications of American foreign policy. The major problems and challenges facing the international community and U.S. reaction to and influence on these problems also will be examined. Primary emphasis will be placed on the post-WWII era. Prerequisites: POLS/GOVT 1315 (or permission of instructor).

4322 National Security Policy

National security policy addresses the political, military, legal and economic factors that affect both security strategy and policy. This course will assess those factors and how they impact possible solutions to those challenges. The course approaches national security from both military and government-wide perspectives and addresses the executive branch, Congress, and global environments. This course also assesses resource requirements and constraints for national security and the federal government in general. Prerequisites: POLS/GOVT 2320 or permission of the instructor.

4323 Politics of Coffee and Sugar

This class explores the history of imperialism in its political, economic, and cultural dimensions through the exploitation of coffee, sugar, and other commodities. Over the course of the semester, we will explore the role of commodities in economic, political, and social transformation; the role of social class and gender in colonial ideologies; the economic, social and environmental impact on colonial rule; the forces behind decolonization; and globalization in the post-colonial world. Prerequisites: POLS/GOVT 2320 (or permission of instructor).

4325 Political Behavior

This course studies the nature of and major influences on public attitudes, the measurement of public opinion, the role of public opinion in government and campaigns, and the impact of media on political campaigns. Prerequisite: POLS/GOVT 1315 (or permission of instructor). May be taken as a CLST elective.

X. DESCRIPTION OF COURSES

4330 International Law

This course examines the development and application of the rules that nations recognize as governing their relationships with one another. Prerequisite: POLS 2320 (or permission of instructor).

4335 Parties and Elections

This course is designed to introduce the student to the basic theories and concepts of political parties in the United States and around the world. Particular emphasis will be placed on the political party system in Texas in comparative perspective. Prerequisites: POLS/GOVT 1315 (or permission of instructor).

4355 Politics of Developing Areas

This course is a general introduction to the study of social and political change and conflict in developing areas of the world. It seeks both to point up the wide diversity of the developing countries around the world in their approaches to social, economic, and political change. Emphasis will be placed on such issues as who governs, the role of the military in politics under different types of regimes, and causes of military intervention, revolution, and transitions to democracy. Prerequisites: POLS/GOVT 2310 (or permission of instructor). May be taken as a CLST elective.

4363 Political Globalization

This course explores the interrelatedness of issues such as food, energy, population, arms race, East/West, and North/South confrontations. It examines alternative world order models. May be taken as a CLST elective.

4365 Political Economy

This course aims to provide students with advanced knowledge concerning analysis of economic and institutional mechanisms of markets and of private and public organizations in order to define their choices and to address problems. Students will acquire knowledge of schemes of economic analysis and a concrete competence in using instruments of quantitative analysis. Prerequisite: ECON 2301 recommended.

4385 Topics in American Politics

This course is an advanced study in Political Science focusing on American politics. The course may be repeated for credit when topics vary. Prerequisite: POLS/GOVT 1315 (or permission of instructor).

4387 Topics in Comparative Politics/International Relations

This course is an advanced study in Political Science focusing on comparative politics or international relations. The course may be repeated for credit when topics vary. May be taken as a CLST elective. Prerequisites: POLS/GOVT 2310 or 2320. Fee.

4391 Political Internship I

This course provides approved internships designed to give qualified students career experience. Credit hours earned depend on number of

X. DESCRIPTION OF COURSES

hours worked as intern. Prerequisite: POLS/GOVT 1315 AND permission of the instructor.

43RCH Honors Senior Research Seminar

This course serves as a capstone experience for Honors students majoring in Government and International Affairs. Using the theories and methods of Government and International Affairs, students will conduct an in-depth examination of a research topic developed in conjunction with and approved by the departmental faculty. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

4490 Political Issues Seminar

This course offers students an opportunity to receive UIW credit for participating in intensive academic seminars offered off campus. Students must have permission of the Discipline Coordinator before applying for the seminar, and students may be required to complete additional work beyond that assigned in the seminar. It may be repeated once for credit when topics vary, but only 4 hours may be counted toward fulfillment of the requirements for the major or minor in Government and International Affairs. Prerequisite: GOVT 1315.

4495 International Affairs Capstone

This course serves as the capstone course for a major in International Affairs. Students will examine and analyze the ways different cultures, histories, political institutions, and economic systems interact. This course also addresses the multiple disciplines and issues encompassed in International Affairs and its related scholarship. Students will participate in extensive research and discussions that will allow them to synthesize the varied aspects of international institutions, policies, relations, and related themes. Prerequisite: GOVT 3110.

4691 Political Internship II

This course provides approved internships designed to give qualified students career experience. Credit hours earned depend on number of hours worked as intern. Prerequisite: POLS/GOVT 1315 AND permission of the instructor.

4692 Political Internship III

This course provides internships in Washington, D.C. It is available only to juniors and seniors. This course may only be taken concurrently with GOVT 4691. May not count toward fulfillment of the requirements for the major. Prerequisite: POLS/GOVT 1315 AND permission of the instructor.

GRAPHIC DESIGN (GDSN)

[Program Description, page 240]

1100 Orientation to Graphic Design

This lecture course serves as the entry-level course for incoming freshman entering the Graphic Design program. The course will cover

X. DESCRIPTION OF COURSES

curriculum issues, industry norms and standards, curriculum expectations, and design standard practices.

1210 Drawing for Designers

This lecture/studio course focus on the development of skill in quick sketching with pencil and marker used in producing thumbnails and roughs for graphic design. Emphasis is placed on the development of skill in type indication, quick accurate sketches of simple images, compositional explorations and exploring visual interpretations. Students will use a variety of drawing techniques. Fee. Prerequisite: GDSN 1380

1215 Digital Imaging

This studio/lecture course covers principles of digital image making and electronic illustration. Emphasis on the relationships between raster & vector based images in producing work for graphic design, fine art, and other uses. Topics include understanding the strengths and limitations of each graphic format, preparing files for presentation, and best practices for file maintenance and management. Fee. Prerequisite: GDSN 1301 and 1380

1301 Graphic Design Software

This studio course is a basic to intermediate overview of the software used in creating vector and raster graphics. Hands-on training with industry standard software for digital image making, scanning, and printing. Topics include graphics design concepts, terminology, processes and procedures. Fee.

1380 Foundations of Design

This studio/lecture course investigates the fundamental concepts of two-dimensional design elements and principles and how they relate to visual communication design. Emphasis for this course is in the theory of design incorporating standard digital tools to aid in this exploration. Topics include understanding communication design using two-dimensional design elements and principles, comparing and contrasting various design styles using digital techniques and tools, and a historical overview and analysis of design through art and design history. Fee.

1390 Typography I

This studio/lecture course investigates fundamental concepts of type design, and the relationships between type and communication. Type as a design element and the visual communication qualities of type will also be studied. Topics may include letterform analysis, typographic classification, page organization, and the use of type in achieving intended communication. Fee. Prerequisite: GDSN 1380

2300 Interactive Design I: Basic Design and Languages

This studio/lecture course focuses on learning basic design concepts, markup and styling languages, and software used in creating a web site. Emphasis on coding languages, image creation and optimization, page

X. DESCRIPTION OF COURSES

design and layout, local and remote file transfers, and troubleshooting web sites. Fee. Prerequisite: GDSN 2300 and 2390 and admission to the major.

2305 Visual Language

This studio/lecture course examines concepts that allow design and visual media to communicate a specific message. Students will undertake projects that examine the role of visual semantics, syntactics and pragmatics in order to better understand the role of design in communication. Fee. Pre-requisites: GDSN 1380 and 1390 and admission to the major.

2310 Graphic Design I: Introduction to Visual Communication

This studio/lecture course is an introduction to visual communication. The focus will be on developing concepts and designs that creatively solve specific given communications problems through a process of research, visual and conceptual explorations, design development, implementation and execution. Also covered will be a basic understanding of print production necessary to the project and more advanced experience with appropriate software. Fee. Prerequisite: GDSN 2305 and 2390 and admission to the major.

2390 Typography II

This studio/lecture builds on learning from Typography 1 to develop a deeper understanding of how to design type for more complex documents. Topics will include using basic grids, designing text for more complex multi-page documents, using type as a means of communication through visual expression and the nuances of communications hierarchy through type formatting. Fee. Prerequisite: GDSN 1390 and admission to the major.

3300 Interactive Design II: User Interface Design

This studio/lecture course focuses on ways of using graphic design principles and design tools to produce projects that are interactive, energetic, strategic, and visually imaginative. Students will learn how to design and develop user interfaces for web sites, apps, kiosks, and other presentations through wireframes and prototypes. This course will also explore the history of interaction design as a way of exploring new and interesting approaches to interface design. Fee. Prerequisite: GDSN 2300 and admission to the major.

3310 Graphic Design II: Visual Systems

This studio/lecture course covers concepts and techniques used in establishing visual identity. Also covered are additional commercial print and production concepts. Fee. Prerequisite: GDSN 2310 and admission to the major.

3320 Motion Design Workshop

This studio/lecture course reinforces basic to advanced graphic design principles through motion graphics. This course will focus on design,

X. DESCRIPTION OF COURSES

composition, communication, timing, emotion, planning, and sound/music synchronization.

3330 Concepting Workshop

This lecture/studio course focuses on the design process as it is used to enhance creative visual communications. Emphasis will be placed on thoroughly exploring multiple solutions through drawing and on critical analysis needed to develop ideas into successful and refined design solutions. Student will use a combination of drawing techniques, problem solving methods and verbal/visual ideation. Prerequisite: CART/GDSN 3300 (Summer)

4230 Senior BFA Seminar

This lecture course prepares students for marketing themselves and job hunting. The capstone would be a final portfolio show hosted by the students but focused on engagement of the local and regional business community for interview and contact development. Topics include job-seeking strategies, presentation skills, interview techniques and networking with professional organizations. Prerequisite: 4301 and 4303 and admission to the major.

4240 Advanced Projects: Graphic Design

This studio/lecture course covers gives students an opportunity to apply all the skills and concepts gained in earlier classes. Emphasis on producing large-scale, high-quality, creative work for inclusion in the Senior Portfolio. Topics focus on areas of specialization, thoroughly investigating issues of current interest in Computer Graphic Arts. Prerequisite: GDSN 4310 and admission to the major.

4250 Advanced Projects: Interactive Design

This studio course gives students an opportunity to apply all the skills and concepts gained in earlier Interactive Design classes. Emphasis on producing large-scale, high-quality, creative work for inclusion in their portfolio. Topics focus on areas of specialization, thoroughly investigating issues of current interest in design. Fee. Prerequisite: GDSN 4300 and admission to the major.

4300 Interactive Design III: Dynamic Web Systems

This studio/lecture course introduces students to dynamic web systems including responsive web design (RWD), database integration, and content management systems (CMS). Students will learn how to plan, design, develop and test dynamically driven web sites that respond to their environment or device. Fee. Prerequisite: GDSN 3300 and admission to the major.

4301 Advanced Projects Practicum

This studio/lecture course gives students an opportunity to apply all the skills and concepts gained in earlier classes. Emphasis on producing large-scale, high-quality, creative work for inclusion in the Senior Portfolio. Topics

X. DESCRIPTION OF COURSES

focus on areas of specialization, thoroughly investigating issues of current interest in Graphic Design. Fee. Prerequisite: GDSN 4300, 4310, and admission to the major.

4302 Cooperative Education Internship

On-the-job training and observation at a graphic design related business. A minimum of 150 hours of work must be completed within the semester. Approval of workplace must be given from the instructor. Prerequisite: GDSN 3300, 3310 and admission to the major.

4303 Senior Portfolio

This studio/lecture course is the final course for the BFA in Graphic Design. Emphasis is on portfolio preparation through identifying, revising, extending, and organization of projects completed in previous courses. Topics include critical analysis of work, comparing physical and digital presentations, developing custom portfolios, and methods of distribution and evaluation. Prerequisite: GDSN4301 and admission to the major.

4310 Graphic Design III: Information Design

This studio/lecture course covers concepts and techniques of informational and wayfinding design. Also covered are additional print and production concepts. Fee. Prerequisite: GDSN 3310 and admission to the major.

4325 Business of Design

This lecture course covers how the communication design industry is structured, and issues related to work as a professional designer. These include estimating and billing, legal, ethical and tax issues, running a studio, professional resources and other issues likely to be encountered in a design career. Fee. Prerequisite: GDSN 3300, 3310, and admission to the major.

4330 History of Communication Design

This lecture course covers the history of contemporary communication design with an emphasis on the design in the context of society and culture. The focus will be on 20th century to the present. Prerequisites: ARTH 2361 and 2362, GDSN 2300 and 2310, and admission to the major.

4380H Graphic Design Honors Project

This independent study course is open to Computer Graphic Arts majors who are Honors program students and will result in a final Honors Senior Project. May not be repeated for credit. Permission of the instructor is required.

4390 Graphic Design World Travel

This lecture/travel course provides students a chance to see how the graphics industry operates throughout culture hubs of the world. Course content includes required travel to city or cities of focus each semester. Fee. Prerequisites: ARTH 2361 and GDSN 1380

X. DESCRIPTION OF COURSES

4399 Special Topics

Prerequisite: GDSN 4300, 4310

HISTORY (HIST)

[Program Description, page 296]

1311 World History, Part I

This course surveys major themes in the settlement by humans in the physical environment from Prehistory. The main emphasis will be on the complex interaction between human history and the environment as early societies develop. Special attention will be paid to the technology that humans develop to control the world around them. Fulfills CORE requirement. (Fall)

1312 World History, Part II

This course surveys major themes in the history of human development in the physical environment after the Middle Ages to the present. The main emphasis will be on the interaction between humans, their developing societies and the environment. The consequences of technology in relation to modernization, industrialization and human habitation form a central theme. Fulfills CORE requirement. (Spring)

1321 The United States to 1865

This course surveys the historical topics of U.S. History from pre-Columbian eras to the Civil War. The main emphasis is on the political, social, economic, and cultural events that shape the developing nation. Fulfills CORE requirement. (Fall)

1322 The United States Since 1865

This course surveys historical topics of U.S. History since Reconstruction to the present. The main emphasis is on the effects of modernization, industrialization and political changes that shape modern America. Fulfills CORE requirement. (Spring)

2322 Texas History

This course surveys the history of Texas from the Spanish Empire to Modern Texas. It studies the impact of the Spanish Empire, the nation of Mexico and twentieth century changes on the political, economic, and cultural history of Texas. Does not fulfill CORE requirement. May be taken as a CLST elective. (Fall, Spring)

2332 Introduction to Asian History

This course surveys the ancient, medieval and modern history of Asia thematically and topically. Through an exploration into the diverse histories of Asia, the course will address such concepts as religious identities, sovereignty, artistic and economic interchange, and the evolution of cultures. In the process, the course will not only illustrate the interconnectedness of Asia, but also point out the economic and cultural ties between various regions of Asia and other parts of the world. This

X. DESCRIPTION OF COURSES

course will provide the foundational knowledge for any upper level course on Asia and Asian Studies. Course will not count toward the Core Curriculum requirement.

2341 Writing in History

This course provides students with the basic tools of historical research, writing, and citation style. This course is required for history majors and minors so that they possess the needed foundational knowledge as they progress in the history curriculum. This course may not be repeated for credit and does not fulfill the Core Curriculum requirement.

3310H Inquiries into Human Stories of the Modern World

The course explores in depth select elements of the human story within the modern period to examine the question of what it means to be human. Interpretations of human records, families, and societies explore several interrelated themes including: individual dignity; community and the common good; class and how the poor are treated; human rights and responsibilities; forms of government; economic organization and justice; human environmental impact; concepts of peace; and religious or spiritual practices to provide evidence of the enduring nature of the human story. This course fulfills the UIW Core requirement for a world or U.S. history course and is restricted to students in the UIW Honors Program.

3324 Colonial America

This course studies the founding and development of the thirteen original colonies, and the political, cultural, religious and economic development of American society prior to the American Revolution.

3325 U.S. National Period

This course studies the Constitutional convention and the presidencies of Washington to Monroe; the origin and impact of political parties; early commercial and industrial development; and changes in American political system and society.

3326 The Rise of Modern America 1870-1920

This course studies the transformation of the United States from an agrarian to an industrial society; the rise of big business, immigration, organized labor, urbanization, populism, and progressivism.

3327 United States from World War I to World War II

This course examines the social, political, and economic issues that influenced America between the world wars. Emphases include the Crash of 1929, the Depression, and the New Deal.

3328 The United States Since 1945

This course studies the various political, social, and economic issues that have influenced contemporary society since World War II.

X. DESCRIPTION OF COURSES

3331 Colonial Latin America

This course studies the establishment and development of the Spanish and Portuguese empires in America to the 1820s. Special emphasis on economic, social, racial, and religious values and traditions. May be taken as a CLST or INST elective.

3332 Latin America Since Independence

This course is a study of the movement for independence, its origins and models. It includes Latin American realities, problems, and prospects in contemporary times. May be taken as a CLST or INST elective.

3340 Modern Europe

This course studies the political, economic, and religious expansion of Europe from the 15th century to World War I; the rise of the modern state system and the nature of modern society since the French Revolution; the ideological roots and nature of totalitarianism as well as the role played by Europe in world affairs from the Cold War to the 1990s; the collapse of the Soviet Union and of Yugoslavia; and the ongoing efforts to create a united European Continent. May be taken as a CLST or INST elective.

4325 Global Human Rights

This course explores the changing concept and practice of human rights in a globalized and politically re-aligned world. The themes to be examined are social justice, human rights in the global context, the challenge of genocidal politics, rights of refugees and the internally displaced, women and child rights, communal politics and religious minorities, class and caste conflicts, ethnicity and identity, environment and development, poverty and global hunger, and the intersection of morality and the pursuit of international justice. The course will also examine governmental policy related to the promotion and protection of human rights through an interventionist and coercive diplomacy as well as an adherence to international norms. The course will be dealt with from a historical perspective and will cover the colonial and post-colonial periods (1600-present). This course may not be repeated for credit and does not fulfill the Core Curriculum requirement.

4332 Mexico

This course studies pre-Columbian civilizations, the Spanish heritage of Mexico, and the movement for independence; the eras of Benito Juarez and Porfirio Diaz; the Mexican Revolution, the rise of Mexican consciousness and the welfare state; and economic and political problems of today. May be taken as a CLST or INST elective.

4336 Topics in Chinese History

This course examines the history and culture of China from the earliest to the present times, topically and thematically. The themes to be addressed in the various topics taught are the rise and growth of the "traditional" Chinese state, the disintegration of China's confident world view during the eighteenth and nineteenth century, the intrusion of European influence and

X. DESCRIPTION OF COURSES

Japanese imperialism in China, and finally the re-emergence of China, merging the ancient traditions with the 19th century developments in the People's Republic of China. The various topics taught in the course will illustrate the interconnectedness of Asia, and point out the economic and cultural ties between various regions of Asia and other parts of the world. May be taken as a CLST or INST elective. May be repeated for credit. Prerequisite: None

4338 Topics in South Asian History

This course examines ancient, medieval and modern history of South Asia, thematically and topically. Topics taught under this course will address how the different factors, political, social, and economic and ideas of caste-class, religion and religious identities, gender, colonialism, nationalism and revolution and lastly regionalism have shaped and molded the region's history. May be repeated for credit. May be taken as a CLST or INST elective. Prerequisite: None

4341 Making History

This course examines historiography of American history, and important schools and representative historians and their works. It also includes study of different methods of research and writing history. Prerequisites: At least 3 semester hours of upper division History courses. May be taken as a CLST or INST elective.

4350 Topics in World History

This course focuses on a variety of topics in world history. These topics can include the history of Africa, the history of Eastern Europe, the history of Asia, and other topics, as they are needed by the department. May be taken as a CLST or INST elective. May be repeated for credit.

4352 Topics In U.S. History

This course provides an umbrella for the study of many political, social, economic, and cultural events and values that have shaped United States History. The topics can vary widely and will be shaped by the individual professor. The course gives an enriching opportunity for students to take a broad range of topics in American History. May be repeated for credit. May be taken as a CLST or INST elective. Prerequisite: None.

4389 History Internship

An internship in a museum or archive through which the historical methods or inquiry and exposition are developed in the context of collecting, organizing, and disseminating the evidence of the past in the form of art, artifacts, and documents for use by researchers or by the general public. Permission of the History department chairperson required. History Internship may be retaken for credit one time. Six hours per week for 12 weeks. (Fall, Spring).

X. DESCRIPTION OF COURSES

4689 Archives/Museum Internship

Students experience working in archives/museums under the guidance of a museum staff member and a faculty advisor/instructor. Prerequisite: Senior standing as a history major and completion of a minimum of nine upper-division history. Permission of the history department chairperson required. Archives/Museum Internship may be retaken for credit one time. Six hours per week for 12 weeks. (Fall, Spring).

HONORS (HONP)

ARTS 4390H Honors Senior Capstone

This course requires students to study and critique exhibitions, examining the idea of the individual object, the object in series and in sequence. Reading and writing about contemporary art as well as participation in the art world through practical application are required. The culmination of this course will be the students' background research, creation, installation, exhibition and critique of their own artwork. Prerequisite: ARTS 1301, 1311, 2301, 2311, 2361, 2362, and Senior standing as an Art major. This course should be taken during the student's last year of undergraduate work. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

BIOL 43RCH Honors Biology Research

This course applies biological studies, research protocols and analytical methods to a research project that includes gather of data, analysis and interpretation of results, and presentation of finds. This course should be taken during the student's last year of undergraduate work. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

BMGT 43RCH Management Honors Research

This course serves as a capstone experience for those Honors students majoring in Business Administration with a concentration in Management. Students will conduct an in-depth examination of a research topic developed in conjunction with and approved by the departmental faculty. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

BMKT 43RCH Marketing Honors Research

This course serves as a capstone experience for those Honors students majoring in Business Administration with a concentration in Marketing. Students will conduct an in-depth examination of a research topic developed in conjunction with and approved by the departmental faculty. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

CHEM 43RCH Honors Chemistry Research

This course allows the student to conduct independent research in chemistry under the supervision of a member of the department, resulting

X. DESCRIPTION OF COURSES

in a written honors thesis. Research topics are offered in selected areas of analytical, inorganic, organic, physical chemistry, and biochemistry. This course is restricted to students in the UIW Honors Program and is not repeatable for credit. Prerequisites: CHEM 2312 and 2112 with a C or better.

CLST 4390H Honors Senior Seminar

This course requires students to synthesize the interdisciplinary nature of Cultural Studies through a meta-analysis of their coursework in the discipline. By utilizing the methods and theories defined and developed in their previous work, students will demonstrate a high mastery of concepts and skills acquired in their major. Prerequisites: CLST 1310, 2320, 3110, 3115, 3120, and 3325. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

COMM 4110H Media and Communication Workshop

This course is a workshop designed to prepare honors students for formal public presentation of their research or creative projects. The workshop will prepare students for successful presentations through instruction in and application of public speaking and the use of electronic media. Prerequisites: the honors student must be in the spring semester of his or her senior year and have successfully completed the research or creative project in his or her major. This course is restricted to students in the UIW Honors Program.

COMM 4380H Honors Communication Arts Capstone

The Honors Capstone class is offered to Communication Arts majors who are following the Honors track program of study. This course is part of the University of the Incarnate Word Honors Program Curriculum. It is designed, in addition to fulfilling disciplinary and UIW Core objectives, to require students to think deeply about what it means to be human. Enrollment is restricted to students who have been accepted into, and are in good standing in this program. The honors student will take this course in his or her senior year.

DWHP 1200H Honors Dimensions of Wellness

This course is designed to help honor students develop an appreciation for and commitment to a wellness lifestyle. The course emphasis is placed on helping students develop self-care abilities related to spiritual, physical, emotional, intellectual, social, and working wellness. Students participate in two in-class aerobic workouts per week. This course fulfills the Core Curriculum requirement for Wellness and is restricted to students in the UIW Honors Program.

ENGL 3310H Human Story Through Literature

This course includes close reading and discussion of texts of all kinds from a wide range of periods and societies to reveal the diversity of literature as a means of cultural statement. This course fulfills the UIW Core requirement for a world literature course. This course is restricted to students in the UIW Honors Program. Prerequisite: ENGL 1312.

X. DESCRIPTION OF COURSES

ENSC 3420H Human Dominated Ecosystems

This course examines the interaction of humans with their environment and with global ecosystems. This course fulfills the Core Curriculum requirement for a science course with a laboratory and is restricted to students in the UIW Honors Program.

FADS 4335H Honors Topics in Fashion Design

This course provides concentrated study in an area of the fashion industry. Course must be taken concurrently with FADS 4360. May not be repeated for credit. Fee.

FMER 4335H Honors Topics in Fashion Merchandising

This course provides concentrated study in an area of the fashion industry. Course must be taken concurrently with FADS 4360. May not be repeated for credit. Fee.

GOVT 43RCH Honors Senior Research Seminar

This course serves as a capstone experience for those Honors students majoring in Government and International Affairs. Utilizing the theories and methods of Government and International Affairs, students will conduct an in-depth examination of a research topic developed in conjunction with and approved by the departmental faculty. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

HIST 3310H Inquiries into Human Stories of the Modern World

The course explores in depth select elements of the human story within the modern period to examine the question of what it means to be human. Interpretations of human records, families, and societies explore several interrelated themes including: individual dignity; community and the common good; class and how the poor are treated; human rights and responsibilities; forms of government; economic organization and justice; human environmental impact; concepts of peace; and religious or spiritual practices to provide evidence of the enduring nature of the human story. This course fulfills the UIW Core requirement for a world or U.S. history course and is restricted to students in the UIW Honors Program.

HONP 1110H Introduction to UIW Honors Program

The purpose of this course is to lay the foundation for the work to be done in the Honors Program over the four years of undergraduate study and develop an awareness of self among others. Students will learn about topics including social justice, communication, the history and mission of the Sisters of Charity of the Incarnate Word, and the Catholic intellectual tradition within education. Students will also participate in co-curricular activities and service learning. This course is restricted to students in the UIW Honors Program.

INTD 43RCH Interior Design Honors Research

This course serves as a capstone experience for those Honors students majoring in Interior Design. Students will conduct an in-depth examination

X. DESCRIPTION OF COURSES

of a research topic developed in conjunction with and approved by the departmental faculty. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

MUSI 43RCH Honors Research and Writing in Music

In this course, the student will become acquainted with the main research tools and resources employed in the various music fields and to the specific skills involved in reading, writing, and communicating ideas in such fields. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

MUTH 43RCH Honors Project in Music Therapy

This course is designed to offer the honors student in the music therapy program the opportunity to complete the honors project that is based upon a research project developed during the student's course of study for the Bachelor of Music degree in music therapy. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

NURS 43RCH Honors Research

A capstone course in the Honor student's major with a focus on research and evidence-based practice in the discipline. Student will explore the research process with a faculty mentor including design, IRB review, review of the pertinent literature, statistical analysis processes, and preparation of proposals, manuscripts and presentations. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

PHIL 1381H The Intellectual Quest

This course is an introduction to philosophy. It treats the origin and definitions of philosophy; the divisions of philosophy; important philosophers and some of their theories; the relationships between philosophy and poetry, faith-based theology, and the natural sciences. This course fulfills the Core Curriculum requirement for Philosophy and is restricted to students in the UIW Honors Program.

PHIL 43RCH Honors Research Project

This Honors Research Project in Philosophy provides the student an opportunity to conduct substantive research and to produce a serious paper which demonstrates a capacity for critical and creative thinking and research in the discipline of philosophy. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

PSYC 4375H Honors Psychological Research

This course focuses on significant modes of psychological inquiry. It gives an in-depth exploration into the types of methodological work employed in the field of psychology. This course is restricted to students in the UIW Honors Program.

X. DESCRIPTION OF COURSES

RELS 1327H Theological Anthropology

This course in theological anthropology examines both traditional and contemporary understandings of the biblical view of humanity as made in the image of God (Gen. 1:27). Special attention is given to how theological anthropologies can function both as a foundation for human dignity and as an inspiration for equality and social justice in the midst of human failings and suffering. This course fulfills the Core Curriculum requirement for Religious Studies and is restricted to students in the UIW Honors Program.

SOCI/GOVT 4310H Social and Political Thought

This course focuses on significant developments in Western social and political thought. It gives an in-dept exploration into the writings and thought of those great thinkers who have shaped our understanding of modernity and what it means to be human. Prerequisite: one history course. This course fulfills the Core Curriculum requirement for social sciences and is restricted to students in the UIW Honors Program.

THAR 4333H Honors Senior Studio

This course serves as a capstone experience for Theatre Arts majors. The course provides an opportunity for students to integrate previous knowledge as well as to pursue their individual theatre-related goals. This course includes the capstone honors project/paper. Prerequisites: THAR 4331, and completion of 90 semester credit hours or permission of the instructor. This course is restricted to students in the UIW Honors Program. Fee. (Fall)

INTERIOR DESIGN (INTD)

[Program Description, page 249]

1301 Computer Literacy for Interior Design

This studio/lecture course is an introduction to basic computer concepts, terminology, processes, procedures and applications. Hands-on training with file management techniques, Internet and email software, online library software, word-processing software, presentation software and spreadsheet software and graphics manipulation software with an emphasis in design and retail industry applications. This course fulfills the computer literacy core requirement. Fee.

1355 Architectural Design I

Study of the basic criteria of design for the built environment. Integration of visual elements and organization of two and three-dimensional space with architectural form and function. Study of theories of major architects and designers and application in design. Fee. Prerequisite: INTD 1361. (Fall)

1358 Introduction to Architectural Drawing and Illustration

Development of perceptual skills and standard graphic language used by designers as a means to design exploration and communication. Study of architectural sketching and basic rendering techniques. Study of

X. DESCRIPTION OF COURSES

orthographic projection and isometrics. Work in pencil and pen. (Spring)
Prerequisite: None

1361 Architectural Drawing I

Fundamentals of the use of architectural drawing equipment. Basic plan layouts and working drawings as a means of transmitting the designer's intent. To include schedules and some interior elevations. Work in pencil. Fee. (Fall) Prerequisites: None

1362 Architectural Drawing II

Continuation of Architectural Drawing I. In-depth practice of working drawings in elevation and section. Study of axonometric. Work in ink. Fee. Prerequisites: INTD 1361. (Spring)

2300 Basic Interior Design

Introductory lecture course for interior design majors, analyzing the elements and principles of design as applied to interior environments. Fundamentals of professional requirements, human factors, structural and environmental systems, properties and applications of interior materials and components of style. (Spring)

2320 Construction, Architectural Components, Systems, and Codes

Introduction into the process of how buildings are put together. Emphasis is on understanding and identifying the components common to all construction. Prerequisites: INTD 1361 (Fall)

2363 Architectural Graphics

Practice in various techniques of black and white and color rendering required for visual communication of the designer's concepts. Fee. Prerequisites: None (Fall)

2364 Color Theory

Developing sensitivity to the effects of color-physiologically, psychological, and emotionally, and the ability to control these elements through color application in various design situations. Prerequisites: INTD 1300 (Fall)

2370 Lighting and Design

Lighting products and their applications within interior environments. Lighting trends and how to create moods with lighting techniques. Technical terminology of lighting will be explored from the architect and designer point-of-view. (Spring)

2375 Space Planning

Principles and procedures of interior and open design systems for quick planning and design of commercial layouts, to include square footage calculations. Fee. Prerequisites: INTD 1361, 1362, (Fall)

X. DESCRIPTION OF COURSES

3350 Interior Materials

Developing good judgment in the purchase, use, and care of materials; identification of finishes, hard and soft surfacing, coloring, and application. Local field trips required. Prerequisites: INTD 1300 (Fall)

3362 History of Architecture and Furniture I

History of furniture interiors and architecture from Egyptian times to the French Renaissance. Prerequisites: None (Fall)

3363 History of Architecture and Furniture II

History of furniture interiors and architecture from the French Renaissance to the 20th Century. Prerequisites: None (Spring)

3367 Residential I

Introduction to solving problems for residential and commercial environments. Organizing and furnishing interiors, estimating cost of materials and furnishings. Projects to be jury critiqued. 6 studio hours a week. Fee. Prerequisites: INTD 1362, 2300, 2320, 2363, and 2370. (Fall)

3370 Commercial I

Interior design problems of moderate scope. Studying human needs and behavioral patterns for specified environments. Design analysis and criticism of concepts. Fee. Prerequisites: INTD 3367. (Spring)

3372 Commercial II

Examination of functional and aesthetically pleasing working environments. Psychological and physical effects on workers and clients in relationship to the designed space are analyzed. Prerequisites: INTD 3367 and 3370 (Fall)

3375 Residential II

Design of larger scale interiors for residential and commercial structures. Analytical study of space and function. Developing presentation boards for color, furnishings, accessories, and building materials. Full perspective drawings with floor plan, elevations, and visual concepts. 6 studio hours a week. Fee. Prerequisite: INTD 3370. (Fall)

3472 CADD for Interior Design

Hands-on computer use with CAD software to explore space planning, architectural floor plans, elevations, and furniture layouts. Fee. Prerequisites: INTD 1361, and 1362.

4320 Architectural Design II

Design of simple structures and dwellings with emphasis on the process by which design evaluations and decisions are made. Study scale models and presentation drawings. Fee. Prerequisites: INTD 1355 and 3370. (Fall)

X. DESCRIPTION OF COURSES

4350 Project Management

This course is the study of the basic managing procedures of interior design projects through a series of detailed interrelated tasks. The designer must not only under take or initiate specific activities, but also know how to document the initiation, progress and completion of the tasks. Prerequisites: INTD 1361 and 1362 (Spring)

4361 Work Experience in Interior Design

Supervised experiences in an approved related work situation to give the student new training experiences and different perspectives. May be taken during junior or senior year. Fee. (Spring)

4363 Environmental Controls

Architectural factors affecting interiors in the areas of sound, lighting, insulation, mechanical and electrical systems, and personal comfort. Prerequisites: INTD 3367 (Fall)

4375 Senior Capstone

Advanced problems in interior design. Coordination of total project including scope of work, furniture, accessories, materials, and lighting schedules. Projects to be jury critiqued. 6 studio hours a week. Fee. Prerequisites: INTD 3372 and 3375, Senior level. (Spring)

4395 Professional Practice/Portfolio

Examination of the business practice and terminology within various business formations of sole proprietorships, partnerships and corporations. The study of written documents and forms; estimating and control of budgets. Senior level. (Spring)

43RCH Interior Design Honors Research

This course serves as a capstone experience for those Honors students majoring in Interior Design. Students will conduct an in-depth examination of a research topic developed in conjunction with and approved by the departmental faculty. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

JUSTICE AND PEACE (JUSP)

[Program Description, page 209]

4390 Justice and Peace

This course serves as the capstone course for a concentration in Justice and Peace Studies. This course addresses the multiple disciplines and issues encompassed in Justice and Peace Studies and its related scholarship. Students will participate in extensive research and discussions that will allow them to synthesize the varied aspects of justice and peace and related themes. Students will critically examine the political and cultural conditions--locally, nationally, and globally--that facilitate or impede progress toward peace and justice. Service learning course.

X. DESCRIPTION OF COURSES

KINESIOLOGY (PEHP)

(see program description page 205)

1160 Military Physical Fitness

This course will concentrate on the following components of physical fitness: cardio and respiratory endurance, muscular strength, and flexibility. Each class session will begin with stretching exercises and will include both strength building and cardio respiratory endurance exercises and activities. The emphasis on military fitness will be a workout containing lower and upper body, abdomen, cardiovascular system and aerobic endurance. The course will prepare students to strive for a healthier lifestyle.

1190 Activity Lab

Testing and assessment of motor skills used in individual and team sports. Recommendations for further development of proficiency in selected skills will be made as a result of the course evaluation.

2301 Tests and Measurement

Principles of measurement, statistical concepts, and evaluation of standardized tests of health-related fitness for physical fitness assessment and skill related fitness testing.

3301 Motor and Fitness Development for Children

Motor development, physical fitness, rhythmic activities, tumbling skills, and perceptual awareness skills and their application to child development (Prerequisite: All Level Kinesiology Majors Only).

3302 Motor and Fitness Development for Pre-Adolescents

Further sequential development of motor skills, physical fitness, rhythmic activities, and tumbling skills. Prerequisite: All Level Kinesiology Majors Only.

3305 Motor Development, Fitness, and Health

An overview of the impact of motor and physical fitness development upon children from birth to pre-adolescence. Activities to enhance motor development and provide a healthy lifestyle.

3307 Worksite Health Promotion

Students will design and implement interventions that generate improvements in workers' health and business performance.

3312 Motor and Fitness Development for Adolescents

Further sequential development of motor skills and physical fitness that foster the knowledge and skills needed for developing an active lifestyle and lifetime sport activities.

X. DESCRIPTION OF COURSES

3314 Theories of Coaching

Practical application of coaching theories including coaching techniques and officiating.

3315 Principles of Health

A pedagogical approach to teaching health concepts for EC-12.

3350 Theory of Movement Forms: Analysis and Construction

The interrelationship of kinematics and kinetics of motion. Physiological and psychological development of the child in relation to learning neuromuscular activities.

3355 Theory of Movement Forms: Analysis and Construction

The interrelationship of kinematics and kinetics of motion. Physiological and psychological development of the child in relation to learning neuromuscular activities. This course is specific to the needs of athletic training and rehabilitative science majors.

3371 Care and Prevention of Injuries

Basic first aid theory and skills. Techniques for the care and prevention of athletic injuries, including CPR.

4301 Principles of Human Movement

The humanistic foundations of movement with emphasis on history and philosophy. A study of the impact of motor learning, exercise physiology and biomechanics upon human physical performance (Prerequisite PEHP 3301 or PEHP 3302 or PEHP 3312)

4333 Fundamentals of Human Performance

The theoretical study and practical application of exercise through an understanding of the metabolic and energetic process. To include topics which impact performance such as body composition, nutrition, training, environment, aging, disease, and substance abuse.

4338 Fundamentals of Human Performance

The theoretical study and practical application of exercise through an understanding of the metabolic and energetic process. To include topics which impact performance such as body composition, nutrition, training, environment, aging, disease, and substance abuse. This course is specific to the needs of athletic training and rehabilitative science majors.

4345 Psychomotor Development: Educational Implications

Normal psychomotor development and study of the range of planned motor development and physical conditioning activities for young children and persons exhibiting delays in motor abilities.

4395 Practical Experience

Educational experience for the non-certification or personal training track.

X. DESCRIPTION OF COURSES

MATHEMATICS (MATH)

[Program Description, page 262]

0318 Introduction to Geometry, Probability and Statistics

This course is a review of basic algebra, geometry, probability, and statistics concepts. Algebra concepts consist of solving basic linear equations and graphing linear functions. The course also focuses on measures of central tendency, counting principles and methods, visual displays of data, measures of distribution, fundamental concepts and applications of geometry and measurement, constructions, and applications of the Pythagorean Theorem. This course does not count as credit hours toward a degree.

0319 Introductory Algebra

This course is a review of basic algebra skills. Its topics include operations with polynomials, factoring, rational expressions, graphing linear equations, solving linear equations, systems of linear equations and quadratic equations, simplifying expressions involving roots and radicals; solving equations with roots and radicals and understanding the concept of a function. This course does not count as credit hours toward a degree.

1304 College Algebra

This course covers algebraic operations, functions and functional notation; polynomial equations and inequalities; graphing techniques, graphs of polynomial and rational functions; logarithms and exponentials; and, problems from the physical and social sciences and business. It can be used to satisfy the core requirement in mathematics for students in certain major programs, as well as enhance those programs with a strong mathematics component. Prerequisite: Placement at college level according to UIW math placement policy or completion of MATH 0319. This course serves as a prerequisite for MATH 1311. It will not count as an elective for mathematics majors.

1306 College Geometry

This course aims to convey depth in geometric thinking, as well as the breadth of geometrical connections to disciplines from the liberal and fine arts, business, engineering, and the sciences. Study will include the foundations of measurement and construction in plane and solid geometry described by Euclid. It can be used to satisfy the core requirement in mathematics for students in certain major programs, as well as enhance those programs with a strong mathematics component. Prerequisite: Placement at college level according to UIW math placement policy or completion of MATH 0318. It will not count as an elective for mathematics majors.

1308 Finite Math

This is a three-hour course that covers problem solving, set theory, logic, linear equations, and consumer mathematics; an emphasis is placed on applications related to business and finance. The content level of MATH

X. DESCRIPTION OF COURSES

1308 is comparable to the level of College Algebra, MATH 1304. This course is intended to meet the core mathematics requirement for selected majors. It may not be repeated for credit. Prerequisite: Placement at college level according to UIW math placement policy or completion of MATH 0318. This course will not count as an elective for mathematics majors.

1311 Precalculus

This course includes functions and their inverses, exponential, logarithmic, and trigonometric functions, analytic trigonometry, sequences and series, the binomial theorem; conics; parametric equations; and polar coordinates and graphs. Prerequisite: Math 1304 or sufficiently strong high school mathematics, SAT or ACT score. This course serves as a prerequisite for Math 2312. It will not count as an elective for mathematics majors.

2303 Introduction to Probability and Statistics

This course covers elementary probability theory, techniques of statistical inference including sampling theory, estimation procedures, and hypothesis testing. It can be used to satisfy the core requirement in mathematics for students in certain major programs, as well as enhance those programs with a strong mathematics component. Prerequisite: Placement at college level according to UIW math placement policy or completion of MATH 0318.

2312 Calculus I

This course includes functions, limits, derivatives, indeterminate forms, and integrals; exponential and logarithmic functions; inverse trigonometric functions; and applications. Prerequisite: MATH 1311 or sufficiently strong scores in high school mathematics.

2313 Calculus II

This course includes techniques of integration, applications of integration, improper integrals, infinite series and calculus using polar and parametric curves. Prerequisite: MATH 2312 (Fall and Spring)

2314 Differential Equations

This course covers various methods to solve linear and nonlinear differential equations and applications of differential equations to a variety of scientific disciplines. Prerequisite: MATH 2313

2322 Linear Algebra

This course covers vector spaces, linear transformations and matrices. Prerequisite: MATH 1304 (Fall)

2340 Computer Programming for Mathematics, Sciences and Engineering

This is an introductory course in C programming for mathematics, science, and engineering majors. Topics include: data types and related operations, floating errors, input/output, control structures, functions, arrays,

X. DESCRIPTION OF COURSES

data structure, files and strings processing. Program design, debugging techniques and good programming practices will also be discussed. Programming exercises and projects will emphasize problems and applications in mathematics, science, and engineering fields. This course will not count toward the required mathematics credit on the Core. Prerequisites: MATH 1304 with a C or better or permission of the instructor.

2374 Mathematics for Elementary Teachers

This course covers the mathematical foundations of elementary school mathematics. Topics include set theory, number theory, Euclidean geometry, probability and statistics. Prerequisite: Completion of MATH 1304. It will not count as an elective for mathematics majors or as a CORE mathematics course. This course serves as a prerequisite for MATH 2375.

2375 Mathematics and Science Pedagogy for Elementary Teachers

This course investigates the nature of scientific inquiry, the nature of mathematical inquiry, and their interdependence. Topics include mathematics and science fundamentals relevant to elementary science and mathematics, the learning theory behind integration of subject areas, techniques for planning and conducting integrated units, and assessment of learning objectives. Prerequisites: Completion of MATH 1304, MATH 2374, and PHYS 2370. It will not count as an elective for mathematics majors or as a CORE mathematics course.

3314 Calculus III

This course covers vectors, differential calculus of functions of several variables, multiple integrals, and applications. Prerequisite: MATH 2313

3320 Foundations of Higher Mathematics

This course is a rigorous development of ideas prerequisite to the study of abstract mathematics with emphasis on learning mathematical fundamentals and the techniques of proof while proving some basic theorems involving logic, set theory, relations, and functions. Prerequisite: MATH 2313

3325 Abstract Algebra and Number Theory

This course introduces groups, rings, and fields. Algebraic ideas are developed in parallel with the considerations of congruence and congruence classes, which normally arise in elementary number theory. It includes applications to the theory of equations. Prerequisite: MATH 3320

3331 Foundations of Probability and Statistics

This three-hour course covers probability, fundamentals of statistics, functions of random variables, discrete and continuous distributions, moments and moment-generating functions. It is part one of a two-course sequence with MATH 3332, Foundations of Statistical Inference. Prerequisites: Students should have either completed MATH 2313, Calculus II, or be enrolled in MATH 2313 in the same semester with this course.

X. DESCRIPTION OF COURSES

3332 Foundations of Statistical Inference

This three-hour course covers techniques of statistical inference including sampling theory, estimation procedures, hypothesis testing, and method of maximum likelihood. It is part two of a two-course sequence with MATH 3331, Foundations of Probability and Statistics. Prerequisite: MATH 3331

3333 Application of Statistical Methods I

In this course students will learn strategies for solving practical problems using statistical methods--identify appropriate methods, perform the analysis, interpret results, and write a report of the analysis. Students will also learn the principles of experimental design, -sample and 2-sample inference methods for the variance and the mean, nonparametric methods, analysis of variance for different experimental designs, principles of categorical data analysis, and regression analysis using the software packages Minitab, JMP, and R. Prerequisite: MATH 2303 with a C or better or permission from the instructor.

3335 Geometry and Proof

This course will serve as an overview of mathematical topics relevant to the teacher of secondary mathematics. A problem-solving and technologically-based approach to areas including geometry, trigonometry and logic will be used. Prerequisite: MATH 3320 or permission from the instructor.

3340 History of Mathematics

This course covers the historical development of mathematics, algebra, geometry, and the evolution of symbolism. Prerequisite: MATH 2313

3350 Introduction to Real Analysis

This course introduces students to fundamental concepts of real analysis, starting with the axioms and properties of the real number system. Students will also be introduced to the rigorous foundation of selected calculus concepts such as limits, continuity, differentiability and integrability. Prerequisite: MATH 3320

3355 Introduction to Numerical Analysis

This course covers elementary numerical algorithms for mathematical and scientific computing: interpolation, numerical calculus, and numerical solutions to algebraic equations and systems of equations and differential equations. Topics also include eigenvalue problems and matrix decompositions. Prerequisite: MATH 2313 and MATH/ENGR 2340 (or one higher level computer programming language in place of MATH 2340 years)

3360 Discrete Mathematics

This course is an introduction to non-continuous mathematics, which contains topics of interest in computer science, social science, management, and mathematics. Topics include logic, counting, relations,

X. DESCRIPTION OF COURSES

graph theory and algorithms. Prerequisite: MATH 3320 (Not offered regularly)

3370 Mathematics Modeling

This course starts with an introduction to mathematical modeling. Major topics include discrete models, discrete dynamical systems, data and curve fitting techniques, Monte Carlo simulations and an introduction to continuous modeling with Differential Equations. Prerequisite: MATH 2313

4196 Mathematics Reading and Research II

This is the second component of a two-course sequence. This course is designed to introduce students to a broad view of mathematics and basic technical skills to do mathematics research. A variety of research methodologies will be discussed and critical thinking skills, the ethical content of research, and various journal writing styles will be emphasized. Prerequisite: MATH 4295 with a "B" or better and permission of the instructor.

4295 Mathematics Reading and Research I

This is the first component of a two-course sequence. This course is designed to introduce students to a broad view of mathematics and basic technical skills to do mathematics research. This course consists of reading mathematics literature, organizing and delivering a mathematical presentation and learning to choose a research project through searching and reviewing the literature. Prerequisite: MATH 3320 plus one additional upper level mathematics courses and permission of the instructor.

4333 Application of Statistical Methods II

In this course students will learn strategies for solving practical problems using advance statistical methods. Student will learn to use a variety of software packages to fit ordinary regression models, logistic regression models, Poisson regression models, and time series models. Special emphasis is placed on the interpretation the software output, the identification of the best fitting model, and perform residual analysis to verify assumptions, as well as on the writing of comprehensive analysis report. Prerequisite: MATH 3333

4335 Computational Statistics and Its Applications

In this course, students will learn the basics of R programming and the application, at an introductory level, of methods for the asymptotic evaluation of estimators, the generation of observations of random variables, testing hypothesis, and generating confidence intervals using jack knife and bootstrap techniques, finding estimators using the expectation-Maximization algorithm, as well as the application of Markov Chain Monte Carlo (MCMC) simulations and its use in Bayesian methods. Prerequisite: MATH 3332

X. DESCRIPTION OF COURSES

4341 Modern Geometry

This course covers Euclidean and non-Euclidean geometries using both groups of transformations and sets of axioms to classify geometries. Applications and problem-solving within these geometries is addressed. Prerequisite: MATH 3320

4348 Introduction to Number Theory

This is a three-hour course which includes the study of the division algorithm, the Euclidean algorithm, elementary properties of primes, congruences including Fermat's and Euler's theorem, quadratic congruences, primitive roots, indices and cryptology. Prerequisite: MATH 3320

4370 Mathematics Modeling of Natural Processes

This is a three-hour course that provides students with the mathematical and computational tools necessary to understand, model, analyze and modify a variety of biological systems and their dynamics. Topics will be discussed in the context of both continuous and discrete models and be epidemiology, ecology, genetics, evolution, and DNA sequencing. Prerequisite: MATH 2314 with a "C" or better, or permission of the instructor.

4x99 Selected Topics

Selected topics relevant to mathematics majors. Credit hours may vary. Course may be repeated for credit if topics are different. Prerequisite: Junior or senior standing.

METEOROLOGY (METR)

[Program Description, page 263]

1125 Natural Hazards Lab

Topics in this lab course include the analysis and interpretation of geologic and topographic maps that illustrate earthquake zones, potential areas subject to tsunamis, volcanic eruptions and associated lahars, potential areas of landslides, and other hazardous geologic features. Labs also include analysis of floods and flood frequency, and impact of severe storms to hurricanes on the environment. Fee.

1325 Natural Hazards

Natural hazards is a survey of the natural events that affect the Earth including, severe thunderstorms, extreme hail events, lightning, hurricanes, tornadoes, floods, tsunamis, earthquakes, and volcanic events.

1360 Climatology

Climatology is an introduction to the Earth's the basic physical concepts of weather and climate, the relationship between atmospheric processes and a variety of other aspects of our physical environment, Earth's history, agriculture, our economy, and society.

X. DESCRIPTION OF COURSES

1430 Meteorology

This course is a study of the composition, structure, and physical properties of the Earth's atmosphere. Course includes a study of the interaction of the Earth's atmosphere with the land, oceans, and life on Earth. Majors in Meteorology and Broadcast Meteorology must pass course with at least a grade of C before taking upper-division Meteorology courses. Fee. (Spring)

3310 Radar Meteorology

The course explores the physics of the primary ground-based remote sensors used for operational monitoring of the atmosphere. The capabilities and limitations of the various systems will be studied to determine their impact on applications. The use and applications of remote sensors will include meteorological radar and wind profilers. Prerequisites: METR 3360.

3315 Synoptic Meteorology I

Synoptic meteorology is an introduction to atmospheric structure, elementary thermodynamics, synoptic meteorology, and use of computers in meteorology. The course includes theory and practice of weather analysis and forecasting, surface and upper air analysis, fronts and wave cyclones, satellite meteorology, sounding analysis, thermodynamic diagram, cross sections, forecasting, NMC models, MOS, radar meteorology, severe weather. Prerequisites: METR 3310.

3320 Forecasting I

A survey forecast guidance products and the application of physical principles to weather forecasting and the interpretation and use of computer-generated forecast guidance products of the National Weather Service. Prerequisites: METR 3315

3325 Thermodynamic Meteorology

This course is a study of atmospheric processes that influence and play a part in the development and behavior of large-scale weather systems. Prerequisites: METR 3335, METR 3320, and MATH 2312

3330 Forecasting II

The course involves an application of physical principles to weather forecasting and the use and interpretation of computer-generated forecast guidance products of the National Weather Service. The course includes an introduction to the structure and dynamics of convective and mesoscale phenomena, including mesoscale convective systems, severe thunderstorms, tornadoes, low-level jets, mountain waves and hurricanes. Prerequisites: METR 3320.

3335 Severe Weather

Severe weather involves a detailed descriptive account of the physical processes important in the formation of various severe and unusual weather phenomena including: thunderstorms, tornadoes, hail storms, lightning,

X. DESCRIPTION OF COURSES

hurricanes, mid-latitude snowstorms, lake effect snows, atmospheric optical effects, and global climate change. Prerequisites: METR 1430

3340 Hydrology

The course is an overview of hydrological processes with emphasis on the hydrological cycle, surface hydrology, groundwater hydrology, measurement techniques and interpretation of stream flow, precipitation, soil moisture, and rainfall runoff. Prerequisites: METR 1430.

3345 Statistical Climatology

The course is a survey of the types of statistical weather data available for analysis and interpretation of climate and climate change. Statistical analysis includes examination of observational data and manipulation of the data on various temporal and spatial scales. Prerequisites: METR 3310.

3350 Synoptic Meteorology II

The course is a study of the theory and practice of weather analysis and forecasting, surface and upper air analysis, fronts and wave cyclones, satellite meteorology, sounding analysis, thermodynamic diagram, cross sections, forecasting, NMC models, MOS, radar meteorology, severe weather. Prerequisites: METR 3315

3355 Geographic Information Systems (GIS) in Meteorology

This course deals with the design and implementation and use of GIS in decision-making and problem solving in meteorology. This course will further the students understanding of how GIS can be implemented and utilized in weather related operations areas. Prerequisite: METR 3310

3360 Satellite Meteorology

The course focuses on applications of remote sensing of the atmosphere using satellite observations, including cloud detection and the retrieval of atmospheric temperature, and atmospheric moisture and ozone content. The course also teaches the interpretation of imagery collected from weather satellites. Prerequisites: METR 1430.

3365 Physical Meteorology

This course is a study of optical, electrical, acoustic, and thermodynamic properties of the atmosphere including physical processes that transport momentum, energy, and water vertically in the atmosphere. These physical processes include turbulence and convection, cloud formation and precipitation, and radiative transfer. Prerequisites: METR 3325.

3375 Atmospheric Dynamics I

This course covers the basics of atmospheric dynamics including conservation laws, development of the equations of motion, thermal wind, circulation and vorticity, geostrophy, quasi-geostrophic motions, waves, and instabilities. It involves observational and theoretical analysis of all motion systems of meteorological significance. fundamental principles of physics

X. DESCRIPTION OF COURSES

are applied to explain the dynamical processes that operate in the Earth's atmosphere. Prerequisite: METR 3325

3380 Atmospheric Dynamics II

This course involves observational and theoretical analysis of the concepts of circulation and vorticity and examines the principal features of the atmospheric planetary boundary layer dynamics. Fundamental principles of physics are applied to explain the dynamical processes that operate in the Earth's atmosphere. Prerequisite: METR 3375

4310 Weathercasting I

The course is a survey of weather graphic systems used in the broadcast industry and their use in developing weathercasts for television. Prerequisites: METR 3330, METR 3350.

4315 Air Pollution Meteorology

The course explores the physics and chemistry of air pollution in the Earth's atmosphere. Topics covered throughout the course include types of air pollutants, local and global distribution of pollutants, production and transport mechanisms of pollutants, and pollution sinks. The effects of air pollution will also be examined including the monitoring, surveillance, and management of air quality. Prerequisites: METR 1430

4320 Weathercasting II

The course includes the use and application of weather graphic systems to develop on-air weather broadcasts, with an emphasis on severe weather coverage. Prerequisite: METR 4310.

4325 Climate Modeling

This course involves the study and applications of computer models to predict short-term and long-term climate changes on the Earth. Topics covered include the use and application of models to predict short-term (10-50 years) changes in temperature and precipitation at local and regional levels, longer-term (50-100 years) changes in concentrations of selected atmospheric gases such as carbon dioxide, and long-term changes (greater than 100 years) in global climate including changes in concentrations in greenhouse gases, global warming, sea level, and sea surface temperature. Prerequisites: METR 1430

4330 Workshop in Meteorology

This course is designed to provide the student with a series of meteorological short-courses in a professional conference format with opportunities for students to present case studies of selected weather events/phenomena and to hear presentations from, among others, the National Weather Service, NOAA, NASA, EPA and UIW faculty. Prerequisites: Completion of all course requirements for the Broadcast Meteorology program.

X. DESCRIPTION OF COURSES

4371 Special Topics in Meteorology

This course includes an in-depth study of one or more of the following topics in forecasting, Weathercasting, applications of GIS in meteorology, severe weather, and climate studies. Prerequisite: 18 hours of upper-level Meteorology courses.

MODERN LANGUAGES

1311 Elementary Modern Language I

This course introduces students to the fundamentals of a modern language with emphasis on developing listening comprehension and speaking skills. It includes activities for developing abilities in speaking, listening, reading, and writing. 3 class hours. Individual laboratory. (Fall)

1312 Elementary Modern Language II

This course continues to present the fundamentals of a modern language with emphasis on developing listening comprehension and speaking skills, while providing more emphasis on abilities in reading and writing. It includes activities for developing abilities in speaking, listening, reading, and writing. 3 class hours. Individual laboratory. Prerequisite: Elementary Modern Language 1311. (Spring)

2311 Intermediate Modern Language I: Oral Communication

This course provides extensive practice in oral communication, with emphasis on the development of oral proficiency and skills such as discussion, reading aloud, story telling, informative presentations, and persuasive speaking. It includes a review of grammar and usage in the context of the spoken word. 3 class hours. Individual laboratory. Prerequisites: Elementary Modern Language 1311 and 1312 or equivalent. (Fall, as required)

2312 Intermediate Modern Language II: Writing

This course provides extensive practice of written Modern Language appropriate for limited publication, such as newsletters and collections of recipes, essays, and other academic or creative writing. It presents grammar usage, as well as spelling, punctuation, and use of orthographic accent, in the context of writing for a wider audience. 3 class hours. Individual laboratory. Prerequisites: Elementary Modern Language 2311. (Spring, as required)

4XXX Topics in Advanced Modern Languages

This course offers advanced study in a modern language, including grammar, composition, linguistics, culture, or literature. It is available with variable credits and may be repeated for credit when topics vary. Prerequisites: Six hours of intermediate study in the same modern language or consent of the course instructor. Credits vary according to the topic selection. (As required)

X. DESCRIPTION OF COURSES

MUSIC, APPLIED PRIVATE (MUAP)

APPLIED MUSIC, PRIVATE INSTRUCTION (MUAP)

1244 Basic Instrumental Private Instruction

This course provides individual applied instruction with a focus on basic and early intermediate reading and technical skills. The course is open to both Music majors and non-majors. With the exception of Music Therapy majors, Music majors will take this course as remedial; it will not count toward their degree plan.

1254, 1255, 2254, 2255, 3254, 3255, 4254, 4255 Private Instruction: Instrumental

This course provides individual applied instruction with a focus on the development of technical and expressive maturity, and on the coverage of original/true repertoire for the instrument. Prerequisites: Permission of the instructor. Fee (Every semester)

1276, 1277, 2276, 2277, 3276, 3277, 4276, 4277 Private Instruction: Voice

Beginning private instruction. Development of sound vocal technique and performance repertoire, including pieces from Italian anthologies, English, American, Spanish and other appropriate literature for the college beginner. Courses beyond the first year provide further development of sound vocal technique in the classical style with more advanced repertoire in the German, English, Spanish, and Italian languages. More advanced interpretive skills are developed. Prerequisites: MUSI 1311 Singing for Beginners or permission of instructor. Fee. (Every semester)

2256, 2257, 3256, 3257, 4256, 4257 Private Instruction: Composition

Instruction in composition is offered on an individual basis. Students will create original music and will also receive training in the use of computer music notation software. The instructor determines placement. Prerequisites: MUSI 1322, MUSI 1192, and permission of the instructor. Fee (Every semester)

3110 Chamber Music

of This course provides students with the opportunity to play and to receive professional coaching in the performance of music for small groups of instruments. Types chamber music played by students will likely change from semester to semester and will depend on who enrolls but may include string quartets, woodwind quintets, and piano trios. Prerequisites: Upper-level MUAP and/or instructor permission.

3358 Private Instruction: Electronic Composition

Private instruction in electronic composition. Students will gain proficiency with the music technology tools currently in use by professional composers. Prerequisite: Permission of the instructor. May be repeated for credit. Fee (Every semester)

X. DESCRIPTION OF COURSES

3389 Private Instruction: Jazz Improvisation

Private instruction in the development of skills in jazz and blues improvisation. This course may not replace applied music requirements for any Music degree. Prerequisite: Permission of instructor. Fee (Every semester)

3390 Introduction to Film Scoring

Private instruction covering all aspects of dramatic film scoring from the initial "spotting session" to final delivery of a completed score. Prerequisites: Permission of the instructor. May be repeated for credit.

4088 Recital

This course is the capstone requirement that involves the public performance of repertoire on the principal instrument.

4090 Composition Recital

Capstone Requirement that involves the public performance of a student's originally composed works.

4278 Private Instruction: Vocal Coaching

Instruction in vocal coaching is offered on an individual basis. This course entails the musical, lingual, and interpretative preparation of advanced vocal repertoire. Prerequisite: Permission of the instructor. Student must be concurrently enrolled in Private Instruction: Voice MUAP 3276, MUAP 3277, MUAP 4276, or MUAP 4277. Fee (Every semester)

MUSIC AND ENSEMBLE (MUSI)

[Program Description, page 139]

1100 Introduction to Aural Skills

This course is an introduction to aural skills for students who have little previous experience in ear training. Required for all entering freshman Music majors or minors who score 69% or less in the aural skills entrance diagnostic test. Must be taken with MUSI 1300. (Spring)

1111 Keyboard Skills I

This course is the first of a three semester sequence that provides all Music majors with functional keyboard skills and enhances the learning of music theory through the application of theoretical concepts at the keyboard. This course is the prerequisite for MUSI 1121. Must be taken concurrently with MUSI 1321. (Fall)

1121 Keyboard Skills II

This course is the second of a three semester sequence that provides all Music majors with functional keyboard skills and enhances the learning of music theory through the application of theoretical concepts at the keyboard. This course is the prerequisite for MUSI 2111. Prerequisite: MUSI 1111. Must be taken concurrently with MUSI 1322. (Spring).

X. DESCRIPTION OF COURSES

1131 Cardinal Chorale

Open to all members of the Incarnate Word Community, the Chorale is the primary vocal ensemble at UIW. Partially fulfills the CORE Fine Arts requirement. The Chorale represents the University in concerts and public performances throughout the school year. May be repeated for credit. Admission by audition only. Fee (Every semester)

1140 Cardinal Band

The Cardinal Band represents the university in concerts, home football games, and public performances throughout the school year. It partially fulfills the Core Fine Arts requirement. Admission by audition only. Fee. (Fall semester)

1181 Orchestra

The UIW Community Orchestra is a performing group open to all students of the University and musicians from the San Antonio area that have instrumental performing experience. Partially fulfills the CORE Fine Arts requirement. May be repeated for credit. Admission by audition only. Fee (Every semester)

1182 Jazz Ensemble

The Jazz Ensemble performs a variety of jazz and contemporary styles of music. Partially fulfills the CORE Fine Arts requirement. Admission by audition only. Fee. (Every semester)

1185 Wind Ensemble

The UIW wind ensemble is comprised of students and members of the community who play brass, woodwind, and percussion instruments. Wind ensemble repertoire of various styles and historical periods is performed. Partially fulfills the CORE Fine Arts requirement. Admission by audition only. Fee. (Spring semester)

1191 Aural Skills I

This course covers melodic, harmonic, and rhythmic dictation; ear training; and sight singing. Prerequisite: score of at least 70% on the aural skills entrance diagnostic test. Must be taken with MUSI 1321. (Fall)

1192 Aural Skills II

This course is a continuation of MUSI 1191. Prerequisite: MUSI 1191. Must be taken with MUSI 1322. (Spring)

1300 Introduction to Music Theory

This course is an introduction to music theory for students who have little previous experience with technical aspects of music. Required for all entering freshman Music majors or minors who score 69% or less in the music theory entrance diagnostic test. Must be taken with MUSI 1100. (As needed)

X. DESCRIPTION OF COURSES

1311 Singing for Beginners

This course is especially designed for non-music majors and non-voice majors. It focuses on principles of breathing and tone production, fundamentals of diction, basic music reading, and simple songs. May be repeated for credit. Fulfills CORE Fine Arts requirement. (Every semester)

1320 Music Appreciation

This course exposes the non-musician to the basic mechanics of music and music making (instruments, sound, rhythm, texture, etc.) and also to a wide variety of musical styles, from the middle ages to the pop genres of the present. It is expected that students will obtain the tools and the experience necessary in order to develop the capacity to understand and value different musical styles. It fulfills the CORE Fine Arts requirement. No prerequisite. (Fall)

1321 Music Theory I

This is the first of a four-course sequence designed to offer an introduction to the principles and practice of harmony in Western music from the seventeenth century to the present day. Prerequisite: score of at least 70% on the theory entrance diagnostic test. Must be taken with MUSI 1191 and MUSI 1111. (Fall)

1322 Music Theory II

This is the second of a four-course sequence designed to offer an introduction to the principles and practice of harmony in Western music from the seventeenth century to the present day. Prerequisite: MUSI 1321. Must be taken with MUSI 1192 and MUSI 1121. (Spring)

1381 Class Piano

This beginning-level course is especially designed for non-Music majors. Basic music reading skills are developed and basic popular repertoire is covered. Fulfills CORE Fine Arts requirement. No prerequisite. (Every semester)

1391 Class Guitar

This beginning-level course is especially designed for non-Music majors. Students will learn the fundamentals of reading music as well as basic right and left hand guitar technique. Students must provide their own guitar. Fulfills CORE Fine Arts requirement. No prerequisite. (Every semester)

2110 Keyboard Skills III

This course is the third of a three semester sequence that provides all Music majors with functional keyboard skills and enhances the learning of music theory through the application of theoretical concepts at the keyboard.. Prerequisite: MUSI 1121. Must be taken concurrently with MUSI 2323. (Fall)

X. DESCRIPTION OF COURSES

2120 Keyboard Skills IV

This course is the fourth of a four-semester sequence that provides all Music majors with functional keyboard skills and enhances the learning of music theory through the application of theoretical concepts at the keyboard. All Music majors take the Keyboard Proficiency Exam at the end of this course. Prerequisites: MUSI 2110. (Spring)

2132 Cardinal Singers

Cardinal Singers is a select vocal ensemble. Prerequisite: Concurrent enrollment in MUSI 1131 Chorale, and audition with instructor. Partially fulfills the CORE Fine Arts requirement for non-Music majors and Music minors. May be repeated for credit. Fee (Every semester)

2193 Advanced Aural Skills III

This course is a continuation of MUSI 1192. Prerequisite: MUSI 1192 Must be taken with MUSI 2323. (Fall)

2194 Advanced Aural Skills IV

This course is a continuation of MUSI 2193. Prerequisite: MUSI 2193. Must be taken with MUSI 3324. (Spring)

2323 Music Theory III

This is the third of a four-course sequence designed to offer an introduction to the principles and practice of harmony in Western music from the seventeenth century to the present day. Must be taken with MUSI 2193 and MUSI 2110. Prerequisite: MUSI 1322. (Fall)

2346 History of Jazz

This course offers a survey of jazz artists and jazz styles; topics include: Cultural and musical origins of jazz, blues, ragtime, Dixieland, the swing era, bebop, fusion, contemporary styles, and artists associated with all of these. Fulfills CORE Fine Arts requirement for non-majors; available to Music majors as an elective. No prerequisite. May be taken as a CLST elective. (As needed)

3101 Woodwind Instrument Techniques

This course addresses techniques necessary for effective classroom instruction in beginning instrumental music classes. Students will receive instruction on the basic skills of woodwind performance and development of fundamental skills on each woodwind instrument. Classroom management and pedagogical strategies will be discussed to create the proper environment for beginning band students. Instruments will include flute, clarinet, oboe, bassoon, and saxophone. Prerequisite: MUSI 1322. Fee (As needed)

3103 Brass Instrument Techniques

This course addresses techniques necessary for effective classroom instruction in beginning instrumental music classes. Students will receive instruction on the basic skills of brass performance and development of

X. DESCRIPTION OF COURSES

fundamental skills on each brass instrument. Classroom management and pedagogical strategies will be discussed to create the proper environment for beginning band students. Instruments will include trumpet, French horn, trombone, baritone, and tuba. Prerequisite: MUSI 1322. Fee (As needed)

3105 String Instrument Techniques

This course addresses techniques necessary for effective classroom instruction in beginning instrumental music classes. Students will receive instruction on the basic skills of string performance and development of fundamental skills on each string instrument. Classroom management and pedagogical strategies will be discussed to create the proper environment for beginning band students. Instruments will include violin, viola, cello, and bass. Prerequisite: MUSI 1322. Fee (As needed)

3107 Percussion Instrument Techniques

This course addresses techniques necessary for effective classroom instruction in beginning instrumental music classes. Students will receive instruction on the basic skills of percussions performance and development of fundamental skills on each percussion instrument. Classroom management and pedagogical strategies will be discussed to create the proper environment for beginning band students. Instruments will include snare drum, bass drum, timpani, keyboards, accessory instruments. Prerequisite: MUSI 1322. Fee (As needed)

3323 Orchestration

This course covers instrumentation and aspects of orchestration so that the student will learn how to score and arrange music for various types of small and large ensembles. Prerequisite: MUSI 3324. (Odd-numbered Falls)

3324 Music Theory IV

This is the fourth of a four-course sequence designed to offer an introduction to the principles and practice of harmony in Western music from the seventeenth century to the present day. Must be taken with MUSI 2194. Prerequisite: MUSI 2323. (Spring)

3327 Counterpoint

Renaissance and Baroque styles of polyphony in analysis, performance, and composition are taught in this class. Prerequisite: MUSI 3324. (Even-numbered Falls)

3341 Music History I

This course is designed to introduce Music major and minors to the different musical styles, composers, genres, and aesthetic views of the Western world from the time of the ancient Greeks to the time of Mozart and Haydn. Prerequisite: MUSI 1322. (Fall)

X. DESCRIPTION OF COURSES

3342 Music History II

This course is designed to introduce Music majors and minors to the different musical styles, composers, genres, and aesthetic views of the Western world from the time of Beethoven to the present. Prerequisite: MUSI 3341 or permission of instructor. (Spring)

3343 Pedagogy of Contemporary Music Education

This course explores the various philosophies and techniques as developed by Kodaly, Orff, Dalcroze, and Suzuki, as well as the development of Music education in the United States. Required for elementary Music certification. Prerequisite: MUSI 3324. (As needed)

3344 Creative Development in Music I

This course addresses developmentally age appropriate skills and music for use in the elementary classroom. Required for all-level Music certification. Prerequisite: MUSI 1322. (As needed)

3347 Survey/Appreciation of Opera

This course provides students with an in-depth experience of the history of opera, the elements of opera, and the major representative works of the genre. Fulfills CORE curriculum Fine Arts requirement. No prerequisite. (As needed)

3348 Studies in World Music

This course explores the music of a variety of world cultures and addresses issues related to contemporary music production, mass-media proliferation, and cultural appropriation. Required for all Music majors. Available to Music minors as an upper division elective with permission of the instructor. Prerequisite: MUSI 3342 or permission of instructor. May be taken as a CLST elective, with permission of instructor. (Fall)

3349 Women In Music

This course is a biographical, historical, and sociological study of the contributions women have made in Western music from the ninth century to the present. Fulfills the CORE Fine Arts requirement. (As needed)

3350 American Popular Music

Survey of the development of American popular music, from its roots in the merging of colonial European, African, and Native American styles, to the development in the twentieth century of blues, rock-and-roll, rap, salsa, and other popular contemporary styles of North and South America. Open to non-majors. No prerequisite. Fulfills CORE requirements for Fine Arts. (As needed)

3351 Music of Asian Theater

This course introduces the student to music as an integral component of selected types of Asian theater. Representative works will be explored from a variety of analytical perspectives, including ones informed by history, theater studies, art history, cultural theory, and ethnomusicology. May

X. DESCRIPTION OF COURSES

count toward the world music requirement (MUSI 3348) for all Music degrees other than the B.M. degree with a major in Music Therapy. Will satisfy the upper-level Music elective requirement for the Music minor. (As needed)

3361 Vocal Techniques and Diction

This course addresses vocal pedagogy, methods and materials, at all classroom levels, plus the study and application of Spanish, Italian, German, French, and English vocal diction. Required for voice and teacher certification majors. Prerequisite: MUSI 3324. (As needed)

4323 Form and Analysis

This is an advanced course in stylistic analysis; it is designed for advanced Music majors as a practical application of their previous studies in music history, theory, and performance. This course entails comprehensive analysis of all aspects of musical style, including form, harmonic language, texture, and instrumentation. Required for all Music majors except students seeking a Bachelor of Music in Music Therapy, or a Bachelor of Arts with an emphasis in Music Industry Studies. Available to Music minors as an upper division elective with permission of the instructor. Prerequisite: MUSI 3324. (Spring)

4341 Research and Writing in Music

This course is designed to introduce the student to the main research tools and resources employed in the various music fields, and to the specific skills involved in reading, writing, and communicating ideas in such fields. (As needed)

4343 Creative Development in Music II

This course addresses developmentally age appropriate skills and music for use in the middle school, junior high, and high school classroom. Required for all-level Music certification. Prerequisite: MUSI 1322. (As needed)

4344 Conducting

This course explores the theory and practice of techniques of choral and instrumental conducting. It includes practical conducting activities. Prerequisite: MUSI 3324. (Spring)

43RCH Honors Research and Writing in Music

In this course, the student will become acquainted with the main research tools and resources employed in the various music fields and to the specific skills involved in reading, writing, and communicating ideas in such fields. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

X. DESCRIPTION OF COURSES

MUSIC INDUSTRY STUDIES (MUST)

[Program Description, page 139]

1301 Introduction to Music Technology

This course will cover most of the important music software and hardware that today's musicians and music educators are using to create, record, edit, teach, and publish music. Prerequisites: basic music reading ability, basic keyboard skills, and permission of instructor. (Spring).

2259 Introductory Internship in Music Industry Studies

This course is designed to give the student firsthand experience in an area of the music industry. Work experience is coordinated through local, music related facilities. The internship can also be done in any out-of-town location during the summer. Prerequisites: MUST 2340 and MUST 2350. (As needed).

2325 Studio Arranging

This course covers the arranging of commercial music for acoustic instruments and voices, and for electronic instruments, including synthesizers; drum machines, and sequencers, for production in a recording studio. Prerequisites: MUSI 1321, MUSI 1322, MUSI 2323 and at least 3 semester hours of vocal or instrumental ensemble, or permission of the instructor. Fee. May be repeated for credit. (Fall)

2340 Introduction to Music Industry Studies

This course is a survey of the component areas of contemporary music industries, including recording technologies, music publishing, music marketing, and artist management. This class addresses possible focuses within the music industry. In addition to class work, there will be three on-site music business practicum experiences. No prerequisites. (Fall)

2350 Music Industry Studies II

This course focuses on all music industry careers not covered in MUST 2340 Introduction to Music industry Studies. In addition to class work, there will be three on-site music business practicum experiences. No prerequisites. (Spring)

3305 Record Production

This course will cover all aspects of record production in the twenty-first century, focusing on the tools and techniques used in today's modern recording studios. Prerequisites: MUST 2340, MUST 2350, MUST 2325 (or demonstrated proficiency with MIDI sequencing software and permission of instructor). (Spring)

3310 Entertainment Law

This course will cover important areas of law that apply to the music and entertainment business. Prerequisites: MUST 2340 and MUST 2350. This course may not be repeated for credit.

X. DESCRIPTION OF COURSES

3320 Web Design for Music Applications

This course will present all the basic concepts and techniques necessary for designing and implementing music related web sites. Prerequisite: MUST 2340 or MUST 2350. (Fall)

4359 Internship in Music Industry Studies

This capstone course in the Music Industry Studies program is designed to prepare the student in a focused area related to the music industry. Work experience is coordinated through merchants, recording studios, music publishers, professional entertainment management, etc. Prerequisites: Completion of all coursework or permission of instructor. Prerequisite: MUSI 2323. (As needed)

MUSIC THERAPY (MUTH)

[Program Description, page 139]

1301 Introduction to Music Therapy

This course presents an overview of the theory, history, and research base of Music Therapy. Applications of Music Therapy in various settings and with various populations are reviewed and demonstrated. No prerequisite. (Fall)

2150 Percussion for Music Therapy

Private percussion instruction focusing on the development of basic percussion techniques and ethnic drumming for use in rehabilitation and therapy centers. Open to students at a university level. Prerequisite: Permission of Instructor

2271 Clinical Orientation

This course presents an overview of the clinical treatment process ethics, and group process as preparation for future practicum and intern experiences. Students are required to observe and report on five music therapy sessions with practicing music therapists in the San Antonio, Austin, and South Texas areas. Prerequisite: MUTH 1301 (Spring)

2321 Class Guitar I

This course is the first of two class guitar courses for music therapy majors who have chosen piano or voice as their major instrument. This first course will cover the basic knowledge of playing the guitar. It is offered in the Fall semester of the student's sophomore year. Prerequisites: MUSI 1192 and MUSI 1322

2322 Class Guitar II

This course is the second of two class guitar courses for music therapy majors who have chosen piano or voice as their major instrument. This first course will cover the basic knowledge of playing the guitar. It is offered in the Fall semester of the student's sophomore year. Prerequisites: MUTH 2321

X. DESCRIPTION OF COURSES

2351 Music in Therapy I

This course includes the study and clinical practice of Music Therapy for specific populations. This semester focuses on working with children from birth to adolescence. Students participate in and lead Music Therapy interventions in clinical sessions under the supervision of a Registered or Certified Music Therapist who is working in the San Antonio or Austin area. Prerequisites: MUTH 2271 and permission of instructor. (Fall)

2352 Music in Therapy II

This course is a continuation of MUTH 2351 with a focus on working with adolescents and adults in emotional distress. Prerequisite: MUTH 2351. (Spring)

3353 Music in Therapy III

This course is a continuation of MUTH 2352 with a focus on working within geriatric and medical settings. Prerequisite: MUTH 2352. (Fall)

2388 Piano Improvisation

This class teaches skill development and creative exploration of piano improvisation techniques. The knowledge and skill of various styles of keyboard accompaniment obtained in this course are applied to clinical fieldwork experiences and classroom experiences. Prerequisite: MUSI 2110, (Even-numbered Springs).

3301 Psychology of Music

This course is an in-depth study of the principles underlying the practice of Music Therapy and musical behavior. Psychoacoustics, auditory perception, emotions and meaning in music, music in cultures, and music and its relationship to development and behavior are specifically addressed. Prerequisite: PSYC 1301 Introduction to Psychology.(Odd-numbered Falls)

3305 Creative Improvisation in Therapy

In this course, improvisational techniques for therapeutic purposes are explored and experienced. Improvisational media include music and sound patterns, music and movement, and techniques of communicating with others through music. Prerequisite: MUTH 1301 and MUTH 2271. (As needed)

4188 Music Therapy Services Center

This course provides the opportunity for upper class music therapy students, with their advisor's consent, to work with individuals on a weekly basis. They will function as a primary music therapist, with weekly supervision. they will be responsible for all paperwork required in the therapy. this course is an elective for music therapy majors who are in their junior or senior year. It can be taken prior to the internship. This course requires one hour for the therapy session and one hour for supervision, which are arranged. The sessions will take place in the music therapy services center. Prerequisites: The students who take this course must

X. DESCRIPTION OF COURSES

have completed at least 2/3 of the music therapy degree courses with a grade of B or better. Instructor's permission is required.

4300 Senior Seminar

This course provides an update on current research and research techniques. A senior Music Therapy project and a presentation of the project are required. Prerequisites: Completion of all course-work for Music Therapy degree and permission of instructor. (Taken concurrently with MUTH 4301)

4301 Internship

Through this course, Music Therapy students partially complete a 1056-hour (minimum) clinical internship at an approved site in the South Texas area. Prerequisite: Completion of all coursework for Music Therapy degree, successful completion of the piano improvisation test, and permission of instructor. This course is taken twice to fulfill the six-hour internship requirement. (As needed)

4201 Internship II

Through this course, Music Therapy students partially complete a 1056-hour (minimum) clinical internship at an approved site in the South Texas area. Prerequisite: Permission of instructor. (As needed)

4101 Internship III

Through this course, Music Therapy students partially complete a 1056-hour (minimum) clinical internship at an approved site in the South Texas area. Prerequisite: Permission of instructor. (As needed)

43RCH Honors Project in Music Therapy

This course is designed to offer the honors student in the music therapy program the opportunity to complete the honors project that is based upon a research project developed during the student's course of study for the Bachelor of Music degree in music therapy. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

NUCLEAR MEDICINE (NMED)

[Program Description, page 209]

2420 Patient Care Technologies

Focuses on the development of clinical skills necessary for safe clinical practice. Emphasis is placed on critical thinking, delegation, standard precautions, and communication skills related to the patient's medical condition. Includes a clinical practicum. Prerequisite: Admission to the major. (Fall)

3210 Health Assessment and Communication For Nuclear Medicine Technologist

Focus on theory and skills of therapeutic communication. Emphasis is placed on health history, age appropriate and culture considerations as well

X. DESCRIPTION OF COURSES

as communicating with specific groups of people such as emotionally or terminally ill patients. Select principles to be applied in simulated laboratory. Prerequisite: Admission to the Major (Fall)

3305 Application of Radionuclides

This course is an in-depth study of the current use of radiopharmaceuticals for diagnostic imaging of organ visualization/function, evaluation of results, pathology and therapy for all major organ systems. Taken concurrently with NMED 4604. Clinical Prerequisites: Admission to the Major, NMED 4545, NMED 4510. (Fall)

3310 Pathophysiology for NMED

This is an introductory course examining disease process and pathophysiology of the systems for the Nuclear Medicine Technologist. Emphasis is placed on common diseases of adults and disorders most relevant to nuclear medicine. The student will develop a basic understanding of the disease process, treatment modalities, and how these relate to diagnostic and therapeutic procedures in nuclear medicine. Prerequisites Admission to the major and BIOL 2321/2121 and 2322/2122 and CHEM 1301 and 1302/1203L. (Spring)

3320 Medical Radiation Safety

This course studies patient care and the regulations required by federal and state agencies. Safe handling, storage and disposal of radioactive materials, internal radiation dosimetry, and the use of radiation monitoring instruments. Prerequisites: Admission to the major with completion of biology, chemistry, physics, and math. (Fall)

4310 Introduction to Nuclear Medicine

An introduction into the field of nuclear medicine, medical terminology, and ethical issues in nuclear medicine. In this class, the student will develop computer skills useful to nuclear medicine technologists and develop beginning research skills using the internet, as well as observe diagnostic procedures in a patient care environment. Students will develop a beginning understanding of nuclear medicine procedures by attending a mandatory 32 hour clinical observation in a nuclear medicine clinical site as well as attend a Nuclear Medicine conference. No prerequisite. (Fall, Spring)

4312 Molecular Imaging and the Physics of Medical Imaging and Therapeutics

The interaction of matter with x-rays, x-ray and gamma ray production, film processing, and molecular imaging technologies as well as the basic principles underlying the imaging methods of x-ray, CT, SPECT, MRI and ultrasound are explored in this course. Prerequisites: Admission to the Major. (Spring)

X. DESCRIPTION OF COURSES

4322 Radiopharmacy, Radiochemistry and Radioimmunoassay

This course examines radionuclide production, mechanisms of radionuclide localization the use and preparation of radiopharmaceuticals for diagnostic and therapeutic applications, quality control of radiopharmaceuticals, and governmental regulations. Prerequisites: Admission to the Major. (Fall)

4331 Instrumentation

A didactic course designed to provide the student with the theoretical principles as well as the application of instrumentation and radiation detection equipment used for procedures in nuclear medicine and CT. This course will focus on the theory and lab application of the Quality Control procedures specific to each instrument, the lab application of imaging parameters, patient positioning and the views acquired during imaging as well as computer fundamentals related to health care and nuclear medicine practice, such as processing software, image archiving and the electronic medical record. Prerequisites: Admission to the Major. (Spring)

4341 Radiation Biology/Biophysics

This course is a comprehensive study of the effects of radiation in the body, resulting from radiation interactions. Other areas of focus are genetics, radiosensitivity, radioactive tracers in biological research, and chemical/pharmacological modifiers. Prerequisites: Admission to the major with completion of biology, chemistry, physics, and math. (Fall)

4361 Nuclear Medicine Registry Review

A didactic course taken during the final semester of the senior year to review core competencies, clinical procedures, pathology, radiation safety, instrumentation and radiopharmacy in preparation for the national registry/certification exams. Prerequisites: normally taken in the last semester of the program.

4510 Nuclear Cardiology

The course is designed to give the student the in depth understanding of Nuclear Cardiology and related computer skills used for cardiac imaging. This course will focus on the anatomy and physiology of the heart, stress protocols, MUGA and First Pass Studies, basic EKG interpretation, cardiac medications, laboratory values, correlation of noninvasive and invasive diagnostic procedures. In this course, the student is required to complete a 120 hour clinical practicum off campus in addition to didactic course work on campus. Prerequisites: Admission to the Major, NMED 2420 and 3210 as well as completion of immunization requirements, CPR/First Aid and a criminal background check. (Spring)

4545 Principles of PET and PET/CT

This course is a clinical and didactic course which offers an emphasis on cross-sectional anatomy and the applications of PET and PET/CT imaging which include myocardial perfusion and viability, tumor localization, cancer staging, therapy planning, and response to therapy by providing an in-depth

X. DESCRIPTION OF COURSES

investigation of the principles as well as benefits and limitations of Positron Emitting Tomography (PET) and PET/CT (Computed Tomography) imaging and image fusion. In this course the student is required to complete a 120 hour clinical practicum off campus. Topics include: image acquisition, cross sectional anatomy, detector components and design, image fusion, radionuclide tracer production, tracer localization and their computer applications, patient preparation and case review. The primary focus of this course is to increase skill level and productivity in PET and PET/CT imaging. Prerequisites: Admission to the Major, NMED 2420 and 3210, as well as completion of immunization requirements, CPR/First Aid and a clear criminal background check. (Spring)

4604 Clinical Nuclear Medicine I

A clinical course taken during the senior year. An introduction to the nuclear medicine department, its operation and the duties of a Nuclear Medicine technologist. During the clinical practicum the student will assist in performing various diagnostic procedures and computer utilization. Prerequisites: Admission to the major, NMED 4510, NMED 4545, as well as completion of immunization requirements, CPR/First Aid and a clear criminal background check.

4606 Clinical Nuclear Medicine II

Continuation of the clinical practicum, taken during the final semester of the senior year. This practicum allows the students to enhance their training by performing (with supervision) advanced nuclear medicine procedures. This course also examines health physics by studying radiation exposure rate, radiation contamination, safe handling and storage techniques, and monitoring equipment as well as all aspects of a Nuclear Pharmacy, such as preparation and quality control testing of radiopharmaceuticals, performing assays, and operation of special equipment. Prerequisites: Admission to the major, NMED 4604, as well as completion of immunization requirements, CPR/First aid and a clear criminal background check.

NURSING (NURS)

2213 Basic Health Assessment

Traditional. Focuses on theory and skills of health assessment including health history and physical examination. Selected principles applied in simulated laboratory. Prerequisite: Admission to the major.

2310 Integrated Health Science

This course focuses on foundational pharmacological and pathophysiological concepts which relate to all areas of clinical nursing practice, including introduction to pharmacology, cellular dysfunction, fluid and electrolyte/acid-base balance and imbalance, the immune response, immune system pharmacology, the stress response, autonomic nervous system pharmacology, neoplasia, and principles of antineoplastic therapy. Prerequisite: Admission to the nursing major.

X. DESCRIPTION OF COURSES

2312 Nursing and Health

Traditional. Focuses on the concepts basic to professional nursing: scope of practice, nursing process, and health. Prerequisite: Admission to the major.

2420 Patient Care Technologies

This course focuses on the development of clinical skills necessary for safe clinical practice. Emphasis is placed on clinical reasoning, delegation, standard precautions, and communication skills related to the patient's medical condition. Includes a clinical practicum. Prerequisite: Admission to the nursing major.

3175 Nursing Review

This course utilizes evidence-based strategies to support students' ability to become successful professional nurses and lifelong learners.

3322 Issues in Nursing

RN-BSN. Examines contemporary issues and problems which affect nursing and influence the development of the future role of the professional nurse. On-line course. Prerequisite: NURS 3512.

3333 Research in Nursing

Traditional. Focus is developing foundations and strategies for integrating evidence based practice to solve clinical problems. Application of the research process to issues affecting nursing and health care is examined. Prerequisites: Successful completion of first semester nursing courses.

3341 Health Promotion and Disease Prevention

Traditional and RN-BSN. Focuses on the roles of the professional nurse in health maintenance, promotion, and disease prevention with clients across the lifespan. Traditional course includes a clinical practicum. On-line course in RN-BSN pathway. Prerequisites: Successful completion of second semester nursing courses in traditional pathway; NURS 3512 in RN-BSN pathway.

3510 Nursing of Adults I

Traditional. Focuses on risk reduction, illness prevention, and disease management in the care of adults across the lifespan with commonly occurring acute and chronic health problems involving the endocrine, reproductive, cardiovascular, hematological, immune, neurological systems and multiple system dysfunctions. Includes a clinical practicum. Prerequisite: Successful completion of first semester nursing courses.

3512 Professional Nursing Role

RN-BSN. Introduction to the roles of the professional nurse and to basic concepts of professional nursing. On-line course. Prerequisite: Admission into the RN-BSN program (ADCaP).

X. DESCRIPTION OF COURSES

3515 Nursing of Children and their Families

Traditional. Focuses on principles of care related to wellness, acute, and chronic conditions encountered in children, emphasizing family-centered care. Includes a clinical practicum. Prerequisite: Successful completion of first semester nursing courses.

3520 Nursing of Adults II

Traditional. Focuses on risk reduction, illness prevention, and disease management in the care of adults across the lifespan with commonly occurring acute and chronic health problems involving the pulmonary, integumentary, renal/urological, digestive, musculoskeletal systems, and multiple system dysfunctions. Includes a clinical practicum. Prerequisite: Successful completion of second semester nursing courses.

4182 Senior Seminar

Traditional. Focuses on the synthesis of nursing knowledge developed during the traditional BSN program by helping students prepare for the NCLEX-RN licensing exam. This course is to be taken in the final semester of the nursing program. Prerequisite: Successful completion of fourth semester nursing courses.

4221 Issues in Nursing

Traditional. Examines contemporary issues and problems which affect nursing and influence the development of the future role of the professional nurse. Prerequisite: Successful completion of third semester nursing courses.

4265 Community Health Nursing Practicum

RN-BSN. Focuses on the clinical application of the knowledge and skills of community health nursing. Prerequisite: NURS 4365.

4288 Nursing Internship

Traditional. Focuses on the transition from a student role to a professional nurse role including skills acquisition in selected clinical specialties. Includes an intensive clinical practicum. Prerequisite: Successful completion of fourth semester nursing courses.

4313 Health Assessment

RN-BSN. Focuses on theory and skills for a comprehensive health assessment including health history and physical examination across the lifespan. On-line course. Prerequisite: NURS 3512.

4331 Research in Nursing

RN-BSN. Focuses on the application of principles of evidenced based practice to clinical practice problems. On-line course. Prerequisites: NURS 3512 and a statistics course.

X. DESCRIPTION OF COURSES

4332 Nursing Leadership/Management

RN-BSN. Focuses on the knowledge and skills required to function in the role of nurse manager and leader. On-line course. Prerequisite: NURS 3512.

4362 Nursing Leadership and Management Practicum

RN-BSN. Focus is on clinical application of the knowledge and skills of nursing management and leadership. Requires a clinical practicum. Prerequisite: NURS 4332

4365 Community Health Nursing

RN-BSN. Focuses on the nursing care for families and communities. Principles of public health, including epidemiology, are introduced. On-line course. Prerequisites: NURS 3512 and NURS 3341.

43RCH Honors Research

Traditional. A capstone course in the Honor student's major with a focus on research and evidence-based practice in the discipline. Student will explore the research process with a faculty mentor including design, IRB review, review of the pertinent literature, statistical analysis processes, and preparation of proposals, manuscripts and presentations. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

4531 Psychiatric Mental Health Nursing

Traditional. Focuses on the nursing care of patients experiencing acute and chronic major mental health problems. Includes clinical practicum. Prerequisite: Successful completion of third semester nursing courses.

4532 Nursing Leadership and Management

Traditional. Focuses on the knowledge and skills required to function in the role of nurse manager and leader. Includes a clinical practicum. Prerequisite: Successful completion of fourth semester nursing courses.

4541 Nursing of Childbearing Families

Traditional. Focuses on the nursing care of the childbearing family, including both normal and complicated pregnancy, and care of the newborn. Includes a clinical practicum. Prerequisite: Successful completion of second semester nursing courses.

4551 Critical Care Nursing

Traditional. Focuses on the nursing care of patients with severe, highly unpredictable health problems affecting multiple systems that require significant medical and nursing support. Includes a clinical practicum. Prerequisite: Successful completion of third semester nursing courses.

X. DESCRIPTION OF COURSES

4562 Community Health Nursing

Traditional. Focuses on the nursing care for families and communities. Principles of public health, including epidemiology, are introduced. Includes a clinical practicum. Prerequisite: Successful completion of fourth semester nursing courses.

NUTRITION (NUTR)

[Program Description, page 267]

1102 Introduction to Dietetics

The focus of the course is on the development of basic knowledge, which describes the dimensions of dietetics and nutrition-related professions as practice disciplines. The course requires the integration of this basic knowledge in examining future individual goals as a dietetic professional. (Fall and Spring)

1223 Gourmet Cuisine

Students will become familiar with basic culinary skills required to prepare gourmet meals with emphasis on planning, nutritional content, and aesthetic appeal. Students will learn proper table setting, etiquette, and how to create ambiance for a successful dinner party. Fee. (Fall and Spring)

1224 World Cuisine

This course will strengthen the student's culinary skills and emphasize the impact of culture, history, regional differences, religion, and ethnicity on food preparation, food preferences, and presentation. Fee. (Fall and Spring)

2131 Food Preparation Laboratory

Focus on the application of basic scientific principles in the use and preparation of selected food products. Must be taken concurrently with NUTR 2231. Fee. (Fall)

2231 Principles of Food Preparation

This course presents fundamental principles in the selection and preparation of foods. Students are introduced to the biological and chemical properties of foods that affect their use in cooking processes. Prerequisite: 3 hours Chemistry. Must be taken concurrently with NUTR 2131. (Fall)

2341 Introduction to Nutrition

This course examines fundamentals of normal human nutrition, major nutritional problems and the relation of nutrition to mental and physical development. Food habits and the cultural, social, and psychological influences upon food choices are discussed. In addition the course introduces students to current dietary guidelines and nutrition issues and requires the application of basic nutrition principles to dietary assessment. Prerequisite: 3 semester hours in chemistry or biology. (Fall, Spring)

X. DESCRIPTION OF COURSES

2400 Environmental Nutrition

This course examines existing and emerging issues in the role of the environment, food, nutrition, and exercise on health and disease and the effect of food production systems on the environment and food choices. The ecological dimensions of human nutrition across time will be examined. Ethics and social justice issues related to food choices will be introduced. In addition, the course introduces students to the scientific basis of current dietary recommendations and guidelines. Prerequisite: ENGL 1311. 3 hours lecture; 1 hour laboratory.

3134 Food Systems Management Laboratory

In this course, students explore food systems management with emphasis on quantity food production, kitchen layout, and design. Must be taken concurrently with NUTR 3234. Fee. (Spring)

3234 Food and Nutrition Services Management II

This course is a continuation of principles and skills necessary for the management of food service systems. The focus of this course is on the menu development, quantity food production, facility layout design and integration of basic management fundamentals including food cost controls. The course requires the integration and application of menu planning, food production and event planning. Prerequisite: NUTR 3433 or Graduate Student Status. Must be taken concurrently with NUTR 3134 unless given permission by Instructor. (Spring)

3332 Experimental Foods

This course applies organic chemistry to the study of food science. The course involves a critical analysis of modern food production, preservation methods and food safety, and an integration of colloid chemistry. Prerequisite: NUTR 2131, 2231. Lecture, lab Fee. (Spring)

3342 Nutrition in the Life Cycle

Basic nutritional assessment and nutrient requirements for the following life cycle stages: preconception, pregnancy, lactation, infancy, childhood, adolescence, adulthood, and elderly. Prerequisite: NUTR 2341. (Fall)

3310 Food Recovery and Gleaning

The investigation of hunger and the food assistance systems that address hunger in the United States and international arena. Students complete 60 hours of service activities in the various departments of the San Antonio Food Bank. This course may be used to meet the community service requirement. Lecture, lab. (Spring, odd years)

3433 Food and Nutrition Services Management I

This course is an introduction to the principles and procedures basic to the management of human and financial resources in food and nutrition services systems. The course content concentrates on trends, management processes, systems theory, decision-making, leadership and motivation theories, marketing process, employee training, quality and productivity,

X. DESCRIPTION OF COURSES

and information systems related to food and nutrition services. The course includes ServSafe® training and certification. Lecture, lab. (Fall)

4100 Dietetics

Students will learn about the oversight of the profession of dietetics including legislation, scope of practice, standards of professional performance, and the code of ethics. Professionalism and teamwork will be practiced. Students will learn how to apply for dietetic internships, graduate school, and jobs. Prerequisite: Senior Standing. (Fall)

4136 Seminar in Nutrition

This course explores current advances in Nutrition by studying selected special topics of discussion or areas of interest. Prerequisite: NUTR 2341.

4139 Nutritional Practicum

This course provides the student with individual field experience in one of the areas in nutrition and dietetics. Prerequisite: senior standing or Graduate Student Status, and permission of instructor. Fee. (Fall, Spring)

4200 Seminar in Wellness Services

This course studies current approaches in the delivery of wellness services and includes presentations and case study reviews. It is only for students active in the Nutrition Services Program. Prerequisite: Instructor approval. (Fall)

4335 Nutrition Education and Counseling

This course examines major behavior theories, teaching strategies, and counseling skills and the application of these to nutrition education and counseling in lifestyle management. Laboratory activities include the practice of techniques used in group and individual dynamics affecting the outcomes of nutrition education and counseling. Prerequisites: NUTR 2341, 3 semester hours of Behavioral Sciences. Lecture, lab. Fee. (Spring, even-numbered years).

4340 Clinical and Nutritional Assessment

This course will familiarize students with direct and indirect assessment of the nutritional status of individuals and groups. This includes anthropometric, biochemical, clinical, dietary, and environmental components. Students will learn the vocabulary to communicate clinical and nutritional assessment. Prerequisite: NUTR 2341 and CHEM 1302/1203L. Lecture, lab. Fee. (Fall)

4356 Nutrition and Human Performance

This course is a study of nutrition and the interrelationship with work physiology, including bionutritional influences on physiology, physical assessment and cardiac rehabilitation. Prerequisite: NUTR 2341 (Spring)

X. DESCRIPTION OF COURSES

4388 Internship in Non-Profit Management

Practical work experience in community food or apparel assistance program. Students will have the opportunity to participate in the managerial activities associated with the operation of a non-profit assistance program. Prerequisite: Completion of MIS 2325, FMGT 3444, BFIN 3340, and NUTR 3410. May be taken at the same time as BMGT 4351.

4460 Community and World Nutrition

Societal and ecological nutrition issues, including social justice concerns, at the global, national and local level are explored. This course examines international, federal, state, and local community programs focused on improving the nutrition status of human population groups. This course reviews the processes of community assessment and nutrition program development, monitoring and evaluation. Prerequisite: NUTR 2341, 3 semester hours of Behavioral and Social Sciences, or Graduate Student Status. (Fall)

4470 Human Nutrition and Metabolism

This class covers physiological function, metabolic fate, and interactions of nutrients and factors influencing the utilization of nutrients in humans. Students analyze and interpret nutrition literature utilizing library research. Prerequisites: BIOL 1402, BIOL 2321, BIOL 2322, NUTR 2341, and CHEM 4351 (may be taken concurrently), or Graduate Student Status. (Fall)

4475 Clinical Nutrition

This course focuses on modern concepts of clinical nutrition and the application of medical nutrition therapy in the treatment of individual patients. The Nutrition Care Process and Model will be used to outline nutrition care. The role of the clinical dietitian in patient health care will be examined. Prerequisite: NUTR 4340 (Undergraduates) and NUTR 4470. Lecture, lab. (Spring)

PASTORAL MINISTRY (PMIN)

[Program Description, page 156]

1310 Philosophy in the Catholic Tradition

This is an introductory course in Catholic philosophy which deals with the principal issues concerning the nature of philosophy. It considers its divisions in order to provide the student a general philosophical perspective on diverse philosophical issues. Finally, it gives special attention to the relationship between reason and faith and to the relevance of philosophy in theological studies. This course is a prerequisite to further studies in philosophy.

1311 Classical Logic

This course focuses on classical logic and considers the basic concepts in logic in light of metaphysical principles. It examines the three basic acts of the human mind and their respective mental products; namely, simple

X. DESCRIPTION OF COURSES

apprehension – concepts; judging – judgments; and reasoning – arguments. The course is designed to develop critical thinking and an ability to present and defend the truth of the faith. Prerequisite: PMIN 1310.

1320 Introduction to Theology and Biblical Studies

This course introduces the discipline of theology, including its methods, sources and practice. It also presents the relationship of theology to evangelization, catechesis, dogma, and the Church's Magisterium. Special emphasis will be given to the Catholic understanding of divine revelation and to the interpretation of Scripture.

1341 Introduction to Liturgy

This course provides an introduction to the theology and practice of the liturgy in Christian life. The student will become familiar with the historical and theological foundations of Catholic liturgy and the theological meaning of liturgical actions, gestures, rituals, and symbols in the Mass. The course exposes the student to key liturgical documents to include: Sacrosanctum concilium, the General Instruction of the Roman Missal, the Catechism of the Catholic Church and other important works.

1350 Foundations of Evangelization and Catechesis

This class provides an extensive survey of the Church's evangelical and catechetical tradition by examining the numerous national and universal ecclesial documents. Emphasis will be given to both the National Directory for Catechesis and the General Directory for Catechesis. Special attention will be paid to considerations for Hispanic and multicultural communities.

1372 Cross-Cultural Competencies for Pastoral Ministry

This course explores differences in cultural values, attitudes, perceptions of power, and communication dynamics. Students identify and evaluate the conscious and unconscious values and attitudes that affect their ability to relate to and work with people of various cultures.

2320 Catholic Biblical Interpretation--Old Testament

This course offers a survey of the history, literature, and faith of the Old Testament, the Hebrew Scriptures, with emphasis on interpretation and methodological approaches (i.e., historical, literary and social criticism). Students are introduced to literary analysis of various OT texts after acquiring a knowledge of their historical contexts. Students also learn practical tools for interpretation such as scholarly resources for exegesis. Prerequisite: PMIN 1310 and 1320.

2321 Ancient Philosophy

Beginning with Thales and ending with Plotinus, this course presents the major philosophers of ancient Greece and Rome with special emphasis on their metaphysics, view of the human person and human knowledge, ethics, and the nature and existence of God. This course will examine the influence of these thinkers on later philosophers and on Christian theology. Prerequisite: PMIN 1310.

X. DESCRIPTION OF COURSES

2322 Faith Development and Catechesis in a Multicultural Context

This course examines theories of human development (e.g. Erikson and Maslow) to better understand how cultural values and beliefs are transmitted throughout the life cycle. This will serve as a context for exploring ways to guide children, teens, and adults in faith formation and catechesis. Students will learn the importance of a wholistic approach to catechesis that builds on cultural values congruent with the Gospel. The course will offer various models for family-centered and multi-generational catechesis that are culturally relevant and consistent with Church teachings.

2323 Medieval Philosophy

This course studies major Western philosophical thinkers from the fifth through the fourteenth centuries. The neo-Platonic metaphysics of St. Augustine and the synthesis of St. Thomas Aquinas will be studied as well as the Jewish and Arab thinkers who influenced him. Major themes will be their views of being, the human person, human knowledge, morality, and God. Prerequisites: PMIN 1310 and PMIN 2321.

2332 Catholic Biblical Interpretation--New Testament

This course will survey the New Testament, including the Synoptic Gospels, the Acts of the Apostles, the Johannine literature, the Pauline literature, the Letter to the Hebrews, and the "catholic epistles." Students will be familiarized with the application of key exegetical and hermeneutical methods and theories and undertake critical assessments of them. The theological-historical meaning of the New Testament will be stressed. Prerequisite: PMIN 2320.

2342 Philosophy of Nature and Being

This course discusses philosophical reflection on nature, covering fundamental principles such as substance and accident, form and matter, causality and motion. These topics provide a solid foundation for the second part of the course, which deals with the study of being as being. The course also offers a general introduction to metaphysics, focusing on the transcendental aspects of being. Pre-requisite: PMIN 1310.

2352 Catechetical Content, Methods, and Curriculum

This course explores the essential Trinitarian Christo-centricity of an adequate catechesis. It examines the deposit of faith, as presented in the Catechism of the Catholic Church, as the foundation for a comprehensive, integral, and complete content of the Christian catechesis. The content of faith will be examined in relationship to diverse catechetical pedagogical methods, practices and pastoral circumstances. Attention will be given to cultural considerations for the culture(s) to be evangelized and catechized.

2354 Baptismal Catechumenate (RCIA) and Catholic Formation

This course explores the RCIA in light of the General Directory for Catechesis assertion that the "Baptismal Catechumenate is the model for all catechesis" (GDC 59; 90-91). It entails an in-depth study of the Rite of Christian Initiation of Adults (RCIA) while at the same time attending to

X. DESCRIPTION OF COURSES

catechumenal style formation as an effective model for comprehensive Christian formation. Considerations for RCIA in Hispanic and multicultural communities will be emphasized. Prerequisite: PMIN 3382. This course is appropriate for upper-division students in the Philosophy, Catechetics and Catholic Leadership concentrations. It should be taken by upper division students. The course may not be repeated for credit.

2373 Hispanic Ministry in the 21st Century

As an introduction to Hispanic Ministry, this course provides a sweeping overview of the culture, history, and faith expressions of Mexican Americans. The course's specific focus on the Mexican American experience is not exclusive; rather, it provides a comprehensive framework that can be used as a pattern for understanding other cultures, especially other Hispanic cultures. The course deepens appreciation of the multicultural diversity in society and guides students through a process of understanding the opportunities, challenges, priorities, and complexities of Hispanic Ministry today and its future directions. Prerequisite: This course is appropriate for upper-division students in the Catholic Philosophy, Catechetics and Leadership concentrations. The course may not be repeated for credit.

3325 Modern Philosophy

This course introduces the student to the central European philosophers from the 16th through the early 19th centuries with emphasis on their theories of knowledge and the justification of belief. Both continental rationalists and British empiricists will be studied, with attention to some influential metaphysical and ethical positions of particular relevance to Christian theology. Prerequisite: PMIN 1310 and 2323.

3327 Contemporary Philosophy

This course studies major schools of twentieth century philosophy, such as existentialism, Marxism, logical positivism, process philosophy, phenomenology, and structuralism. Enduring and influential themes will be identified and critiqued. Prerequisite: PMIN 3325.

3330 Canon Law for Ministry in Multicultural Communities

This course provides an overview of the current Code of Canon Law, a summary of its historical development, and the reforms of Vatican II. Specific topics can include: the corporate status of the parish; church property; contracts, marriage; divorce; child abuse matters; clergy and parish staff malpractice; and confidentiality issues. Students will analyze these legal issues in the context of multicultural settings where differences in power perceptions and communication styles can create challenges for effective pastoral action. Students will learn strategies for intercultural communication and conflict resolution. Prerequisite: PMIN 1372. This course is appropriate for students in the Catechetics and Catholic Leadership concentrations. It should be taken by upper-division students. The course may not be repeated for credit.

X. DESCRIPTION OF COURSES

3356 Family, Culture and Catechesis

This course examines, from a pastoral-theological perspective, many contemporary formational themes addressed in the universal and national catechetical directories. These critical themes will be examined in relationship to the successful implementation of diverse parish formational activities. Issues addressed will include: catechesis in Hispanic and multicultural communities, media and catechesis, contemporary ideologies and social trends influencing the Church's mission, catechesis in a pluralistic and religiously diverse society, family-based and whole-community catechesis, home schooling and the role of the parish in preparation for the Sacraments of infant Baptism, First Reconciliation, First Eucharist and Marriage. This course is appropriate for upper-division students in the Catechetics and Catholic Leadership concentration. It should be taken by upper-division students. The course may not be repeated for credit.

3358 Youth and Young Adult Ministry

This course looks at the special challenges involved in catechizing youth and young adults, especially Hispanics who are now the majority of Catholics under the age of 18. Rooted in the Church's framework for a comprehensive ministry to youth ("Renewing the Vision"), the course introduces models and methods for age-appropriate catechesis, leadership formation, and pastoral care. The Church's documents on Hispanic Ministry help to formulate timely and relevant pastoral plans for Latino youths and young adults living in an era of great technological and social change. The course provides concrete strategies that recognize the challenges without overlooking the problems or diminishing fidelity to the Gospel. This course is appropriate for upper-division students in the Catechetics and Catholic Leadership concentration. It should be taken by upper-division students. The course may not be repeated for credit.

3374 Stewardship and Financial Management for Catholic Leaders

This course teaches the essential skills for being a good steward of financial resources in the Church and other nonprofit organizations. Biblical principles for stewardship guide students in developing skills for strategic planning, budgeting, basic financial management, and resource development. The course provides a framework for developing policies and procedures for financial accountability to congregations and other stakeholders. Students will also learn about different cultural beliefs and norms regarding finances and how to create a plan for stewardship that is culturally relevant, especially in Hispanic settings. This course is appropriate for upper-division students in the Catholic Leadership concentration. It should be taken by upper-division students. The course may not be repeated for credit.

3380 Theology of the Creed: The Faith Professed

This course introduces students to theology through an in-depth study of the Creed. It examines tenets of Catholic doctrinal statements in light of Scripture and the living Tradition of the Church. The course provides an overview of the theological concepts inherent in the Creed, such as: Divine

X. DESCRIPTION OF COURSES

Revelation; The Trinity; Human Nature and Destiny; Original Sin; the Incarnation; Salvation through Jesus Christ; the Holy Spirit; and the Church.
Prerequisite: PMIN 1310

3381 Christ and Church

This course is an introduction to Trinitarian theology and Christology. It presupposes a broad catechetical understanding of the Catholic faith. It presents the major themes of Trinitarian theology and Christology in the Catholic theological tradition while drawing upon the student's other knowledge, especially philosophy. Major themes will be drawn from Scriptural foundations, the Patristic age including the Trinitarian and Christological controversies, and the Scholastic formulations. This course encourages the integration of knowledge and critical thinking skills.
Prerequisite: PMIN 3380 or instructor's permission.

3382 Sacramental Theology: The Faith Celebrated

This course deepens the students' theological understanding of the seven sacraments of the Catholic Church, particularly of Christian Initiation. The students examine the historical and scriptural origins of each sacrament and how sacramental and cultural symbols mediate theological meaning.

3384 Epistemology

This course examines knowledge from the realist perspective which shows that the notion of being, without which nothing can be known, is the principle of all knowledge. This course examines knowledge in the light of metaphysical and anthropological principles, given that knowledge is always "of someone" and "of something." Prerequisites: PMIN 1310, 2342, and 3375.

3385 Moral Theology: The Faith Lived

This course introduces the theological foundations of the Catholic moral tradition. Students will apply the principles of moral theology to personal and social issues. Particular attention will be given to the Church's social teaching. Specific social issues will vary, but will generally focus on contemporary issues in U.S. Catholicism, e.g., abortion, stem cell research, marriage, and immigration. Prerequisite: PMIN 1310

4351 History of the Catholic Church

This course introduces students to the major historical events in the evolution of the Catholic Church, from Constantine to the Council of Trent. It contextualizes these events within a broad review of Western history. The course topics illustrate how this history relates to the present state of the Church and its relationship to society. Prerequisite: The student should have taken a course in world history before taking this course. It is appropriate for all students in the Philosophy, Catechetics and Catholic Leadership concentrations. The course may not be repeated for credit.
Prerequisite: PMIN 1310.

X. DESCRIPTION OF COURSES

4363 Natural Theology

Natural Theology (or Theodicy) is that part of philosophy which studies God and the attributes of God in the light of reason. This course examines the existence of God by way of cosmological and ontological arguments. It considers some classical demonstrations of the existence of God with a special emphasis on the five ways of St. Thomas Aquinas. The course ends by examining God's essence and divine operations. Prerequisites: PMIN 1310, 2342, 3375, 3384, and 4386.

4375 Philosophical Anthropology

This course delves into what it means to be human according to several philosophical theories. Topics discussed include personal identity, consciousness, emotions, death, immortality, freedom, determinism, and cybernetics. Prerequisites: PMIN 1310 and 2342.

4378 Ethics and Accountability for Catholic Leaders

This course teaches ethical principles for accountability and responsibility in all areas of ministerial leadership. These can guide discernment and action for effective leadership in Catholic institutions. Students will learn the methodology of Christian ethical discernment and the historical development of ethical teachings in the Roman Catholic tradition. The course will also focus on how secularism and diverse cultural norms can create ethical dilemmas for Catholic leaders. The course will define fundamental standards and contextual variables that influence ethical decision making. This course is appropriate for upper-division students in the Catholic Leadership concentration. It should be taken by upper-division students. The course may not be repeated for credit.

4385 Catholic Spiritual Traditions: The Faith Prayed

This course provides an exposure to the rich, multicultural spiritual traditions of Catholicism. The primary goal is to introduce students to various examples of spirituality and modes of prayer throughout the Church's history. These include the spiritualities of religious orders such as the Benedictines, the Franciscans, and the Carmelites. The course will also review the works of St. Ignatius of Loyola, St. John of the Cross and St. Theresa of Avila, St. Francis de Sales, and other more contemporary authors. Prerequisite: PMIN 1310

4386 Philosophical Ethics

This course introduces the student to the nature of the moral act and of moral knowledge. It studies current major ethical theories and assesses their strengths and weaknesses. Particular attention is given to the ethics of St. Thomas Aquinas and its relevance for making decisions on contemporary issues. Among the topics studied are conscience, rights, virtue, natural law, and justice. Prerequisites: PMIN 1310, 3384, and 4375.

4387 Ecclesiology

This course is an introduction to a Catholic understanding of the Church. It presents the major themes of ecclesiology, including the development of

X. DESCRIPTION OF COURSES

the Church's doctrine on the Church from Scripture, the Patristics, Scholastics, and contemporary teaching, particularly the Second Vatican Council's *Lumen Gentium*. The major themes will include faith and culture, ecumenics and inter-religious dialog. This course draws from the student's other knowledge, especially philosophy and history. It serves as an opportunity for the students to integrate their knowledge and to demonstrate critical thinking skills at a mature level. Prerequisites: PMIN 3381 and 3385 Moral Theology. This course is appropriate for upper-division students in the Catholic Philosophy, Catechetics and Leadership concentration. It should be taken by upper-division students.

PHILOSOPHY (PHIL)

[Program Description, page 153]

1381 Introduction to Philosophy

This is an introduction to philosophical problems, methods, and areas of interest. Topics may include the nature of reality, theory of knowledge, the existence and nature of God, the idea of beauty, personal and social ethics, political philosophy, the mind-body problem, freedom and determinism, and personal identity. Note: PHIL 1381 is a prerequisite for all upper division philosophy courses. (Fall, Spring, and Summer as needed)

1381H The Intellectual Quest

This course is an introduction to philosophy. It treats the origin and definitions of philosophy; the divisions of philosophy; important philosophers and some of their theories; the relationships between philosophy and poetry, faith-based theology, and the natural sciences.

3312 Logic

This course presents a problem solving/ issues approach to the study of both informal and formal reasoning, focusing upon techniques and principles for the analysis and evaluation of logical arguments. The course includes a study of the rules of inference, including deduction and induction, and rules for definition, emphasizing evaluation of the validity and soundness of arguments as well as recognition of common fallacies of reasoning. Prerequisite: PHIL 1381. (Fall, Spring)

3315 Philosophy of Human Nature

This course is a philosophical examination of the meaning and destiny of human being. Topics may include the uniqueness of the human being, embodiment, spirituality, evolution, personal identity, cognition, intersubjectivity, determinism, freedom and responsibility, and death and immortality. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Odd-numbered Springs or as needed)

3318 Theories of Reality and Knowledge

This course is an advanced examination of theories of reality, knowledge, and their interrelations. Topics may include the nature of being, substance, causality, change and becoming, possibility and actuality, materialism and idealism, the nature and scope of human knowledge, skepticism, criteria

X. DESCRIPTION OF COURSES

and methods of certainty, rationalism and empiricism, and the nature of truth. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Spring)

3320 Philosophy of Love

This course is a philosophical examination of the nature and significance of love. Using classical and contemporary philosophical readings as well as various treatments of love in literature and film, topics may include the nature of romantic love, the distinction between eros and agape, love and personal identity, love and gender, love and sexuality, love and spirituality, and/or multicultural visions of the nature and significance of love. Prerequisite: PHIL 1381. (Summers or as needed) May be taken as a CLST elective.

3325 Philosophy of Culture

This course introduces students to a variety of theoretical approaches to the study of culture, including visual theory, literary theory, and performance theory. Attention will be paid to the contexts in which cultural representations are produced and in which they circulate. Students will investigate how visual, textual and performative norms and practices create and contest social borders, political institutions, and identity formation. Prerequisite: PHIL1381. (Spring or as needed)

3332 Ethics

This course is an introduction to personal and social ethics. Topics may include ethical theory, the nature and scope of ethical discourse, the concepts of the good, virtue, duty, and responsibility, civil authority, international law, and the state and religion. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Fall, Spring)

3333 Applied Ethics

This course examines contemporary moral dilemmas in the context of social norms and institutions, focusing on topics such as business, medicine, international relations, law, politics, animals and the environment, poverty, and others. May be repeated for credit when topics vary. Prerequisite: PHIL 1381. (Odd-numbered Falls or as needed)

3351 Ancient Philosophy

This course is a survey of ancient Greek philosophy with emphasis on the major philosophical themes explored by the Presocratics, Socrates, Plato, and Aristotle. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Fall)

3352 Medieval Philosophy

This course is a survey of Western Philosophy during the Middle Ages, including, among others, the thought of St. Augustine, St. Anselm, Roger Bacon, St. Thomas Aquinas, and William of Occam. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Spring)

X. DESCRIPTION OF COURSES

3353 Modern Philosophy

This course is a survey of Western Philosophy from the seventeenth to the nineteenth centuries: Descartes, Spinoza, Leibniz, Berkeley, Hume, Kant, and post-Kantian Idealism. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Fall)

3354 Contemporary Philosophy

This course is a survey of Western Philosophy from the mid-nineteenth century to the present. Topics may include Marxism, positivism, American pragmatism, process philosophy, analytic philosophy, phenomenology, existentialism, and/or more recent developments in deconstruction and postmodernism. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Spring)

3355 World Philosophy

This course is an introduction to major philosophical traditions around the world, which may include Indian, Japanese, Chinese, South Asian, Arabic, Persian, Native American, Latin American, African, and Western philosophy. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Fall)

3365 Philosophy of Religion

This course is a philosophical examination of religious beliefs and practices. Topics may include the origin and modes of religious life, faith and reason, the existence and nature of God, religious language and symbol, mysticism and theology, religious experience and verification, the problem of evil, immortality, miracles, religion and morality. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Even-numbered Falls or as needed)

3370 Philosophy of Science and Technology

This course is a critical survey of philosophical problems and themes in science and technology. Topics may include scientific methodology, the status of scientific truth claims in the total array of human knowledge, metaphysical interpretations of the physics of space and time, biological and evolutionary approaches to human nature and to natural history, ethical and political responsibilities of scientific research, and the impact of technology as a force that guides human understanding, human values, and human destiny. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Odd-numbered Springs)

3375 Aesthetics: Philosophy of Art and Beauty

This course is a philosophical examination of the world and nature of art and the nature and significance of aesthetic experience. Topics may include the definition of art, the idea of beauty, aesthetic value and experience, the nature of the creative process, form versus content, expressiveness, symbolism, the role of theory in aesthetics, art criticism, art and religion, art and morality, art and science, and art and the community. Prerequisite:

X. DESCRIPTION OF COURSES

PHIL 1381. May be taken as a CLST elective. (Even-numbered Springs or as needed)

3385 Justice: Tradition and Transformation

This course is a philosophical exploration of the concept of justice with emphasis on its role in the foundation of governments, and the structures of society as well as its significance as a personal value. Topics may include the role of justice in the ideal state, the Judeo-Christian conception of justice, the nature of injustice, of social justice, of freedom, law, and personal integrity, the rights of the individual, civil disobedience, and the meaning of equality. Prerequisite: PHIL 1381. May be taken as a CLST elective. (Even-numbered Falls or as needed)

3390 Philosophy of Black Music

This course utilizes the history of African-American music as a means of exploring the history of African-American culture. Using music as a mirror that reflects the principal experiences, values, and aspirations of African-Americans, the course examines the spirituals (as a reflection of slavery), the blues (as a reflection of post-emancipation life), jazz, gospel, and rhythm and blues (as reflections of the growing complexity of the African-American diaspora), soul music and funk (as reflections of the civil rights movement), and hip hop and rap (as reflections of post-industrial, contemporary black culture). Prerequisite: PHIL 1381. (Fall, biannually) May be taken as a CLST elective.

3395 Feminist Philosophy

This course is a philosophical study of the condition of women. The oppression of women is analyzed in terms of its causes, and in terms of what would be required to overcome it from various philosophical viewpoints such as liberalism, socialism, existentialism, psychoanalysis, and radical feminism. May be taken as a CLST elective. Prerequisite: PHIL 1381. (Even-numbered Springs or as needed)

4371 Special Topics

The contents of this course will be determined by faculty and/or students to fill special needs or interests. The course will focus on the writings of an individual philosopher or an area of interest (e.g. philosophy of literature, philosophy of language, philosophy of mind, philosophy of law, American philosophy, phenomenology, and existentialism). May be repeated for credit when topics vary. Prerequisite: PHIL 1381. (As needed)

43RCH Honors Research Project

This Honors Research Project in Philosophy provides the student an opportunity to conduct substantive research and to produce a serious paper which demonstrates a capacity for critical and creative thinking and research in the discipline of philosophy. This course is restricted to students in the UIW Honors Program and is not repeatable for credit.

X. DESCRIPTION OF COURSES

PHYSICS (PHYS)

[Program Description, page 269]

1101 General Physics Laboratory I

This course is the laboratory that accompanies PHYS 1301. Prerequisite: Credit for or enrolled in PHYS 1301. Fee.

1102 General Physics Laboratory II

This course is the laboratory that accompanies PHYS 1302. Prerequisite: PHYS 1301 and PHYS 1101, and credit for or enrolled in PHYS 1302. Fee.

1301 General Physics I

This Algebra-based course is a study of mechanics, gravitation, fluids, heat, and thermal properties of matter. Prerequisite: MATH 1304 or higher

1302 General Physics II

This Algebra-based course is a study of waves and wave properties, sound, fundamentals of electricity and magnetism, properties of light, optics. Prerequisite: PHYS 1301

2105 Physics Laboratory I

This course is the laboratory that accompanies PHYS 2305. Prerequisite: Credit for or enrolled in PHYS 2305. Fee

2106 Physics Laboratory II

This course is the laboratory that accompanies PHYS 2306. Prerequisite: Credit for or enrolled in PHYS 2306. Fee

2108 Physical Science Laboratory

This one hour lab accompanies PHYS 2308, Physical Science. Students will use the lab to apply the concepts presented in the lecture. This lab is designed for non-science majors. Prerequisite: MATH 1304 or equivalent. Fee

2305 Physics I

This Calculus-based course is a study of the basic concepts of motion, energy, work, momentum, gravitation, fluids, heat, and thermal properties of matter. Prerequisite: MATH 2312

2306 Physics II

This Calculus-based course is a study of the basic concepts of wave motion and wave phenomena, sound, electricity, magnetism, light, optics, and modern physics. Prerequisite: PHYS 2305

2308 Physical Science

This three hour course provides a basic introduction to elementary physics, chemistry, earth science, and astronomy with a conceptual

X. DESCRIPTION OF COURSES

emphasis. Students learn scientific problem-solving processes, higher-order thinking and creativity in problem solving. This course is designed for non-science majors. Prerequisite: MATH 1304 or equivalent. Fee

2374 Science for Elementary Teachers

This course is designed for students enrolled in the Education program, specializing in elementary education. It covers the topics in the area of physical and earth sciences; mechanics, energy, heat, sound, electricity, magnetism, light, astronomy, earth layers, plate tectonics, surface water, atmosphere and weather.

PRE-PHARMACY

[Program Description, page 175]

Courses offered by other disciplines are described in those respective disciplines.

PHAR 1105 Professional (Applied) Development Skills (PADS-I)

The first in a series of two linked courses designed to introduce the student to the profession of pharmacy. This course will focus on the history and development of pharmacy and pharmacy education in the United States. An introduction to the concept of pharmaceutical care will be included. Subsequent courses build on the previous one.

PHAR 2110 Professional (Applied) Development Skills (PADS III)

The second in a series of two linked courses designed to introduce the student to the profession of pharmacy. The overall theme is of developing professional skills through concepts of medical terminology and basic pharmaceutical calculations. Self-assessment and independent study using blackboard and other techniques are tied to group discussion and faculty feedback on progress.

PSYCHOLOGY (PSYC)

[Program Description, page 154]

1301 Introduction to Psychology

This course studies the basic facts and principles of psychology. (Fall, Spring)

2310 Critical Thinking and Writing in Psychology

This required course emphasizes how to think critically and write effectively within the scientific field of psychology. This course is intended for second-semester freshmen and sophomores OR first semester transfer students majoring in psychology. This course is for psychology majors only. This is a writing-intensive course. Prerequisite: PSYC 1301. (Fall, Spring)

2356 Lifespan Development

This course examines the physiological, cognitive, and social factors relevant to human development across the lifespan, from prenatal

X. DESCRIPTION OF COURSES

development through death. This course may not be taken by Psychology majors or minors to fulfill degree requirements. Prerequisite: PSYC 1301 . (Fall, Spring)

2370 Child and Adolescent Development

This course examines the physical, cognitive, and psychosocial aspects of child development from conception through adolescence. Prerequisite PSYC 1301. (Fall, Spring)

2380 Biology and Behavior

This course provides a fundamental understanding of how biological processes relate to human behavior. Prerequisite PSYC 1301. (Fall, Spring)

3325 Drugs and Modern Society

This course builds the foundation for understanding substance abuse, the risks and consequences of substance abuse, and the effect substance abuse has on the individual and society. The course covers the biological aspects of substance use and abuse including the psychopharmacological aspects of various chemical compounds that make up both legal and illegal substance use. The course also focuses on national patterns of use and how these influence society. Prerequisite: PSYC 1301 (Summer, as needed)

3330 Human Sexuality

This course studies the basic theories and principles of sexuality: cognitive, emotional, social, and moral. A developmental approach is followed, beginning with conception and progressing through infancy, childhood, adolescence, young adulthood, middle age, and late life. May be taken as a CLST elective. (Offered as needed)

3331 Abnormal Psychology

This course examines the psychology of normality and variations, including character disorders, substance abuse, sexual deviations, neuroses, psychoses, techniques, and theories. Prerequisite: PSYC 1301 and 3 semester hours of PSYC. May be taken as a CLST elective. (Fall, Spring)

3340 Drug Use Prevention and Community Psychology

In this course, students will be introduced to principles of community psychology, systems theory, various types of prevention, resiliency, and environmental interventions used in community psychology. Problems like teen pregnancy, homelessness, and drug abuse/dependence are examined through a service learning assignment, and considered within an ecological perspective and social justice framework. This course meets the Texas Certification Board of Addiction Professionals' prerequisites for certification as a 'Certified Prevention Specialist' by providing the student with half of the 100 hours of prevention training. Prerequisites: PSYC 1301 and PSYC 3351 or 3385 or instructor's permission.(Fall)

X. DESCRIPTION OF COURSES

3345 Sports Psychology

This course provides a fundamental understanding of how psychological theory and processes relate to sports performance. Prerequisite: PSYC 1301. (Offered as needed)

3351 Social Psychology

This course studies individual behavior and attitudes as influenced by other individual and groups, and considers conformity, mass media, attitude formation and change, attraction, aggression, prejudice, and behavior in groups. Cross-referenced with SOCI 3351. Prerequisite PSYC 1301 or SOC 1311. May be taken as a CLST elective. (Fall, Spring)

3353 Personality

This course studies the theories of personality, with current research and applications to adult life. It explores therapeutic intervention, and examines growth and mental health of adult personality changes. Prerequisite: PSYC 1301. (Fall, Spring)

3355 Psychology of Women

The Psychology of Women examines the broad range of experiences women and girls encounter across their lifespan. Using both a developmental and topical approach, the course explores the physical, cognitive, and psychosocial aspect of girls' and women's lives. The course provides a brief review of the historical events leading up to modern women's psychology, as well as a rationale for studying the psychology of women. Conducting research on women's issues is explored with a discussion of the advantages and disadvantages of traditional methods. (Offered as needed)

3370 Adult Development and Aging

This course examines the biological, cognitive, and psychosocial aspects of human behavior and abilities that occur from young adulthood through late adulthood. Prerequisite PSYC 1301. (Fall, Spring)

3376 Cognition and Memory

This course provides an understanding of the process of thinking, knowing, problem-solving, and mentally processing information. The course examines the mental system for receiving, storing, organizing, altering, and recovering information. Prerequisite PSYC 1301 and 3 semester hours of Psychology. (Offered as needed)

3381 Statistics for Behavioral Sciences

This course examines common behavioral science statistical techniques such as frequency distributions, measures of central tendency, variability, correlation and tests of significance, chi-square, and non-parametric tests. Cross-referenced with SOCI 3381. Prerequisites: MATH 1304, MATH 2303 or permission of instructor. (Fall, Spring)

X. DESCRIPTION OF COURSES

3384 Research Methods

This course introduces basic research issues relevant to the behavioral and social sciences. A variety of research methodologies will be discussed, including descriptive, correlational, and experimental methods. Critical thinking skills, the ethical context of research, and APA style will be emphasized. This is a writing-intensive course. (Cross referenced with SOCI 3384). Prerequisites: PSYC 1301 or SOCI 1311, and PSYC 3381 or SOCI 3381 with a C or better. (Fall, Spring)

3385 Multicultural Issues

This survey course examines how psychological theory applies in multicultural contexts. The course also examines professional and social issues of psychology, including ethics and public policy. This is a writing-intensive course. This course is offered as a hybrid course in Fall. May be taken as a CLST elective. Prerequisite: PSYC 1301. (Fall, Spring)

3465 Drug Use Prevention and Interventions

In this four-credit course, students will be introduced to various types of alcohol, tobacco, and drug-abuse prevention and ATOD psychotherapies, and will learn how these are integrated into a comprehensive community approach to reduce drug addiction. ATOD abuse and dependence as a risk factor for other social problems and implications for policy change are explored within a social justice framework. Substantial field work is a required part of this course. This course meets the Texas Certification Board of Addiction Professionals' prerequisites for certification as a 'Certified Prevention Specialist' by providing the student with half of the 100 required hours in ATOD prevention training. Prerequisites: PSYC 1301 and PSYC 3325 or instructor's permission.

3472 Learning

This course will examine the various theoretical models including classical conditioning, operant conditioning, and social/observational learning that contribute to relatively permanent changes in behavior. Laboratory work, using current learning software will provide hands-on demonstrations of the theories discussed in lecture and text. Prerequisites: PSYC 1301, PSYC 3381, and PSYC 3384 with a grade of C or better. (Fall, Spring)

4320 Health Psychology

This course provides a scientific study of psychological principles used to prevent and treat illness and promote health. This course examines how behaviors relate to health enhancement, disease prevention, safety, and rehabilitation. Prerequisites: PSYC 1301, and 6 semester hours of Psychology or permission of instructor. (Offered as needed)

4330 Developmental Psychopathology

This course examines interventions for youth at-risk. Teenage pregnancy, violence, dropping out of school, depression, and substance abuse are presented in terms of understanding, and strategies for helping at

X. DESCRIPTION OF COURSES

home, school and residential settings. Anxiety, child abuse, fears, and anger solutions are also presented. Strategies of problem solving and self-worth building are among the skills that will be learned. Prerequisites: PSYC 1301, PSYC 2370, and PSYC 3331. (Spring)

4331 History of Psychology

This course examines the historical antecedents of psychology, including the origins of the various perspectives and schools of thought offered in psychology. Prerequisites: PSYC 1301 and 9 semester hours of upper division psychology courses. Senior Psychology majors only, not open to Psychology minors. (Fall, Spring)

4332 Theories of Psychotherapy

This course is a survey of the various psychological techniques used to facilitate positive changes in an individual's personality, behavior, or adjustment. Group therapies will also be examined. Prerequisites: PSYC 1301, PSYC 3331, and any 3-semester hours of psychology credit, or permission of instructor. (Offered as needed)

4340 Physiological Psychology

This course focuses on the sensory systems and potential responses by the neurological and endocrine systems to incoming sensation. Biological bases of behavior will be examined (e.g., emotional responses, general arousal, anxiety, sexual behaviors, memory, states of consciousness, mental illness, and neurological disorders). Prerequisites: PSYC 1301, PSYC 2380, and 9 additional hours in Psychology, or by permission of the instructor (Alternating Fall semesters)

4353 Social Cognition

This course will introduce the theories and concepts of social cognition, a subspecialty of social psychology. Topics to be addressed may include social categorization and stereotyping, attribution theory, social memory, social judgment, implicit attitudes, and the interplay of affect and cognition. Prerequisites are PSYC 1301, PSYC 3351, 9 additional hours of psychology credit, and senior standing or instructor permission. (Alternating Spring semesters)

4359 Directed Practicum/Internship

This course is an educationally directed program under the supervision of faculty and agency professionals, offering an opportunity to acquire skills through experience, and to apply skills acquired in the classroom. It requires a minimum of 100 field hours; May be repeated once, for a total of 6 semester hours. Prerequisites: Junior or Senior PSYC Majors, PSYC 1301, PSYC 3331, and permission of instructor. (Fall, Spring)

4380 Psychometrics

This course will discuss the methodological and statistical procedures involved in the construction of tests. Students will examine the theoretical approaches, ethical issues, and procedures of testing, including reliability,

X. DESCRIPTION OF COURSES

validity, standardization, intelligence, educational assessment, personality assessment, neuropsychological assessment, and clinical approaches. Prerequisites: PSYC 1301, 3331, 3381, and 3384. (Spring)

4381 Advanced Statistics

This course provides students advanced training in statistics, combining statistical theory with the practical application of statistical analysis in SPSS. Analyses to be covered may include Regression Analysis, Analysis of Variance (ANOVA), Analysis of Covariance (ANCOVA), Factorial Designs, General Linear Model (GLM), ANOVA with repeated measures, and an introduction to Multivariate Statistics. Prerequisites: PSYC 3381 or SOCI 3381 with a grade of C or better, and PSYC 3384 or SOCI 3384 with a grade of C or better. (Alternating Fall semesters)

4375H Honors Psychological Research

This course focuses on significant modes of psychological inquiry. It gives an in-depth exploration into the types of methodological work employed in the field of psychology. This course is restricted to students in the UIW Honors Program and may be taken only once.

4484 Advanced Research Methods

This course will provide students with an advanced discussion of and analysis of research methodology in psychology with an emphasis on the experimental method building on the material learned in PSYC/SOCI 3384. Students will design and execute an independent research study. Prerequisites: PSYC 3384 or SOCI 3384, and PSYC 4381 (Advanced Statistics), with a C or better in both. (Alternating Spring semesters)

4490 Drug Use Prevention, Community Interventions, and Criminal Justice Internship

This course requires 120 clock hours of service learning in some aspect of alcohol, tobacco, and other drug (ATOD) prevention, and community psychology, or criminal justice. The course includes a comprehensive exploration of ATOD prevention, criminal justice, and psychology ethics. At least ten hours of the internship will be allotted to each of: Planning and Evaluation, Education and Skill Development, Community Organization, Public and Organizational Policy, and Professional Growth and Responsibility. This course also requires completion of an action research project that meets a need at the internship site. This course is a required course for psychology majors completing the Addiction Prevention Specialist/Community Psychology option. This course is an elective course for the criminal justice major. Enrollment is restricted to juniors and seniors. Instructor's permission/signature is required for registration. Prerequisites: PSYC 3340 or CRJU 1311 and instructor permission to enroll. (Spring, Summer)

X. DESCRIPTION OF COURSES

RELIGIOUS STUDIES (RELS)

[Program Description, page 156]

1305 Introduction to Theology and Ethics

This course offers an introduction to the basic theological foundations of the Christian faith with special attention to its ethical implications in contemporary society. This course fulfills the undergraduate UIW Core Curriculum requirement in Religious Studies. This course may not be repeated for credit.

1310 Introduction to Theology

This course introduces students both to the content of Christian faith (salvation, grace, Jesus, etc.) and to the variety of ways in which this content has been shaped and expressed throughout Christian history.

1315 Origins of Christianity

This course examines the development of the biblical canon and key theological ideas in early Christianity. Students will be introduced to topics including, but not limited to: methods of biblical interpretation, key theories in the development of biblical traditions in the Hebrew Bible and Christian Scriptures; the diversity of faith perspectives in early Christian communities, the implications of Christianity's transformation from persecuted sect to Imperial religion, and the processes of adaptation as the gospel encountered cultures beyond the Greco-Roman world, up to c. 500 CE. This course fulfills the undergraduate UIW Core Curriculum requirement in Religious Studies. This course may not be repeated for credit.

1325 The Religious Quest

This course examines definitions and elements of religion, explores the nature of the Sacred and human responses to the Sacred, and considers challenges to traditional religion in contemporary culture. Drawing examples from Christianity and other World Religions, this course considers the roles and functions religion plays in human life and in society. This course fulfills the undergraduate UIW Core Curriculum requirement in Religious Studies. This course may not be repeated for credit.

1327H Theological Anthropology

This course in theological anthropology examines both traditional and contemporary understandings of the biblical view of humanity as made in the image of God (Gen. 1:27). Special attention is given to how theological anthropologies can function both as a foundation for human dignity and as an inspiration for equality and social justice in the midst of human failings and suffering. This course fulfills the Core Curriculum requirement for Religious Studies and is restricted to students in the UIW Honors Program.

1335 Spirituality and Prayer

This course studies spirituality and prayer as expressions of the human relationship with the Sacred in Christianity and other religions. It will emphasize Abrahamic traditions, practical examples of spirituality and

X. DESCRIPTION OF COURSES

prayer in the lives and works of selected authors, contemporary approaches to spirituality, and the inter-relationship with justice and peace.. This course fulfills the undergraduate UIW Core Curriculum requirement in Religious Studies. This course may not be repeated for credit.

1345 Biblical Themes

This course reviews various contemporary themes in relationship to both the Hebrew Scriptures (Old Testament) and the Christian Scriptures (New Testament), with an emphasis on interpretation and methodological approaches (i.e., historical criticism, literary criticism, and cultural studies).

3315 Gospels and Acts

This course surveys the history, literature, and faith of early Christianity found in the Gospels and the Book of Acts, with an emphasis on interpretation and methodological approaches (e.g., historical criticism, literary criticism, and cultural studies).

1355 History of Christianity

This course is an introduction to the history and impact of Christianity as a world religion from its origin in Jesus and the apostolic period up to the Reformation in the 16th century, including major movements, key figures, and doctrinal developments.

1370 Introduction to Religious Studies

This course examines the discipline of Religious Studies and the study of religion in general in the context of higher education. Students will learn a variety of methods and critical ideas utilized in the contemporary study of religion. Special focus will be given to topics and themes commonly addressed in Religious Studies that are important for understanding Western culture and the Christian tradition. Furthermore, the history of the study of religion in the context of higher education and its place in the curriculum of the modern university will be explored, with special attention given to the mission and identity of UIW and Roman Catholic institutions of higher learning.

1375 Prayer and Spirituality

This course studies prayer in the biblical tradition, prayer in the life of major Christian spiritual authors, and contemporary spirituality and prayer.

2345 World Religions

This course examines the beliefs, history, culture, sacred texts and religious views of various world religions. Emphasis is also made in regard to inter-religious dialogue, church documents of ecumenism and religious experiences in various houses of worship. May be taken as a CLST elective.

3301 Bible: Genesis to Kings

This course surveys the history, literature, and faith of ancient Israel found in the Hebrew Scriptures (Old Testament), with an emphasis on

X. DESCRIPTION OF COURSES

interpretation and methodological approaches (e.g., historical criticism, literary criticism, and cultural studies).

3303 Understanding Catholicism

This course is an overview of the beliefs, structures and worship of the Roman Catholic Church. Distinctive features of Roman Catholicism such as the relationship between nature and grace, the nature of the Church, the role of the sacraments, Catholic Social Teachings and aspects of popular piety are examined.

3305 Catholic Social Teachings

This course is a study of issues and practices of the Catholic Church dealing with social justice beginning in the 1890's and continuing through post Vatican II documents to the present day. May be taken as a CLST elective. Prerequisite: 3 hours of RELS or permission of the instructor.

3310 Pauline Literature

This course surveys the social world, literature, and theology of early Christianity found in the Pauline writings (both the "authentic" Pauline and other apostolic letters), with emphasis on interpretation and methodological approaches (rhetorical criticism, social history, and cultural studies). Prerequisite: 3 hours of RELS or permission of the instructor.

3320 Christian Symbols and Celebrations

This course is a study of the major rituals and symbols in the celebrations and worship of the Christian Church. Special emphasis is on the sacraments. Prerequisite: 3 hours of RELS or permission of the Instructor.

3322 Christianity through Art

This course examines major themes and historical and cultural movements of the Christian faith through the perspective of the arts and/or literature. Prerequisite: 3 hours of RELS or permission of the Instructor. May be taken as a CLST elective.

3325 Arts for Christian Worship

This course examines the importance of the imagination in worship, principles for using the arts, and experience in creating drama, dance, and art for worship. Prerequisite: 3 hours of RELS or permission of the Instructor.

3329 Religion in America

This course is an exploration of the changing religious landscape of the United States, starting in the Colonial period and ending with an examination of the contemporary reality of religious pluralism.

3330 Religion, Values, and Film

This course presents a systematic study of the representation of religion and values in contemporary North American film, a medium which is

X. DESCRIPTION OF COURSES

becoming increasingly important as a vehicle by which cultural values are shaped and exchanged. May be taken as a CLST elective.

3355 U.S. Latino/a Spirituality

This course explores the various expressions of belief and spirituality among U.S. Latino/a communities. May be taken as a CLST elective.

3335 God and Human Sexuality

This course examines Christian theological and ethical teachings concerning sexuality and interpersonal relationships. Attention is given to issues of gender, body and spirit, sexual violence, and marriage and intimacy. May be taken as a CLST elective. Prerequisite: 3 hours of RELS or permission of the instructor.

3340 Feminist Theologies

This course explores the thought of various feminist, womanist, and mujerista/latina theologians and the contributions they have made to the field of Christian theology more generally. May be taken as a CLST elective. Prerequisite: 3 hours of RELS or permission of the instructor.

3350 Environmental Theology and Ethics

This course explores both various perspectives on nature found within the Christian theological and ethical tradition and major ethical implications of global environmental policies, including issues of world hunger and food supplies; inequities in land and resource distribution; racial, ethnic and gendered aspects of environmental policies; conservation efforts; and materialism and consumerism. May be taken as a CLST elective. Prerequisite: 3 hours of RELS or permission of the instructor.

3365 Christian Worship

This course studies the significance of ritual, the nature of liturgy, and the history and structure of worship. Prerequisite: 3 hours of RELS or permission of the Instructor.

3370 Christian Ethics

This course presents an understanding of Christian and particularly Catholic arguments and reasoning concerning a variety of moral issues. Emphasis is given to the sources of Catholic moral thought and the development of moral conscience. Some of the topics to be discussed include the death penalty, abortion, sexuality, and economic injustice.

3399 Contemporary Issues

This course provides a study of selected topics of special contemporary theological interest or importance. Course can be repeated for credit. Prerequisite: 6 hours in RELS or permission of Instructor.

4x49 Field Experience

This practicum explores praxis-oriented theory and methods of teaching, evaluation, research, and creative expression in the setting of general or

X. DESCRIPTION OF COURSES

religious education. Prerequisite: 24 hours of RELS. Supervised by UIW RELS faculty. One to three credit hours. May be repeated.

4300 Women and Faith

This course examines issues of contemporary women in relation to social justice within the context of Christian faith. May be taken as a CLST elective. Prerequisite: 3 hours of RELS or permission of the instructor.

4310 Women in the Christian Tradition

This course studies selected women from biblical to contemporary times whose activities or writings have contributed to Christianity. May be taken as a CLST elective. Prerequisite: 3 hours of RELS or permission of Instructor.

4320 U.S. Latino/a Theology and Culture

This course is an introduction to U. S. Latino/a theology, its methodology, and current expressions. May be taken as a CLST elective. Prerequisite: 3 hours of RELS or permission of the instructor.

4330 Death and Belief

This course examines religious beliefs and practices concerning death and the afterlife. Emphasis is placed on common themes found in the teachings of major faith traditions and on religious and moral issues related to death and dying in contemporary culture. May be taken as a CLST elective. Prerequisite: 3 semester hours of RELS or permission of the Instructor.

4345 Theologies of Liberation

This course provides an overview of emerging theologies of liberation from several perspectives, such as Latin American, Feminist, African-American, U.S. Latino/a, and Asian. May be taken as a CLST elective. Prerequisite: 3 semester hours of RELS or permission of the Instructor.

4362 Lay Leadership of Public Prayer

This course explores the theological foundations for the language and design of prayer; skills of oral communication and introduction to homiletics; and presiding at communion and other services. Prerequisite: 3 semester hours of RELS or permission of the instructor.

RESEARCH (RSCH)

1100 Introduction to Information Literacy

This undergraduate course is designed to teach and strengthen lifelong research and information literacy skills by introducing students to information resources and library services. Students learn about research concepts, the tools commonly used in academic research, basic and advanced research techniques, and methods of evaluating the credibility of information. No prerequisites. Elective credit. This course is not repeatable for credit.

X. DESCRIPTION OF COURSES

4301 Research Methods and Techniques

Designed for McNair Scholars in preparation for independent research. Students will explore a variety of research methods and designs, IRB requirements, conduct literature reviews, become familiar with APA, MLA, and other formatting methods, prepare formal research proposals, prepare for GRE examinations, prepare a curriculum vitae, prepare personal statements, and develop presentation techniques.

SOCIOLOGY (SOCI)

[Program Description, page 159]

1311 Introduction to Sociology

This course studies the structure and function of social groups and of basic sociological concepts.

2335 Social Issues Through Cinema

This course examines major social issues through the use of important U.S. and international films. May be taken as a CLST elective.

2341 Social Institutions

This course examines basic social institutions, with special emphasis on the familial, political, religious, educational, and economic institutions.

3301 Collective Behavior and Social Movements

This course studies the forms and causes of collective behavior, with a special emphasis on modern social movements.

3321 Social Problems and Social Justice

In this course, a wide variety of current social problems are studied in depth, including the problems, history, extent, causes, effects, and possible solutions. May be taken as a CLST elective.

3322 Criminology

This course examines the nature, extent, causes, and treatment of crime and delinquency, criminological theory, agencies of control, and programs of crime prevention. May be taken as a CLST elective.

3323 Issues in Contemporary Criminal Justice

This course focuses on current major developments in the American criminal justice system. It covers recent and very specific developments in law enforcement, criminal courts, and/or correctional agencies. Prerequisite: CRJU 1311. Cross-listed with SOCI 3323.

3324 Sociology of Deviance and Mental Illness

This course examines the forms and causes of social deviance, with a special emphasis on the sociological interpretation of mental illness.

X. DESCRIPTION OF COURSES

3332 Culturology and Cross-Cultural Communication

This course examines the importance of culture and its role in communication. May be taken as a CLST elective. Cross-listed with ANTH 3332.

3343 Sociology of the Family

This course investigates the history, functions, and present status of the family, and examines and analyzes some of the important family problems.

3344 Social Stratification

This course studies the class, estate, and Caste systems, and the economic, ethnic, power, and prestige dimensions of stratification. May be taken as a CLST elective.

3345 Sociology of Religion

This course examines religion as a social institution, and studies modes of worship, administration, interaction, and classification of religious groups such as cults, sects, denominations, and ecclesia.

3347 Sociology of the Death Penalty

This course examines the death penalty internationally and in the United States. It covers the history of the death penalty, methods of execution, its impact as a deterrent to murder, its legal status, its connections to race, social class, gender, geography, religion, economics, and the issue of miscarriages of justice. Prerequisite: SOCI 1311. Cross-listed with CRJU 3347.

3350 Sociology of Sport

The role of sport in American society: social values, racism, sexism, violence, and other social issues are examined in relation to sports. May be taken as a CLST elective.

3351 Social Psychology

This course studies individual behavior and attitudes as influenced by other individuals and groups, and considers conformity, mass media, attitude formation and change, attraction, aggression, prejudice, and behavior in groups. Introductory group process. May be taken as a CLST elective. Prerequisite: PSYC 1301 or SOCI 1311.

3355 Aging in America

This course is an investigation into the growing body of knowledge on the process of aging, and the realities of aging in contemporary society.

3356 Death in America

This course examines the dying-grief - bereavement process in American culture, and the role of various institutions in the interpretation and acceptance of these phenomena. Cross referenced with RELS 4330.

X. DESCRIPTION OF COURSES

3361 Urban Sociology

This course studies the growth of urbanism and urbanization: institutions, planning, and change, including the impact of urban living on social behavior.

3371 Minority Relations

This course studies racial and ethnic groups in the United States, including their sociological significance in national culture. May be taken as a CLST elective.

3372 Hispanics in America

This course focuses on socio-cultural characteristics of various major Hispanic groups living in the United States. May be taken as a CLST elective.

3381 Statistics for Behavioral Sciences

This course examines the statistics most commonly used in the study of sociology and social problems, with special emphasis upon frequency distributions, measures of central tendency, variability, correlation and tests of significance, chi square, and non-parametric tests. Cross-listed with PSYC 3381.

3384 Research Methods

This course provides the opportunity for students to use experimental design in field situations, including actual field experience, non-parametric social sciences and allied areas. Prerequisite: PSYC 1301 or SOCI 1311. SOCI 3381 strongly recommended. Cross-listed with PSYC 3384.

3387 Sociological Theory

This course studies social theorists of the nineteenth and twentieth centuries and their contributions to the field of sociology. Special emphasis is placed on Marx, Weber, and Durkheim. (Writing intensive).

4310H Social and Political Thought

This course focuses on significant developments in Western social and political thought. It gives an in-dept exploration into the writings and thought of those great thinkers who have shaped our understanding of modernity and what it means to be human. Prerequisite: one history course. This course fulfills the Core Curriculum requirement for social sciences and is restricted to students in the UIW Honors Program.

4359, 4360 Directed Practicum/Internship I, II

This course provides an educationally directed program under supervision of faculty and field professionals to acquire further skills and test theories and skills acquired in the classroom. Required 180 field hours. Course does not fulfill requirements for Sociology minors.

X. DESCRIPTION OF COURSES

4392 Directed Readings in Sociology

This course studies major writings in the principal areas of sociology since World War I.

SPANISH (SPAN)

[Program Description, page 161]

1311 Elementary Spanish I

This course introduces students to fundamentals of Spanish, with emphasis on developing listening comprehension and speaking skills. It includes activities for developing abilities in speaking, listening, reading, and writing. 3 class hours. Individual laboratory. (Fall, Spring, Summer)

1312 Elementary Spanish II

This course continues instruction in the fundamentals of Spanish, with emphasis on listening comprehension and speaking skills, while providing more emphasis on abilities in reading and writing. It includes activities for developing abilities in speaking, listening, reading, and writing. 3 class hours. Individual laboratory. Prerequisite: SPAN 1311. (Fall, Spring, Summer)

1313 Beginning Spanish for Health Care Professionals

This course offers further development of Spanish communication skills acquired in previous study or experience, with focus on vocabulary needed in the health care field, and on cultural appropriateness of interactions with Hispanic patients. Prerequisite: At least one course in beginning Spanish (1311 or 1312) or consent of instructor. May also be counted for credit by students who have taken both 1311 and 1312 or who have earned 6 hours of CLEP credit. (Fall, Spring)

2311 Intermediate Spanish I: Oral Communication

This course provides extensive practice in oral communication, with emphasis on the development of oral proficiency and skills such as discussion, reading aloud, story telling, informative presentations, and persuasive speaking. It includes a review of grammar and usage in the context of the spoken word. Prerequisites: SPAN 1311 and SPAN 1312 or equivalent. (Fall)

2312 Intermediate Spanish II: Writing

This course involves practice of written Spanish appropriate for limited publication, such as newsletters and collections of recipes, essays, and other academic or creative writing. It presents grammar and usage, as well as spelling, punctuation, and use of the orthographic accent, in the context of writing for a wider audience. (Spring)

3301 Advanced Spanish Grammar and Composition

This course covers an extensive review of complex grammatical structures with vocabulary building. Students will do a selected grammar review to strengthen skills in Spanish language composition. The basic

X. DESCRIPTION OF COURSES

writing skills of spelling, punctuation, and accentuation will also be reviewed. Differences between the written and spoken language will be pointed out toward the production of compositions using the written standard. Prerequisites: SPAN 2311 and SPAN 2312, or permission of instructor. (Odd-numbered Falls)

3311 Culture and Civilization of Spain

This course is a study of the customs, ideas, and attitudes of the people of Spain. It explores the development of regional differences in popular culture, as well as the changes in the material and intellectual culture of ruling groups. Prerequisites: SPAN 2311 and SPAN 2312, or permission of the course instructor. (Even-numbered Springs). May be taken as a CLST elective.

3312 Culture and Civilization of Latin America

This course is a study of the customs, ideas, and attitudes of the people of Latin America. It explores the development of regional differences in popular culture, as well as the changes in the material and intellectual culture of ruling groups. Prerequisites: SPAN 2311 and SPAN 2312, or permission of the course instructor. (Even-numbered Falls). May be taken as a CLST elective.

3319/3619 Internship in Spanish

This course provides a practical experience as a language professional in an international or bilingual environment, with opportunities to develop skills in speaking, reading, and translating Spanish. Prerequisites: SPAN 2311 and SPAN 2312 or the equivalent, and permission of instructor. Requires 140-160 hours of work for 3 hours credit, 280-320 hours of work for 6 hours credit. SPAN 3319 may be repeated once for credit. (As needed)

3321 Introduction to Hispanic Linguistics

This course presents the sound system, grammar, and semantics of Spanish using methods of analysis developed in modern linguistics. Attention will be given also to social variation of language, language acquisition, and the historical development of dialect differences. Prerequisites: SPAN 2311 and SPAN 2312 or permission of instructor. (Odd-numbered Falls)

3322 Spanish Phonetics and Oral Communication

This course is an analysis of the sound system of Spanish, with intensive practice in oral communication with emphasis on pronunciation and voice quality suitable for culturally appropriate communication in a variety of situations. Prerequisites: SPAN 2311 and SPAN 2312, or permission of instructor. (Odd-numbered Springs)

3331 Spanish Literature to 1700

This course examines readings from major Spanish authors from the Middle Ages to 1700, involving practice in critical analysis through discussion, reports, compositions, and examinations. Prerequisites: SPAN

X. DESCRIPTION OF COURSES

2311 and SPAN 2312, or permission of instructor. (Even-numbered Springs)

3332 Spanish Literature Since 1700

This course examines readings from major Spanish authors from 1700 to the present, involving practice in critical analysis through discussion, reports, compositions, and examinations. Prerequisites: SPAN 2311 and SPAN 2312, or permission of instructor. (Odd-numbered Springs)

3333 Spanish for Professional Fields

This course provides refinement of language skills and study of cultural patterns and behavior observed in the professional world. Attention will be given to pronunciation, vocabulary, syntax, and style levels appropriate to professional areas. Prerequisites: SPAN 2311 and SPAN 2312, or permission of instructor. (As required)

3334 Spanish in the Media

In this course, students will view video and film, read newspaper and magazine articles from Spanish and Latin American sources, analyze the linguistic and stylistic requirements of the different media, and practice writing articles and scripts. Student productions will be videotaped for evaluation. Prerequisites: SPAN 2311 and SPAN 2312, or permission of instructor. (As required)

3335 Children's Literature in Spanish

This course is a survey of children's and adolescent literature written in Spanish by authors from the U.S., Latin America, and Spain. It presents approaches to literature appropriate for young readers, with research into the reading process in second language and bilingual settings. Prerequisites: SPAN 2311 and SPAN 2312, or permission of instructor. (Odd-numbered Springs)

3337 Applied Linguistics for Teaching

This course examines recent theory of language acquisition and teaching, current language teaching practice, new national and state standards, and other professional issues for language teachers. It also provides an analysis of the problem areas of Spanish for students, both experienced and inexperienced speakers, and involves practical application of theory to classroom activities, for teachers K-12. Prerequisites: SPAN 2311 and SPAN 2312 or permission of instructor. Recommended: SPAN 3321. (Even-numbered Falls)

3341 Spanish-American Literature to Modernism

In this course, students will read Spanish-American authors from Pre-Columbian times to Modernism and thoroughly analyze them through discussion, reports, compositions, and examinations. Prerequisites: SPAN 2311 and SPAN 2312, or permission of instructor. (Even-numbered Falls)

X. DESCRIPTION OF COURSES

3342 Spanish-American Literature since Modernism

In this course, students will read Spanish-American authors from Modernism to the present and critically analyze them through discussion, reports, compositions, and examinations. A topic chosen each semester will provide a central theme for study of the texts: the dictatorship, women and men in literature and society, a child's view of the world, or other theme. Prerequisites: SPAN 2311 and SPAN 2312, or permission of instructor. (Odd-numbered Falls)

3343 The Literature of U.S. Hispanics

In this course, students will read and analyze American-born authors of Hispanic descent, especially from the Mexican-American, Puerto Rican and Cuban-American traditions. Prerequisites: SPAN 2311 and SPAN 2312, or permission of instructor. (Even-numbered Springs) May be taken as a CLST elective.

4311 Topics in Hispanic Linguistics

This course is an advanced study in Hispanic linguistics. It may be repeated for credit when topics vary. Prerequisite: Permission of instructor. (As required)

4312 Topics in Spanish or Spanish-American Culture and Civilization

This course is an advanced study in Spanish or Spanish-American culture and civilization. It may be repeated for credit when topics vary. Prerequisite: Permission of instructor. (As required)

4313 Topics in Spanish or Spanish-American Literature

This course is an advanced study in Spanish or Spanish-American literature, focusing on a period, genre, or author. It may be repeated for credit when topics vary. Prerequisite: Permission of instructor. (As required)

4320 Elementary Spanish I for Pharmacists

This course introduces Pharmacy students to the fundamentals of Spanish, with emphasis on developing listening comprehension and speaking skills in the pharmacy setting. It includes activities for developing abilities in speaking, listening, reading, and writing. Three class hours. PharmD students only. (Summer)

4321 Elementary Spanish II for Pharmacists

This course continues to introduce Pharmacy students to the fundamentals of Spanish, with emphasis on developing listening comprehension and speaking skills in the pharmacy setting, and on specialized vocabulary required for counseling concerning prevention, illnesses and medication. It includes activities for developing abilities in speaking, listening, reading, and writing. Three class hours. PharmD students only. Prerequisite: SPAN 4320. (Summer)

X. DESCRIPTION OF COURSES

4398 Independent Study in Spanish

This course provides an opportunity for students to engage in independent research and writing under the supervision of a faculty member. Prerequisite: Senior standing and approval in writing of the student's proposal by instructor. (As needed)

SPEECH (SPCH)

[Program Description, page 250]

1311 Public Speaking

This course introduces students to the preparation, delivery, and evaluation of informative and persuasive speeches. It satisfies the CORE requirement. (Spring, Fall)

2321 Voice and Diction

This course promotes the improvement of the speaking voice. Emphasis is placed on voice production, enunciation, and speech dynamics. (Spring)

2331 Oral Interpretation of Literature

This course is an analysis of literary forms with selected readings from poetry, prose, and dramatic literature. (Fall)

2341 Business and Professional Speech

This course examines the role of Communication in professional, organizational, and industrial settings. It covers informative reports and sales presentations, interviews, small-group discussion, meetings, nonverbal communication in the workplace, and negotiation processes. (Fall, Spring)

3371 Persuasion

This course is a study of persuasive principles and practices involving the delivery of propositions of fact, value, and policy. Prerequisite: SPCH 1311. (Fall)

3391 Nonverbal Communication

This course surveys the theory and application of social and physical environment, body image, and artifacts, gesture and posture, face, eyes, voice, time, and the senses. (Summer)

4371 Interpersonal Communication

This course explores the self and human relationships. Includes intrapersonal communication, perception, language, emotions, listening, nonverbal communication, and interaction processes. (Spring)

4395 Practicum in Speech

This course offers students an opportunity to analyze the various modes of communication in an intensive study. It also provides students with the

X. DESCRIPTION OF COURSES

practical persuasive skills needed to complete in a highly competitive social system.

SPORT MANAGEMENT (SMHP)

[Program Description, page 189]

3301 Introduction to Sport Management

Survey and introduction to the field of Sport Management. Topics include types and structures of sports organizations, local to global, quality management, leadership, governance, strategic planning, performance review, information systems, and introduction to sports research.

3302 Human Factors in Sport Management

Overview of individual and organizational dynamics that effect human behavior and performance. Includes value of the individual, self-awareness, motivation, interpersonal skills, teamwork, decisions, ethics and values, organizational communication and culture, and activities.

3303 Seminar in Sports Organizations and Public Market

Organization and promotion of special events. Topics include communication and mass media, marketing and advertising, finance, economics of sports and community impact. Requires service learning component and on-site orientation and activities.

3319 Internship in Sport Management

Requires 140 hours of work in a major sports organization and a project. Prerequisites: 9 hours in Sport Management and permission of instructor.

THEATRE ARTS (THAR)

[Program Description, page 162]

1191 Theatre Practicum

This course provides students with laboratory experience in acting, stage management, and the design, construction, and handling of scenery, lighting, sound, properties, costumes, and publicity. Fee. (Fall, Spring)

1320 Acting in Everyday Life

This course introduces the art of acting in order to develop an appreciation of the art and an understanding of how various acting techniques may be used to heighten one's awareness and as a tool for self-realization. Fee. Satisfies Core Fine Arts requirement. (Fall, Spring)

1321 Beginning Acting

This course introduces the art of acting for the student wishing to major in Theatre Arts. The course focuses on the basic principles and techniques of realistic acting, based upon the methods of Constantine Stanislavsky. Fee. Satisfies Core Fine Arts requirement for Theatre Majors. (Fall)

X. DESCRIPTION OF COURSES

1322 Intermediate Acting

This course is a continuation of the study of the art and technique of acting, with the major focus on the process of characterization and scene study. Fee. Prerequisite: THAR 1321. (Fall)

1380 Introduction to Theatre

This course is intended for Theatre Arts majors and minors. It introduces the process of theatrical production as well as the academic study of theatre, its history, art, and craft. Fee. Satisfies Core Fine Arts requirement. (Fall)

1381 Theatre Appreciation

This course is a survey of the process of taking a play from the page to the stage. The focus includes the study of representative theatrical periods, plays, and production techniques. It is designed for the non-theatre major. Satisfies Core Fine Arts requirement. May be taken as a CLST elective. (Various)

2192/2193 Theatre Practicum

This course provides students with a laboratory experience in acting, stage management, and the design, construction, and handling of scenery, lighting, sound, properties, costumes, and publicity. THAR 2193 may be repeated for credit. Fee. (Fall, Spring)

2242 Basic Stage Make-up

This course studies the principles of the art, technique, and design of stage makeup. Fee. (Various)

2324 Stage Movement

This course studies and actively explores stage movement (including open-handed stage combat and character mask work) in order to develop the performer's physical self-awareness and the basic movement tools used to embody dramatic characters. Fee. (Various)

2325 Theatre Voice and Speech Studies

This course introduces students to the fundamentals of correct voice production and clear speech as it applies to acting for the stage, presentation of portfolio, and audition. (Various)

2330 Performance for Animators

This course increases the student's awareness and understanding of how characters are created; how physical composition, movement, and other aspects of non-verbal communication may shape and convey emotion; and how vocal quality may be used and heightened to characterize for the purpose of entertainment or advertising relevant to digital media or illustration. This course may not be repeated for credit. Fee. (Various)

X. DESCRIPTION OF COURSES

2350 Survey of Musical Theater in the U.S.

This course will expose the student to the most popular of the many forms of music on the stage. These works will include revues, operettas, operas, and Broadway musicals. In this course the student will develop the ability to differentiate among the many styles and time periods and form a time line for the individual style formation and maturation of each particular genre. Visual and aural learning will take place. (Various)

2360 Introduction to Technical Production

This course studies the basic terminology and procedures of scenery and costume construction, lighting, properties and backstage organization. It includes a laboratory experience in these production aspects. Fee. (Spring)

2361 Introduction to Theatre Design

This course introduces students to the application of scenic, costume, and lighting principles and formats. Skills include drawing, painting, and model making techniques for the expression of theatrical design. Fee. Satisfies Core Fine Arts Requirement. (Fall)

2380 Play Analysis

This course examines text analysis for the actor, director, and designer, using an overview of texts from the Greeks to contemporary dramatists. (Spring)

3194/3195 Advanced Theatre Practicum

This course provides students with an advanced laboratory experience in acting, directing, and stage management, as well as the design, construction, and handling of scenery, lighting, sound, properties, and costumes. Prerequisites: THAR 2193 and permission of the instructor required. Fee. (Fall, Spring)

3304 Children's Theatre

This course examines the theory and practice of play production for the child audience, with laboratory application. Prerequisite: THAR 1322 or permission of the instructor. Fee. (Various)

3323 Acting in Verse

This course presents special problems in acting related to verse texts, e.g. the Greeks, Shakespeare, and Moliere. Fee. Prerequisite: THAR 1322 or permission of the instructor. May be repeated for credit. Fee. (Various)

3324 Selected Topics in Performance

This course is a continuation of the study of the art and technique of acting, with the major focus on the various genres and styles, i.e. Realism, Restoration, Greek, or Postmodern. The course expands on the student's knowledge of concentration, observation, setting objectives, planning tactics, and overcoming obstacles. May be repeated for credit. Prerequisite: THAR 1322 or permission of the instructor. Fee. (Various.)

X. DESCRIPTION OF COURSES

3326 Advanced Acting

This course is designed for Theatre Arts majors as a continuation of the study of the art and technique of acting, with a major focus on advanced scene study. Prerequisites: THAR 1322 and completion of 65 semester credit hours or permission of the instructor. Fee. (Various)

3341 Costume Design

This course is a study and application of the costume design process from research methods to painted sketches. Prerequisites: THAR 1380 and THAR 2361, or instructor's permission. Fee. (Various)

3344 Costume Construction

This course is a study and application of sewing techniques, flat patterning, and draping skills for the stage. Fee. (Various)

3362 Scene Design

This course examines the coordination of the visual scenic elements that comprise a theatrical production, and an introduction to theatre graphics. It includes laboratory experiences in Scenic Design. Prerequisite: THAR 1380 and 2361, or permission of the instructor. Fee. Cross-listed with ARTS 3312 (Various)

3363 Light Design

This course explores how form is revealed by light. The student will learn how the controllable aspects of light can change our perception of form, as well as affect mood and sense of time and place. Research in this course will be directed toward this end and will involve attending theatrical productions, studying the works of artists and photographers, and watching the sky. Prerequisites: THAR 2360 and THAR 2361, or permission of instructor. Fee. (Various)

3381 The Development of Drama and Theatre I

This course is a study of the development of Western theatre from ancient times through the 18th century. It includes the reading of representative plays. This is the writing intensive course for the major. (Odd numbered year, Spring)

3382 The Development of Drama and Theatre II

This course studies the development of Western theatre since 1800 and includes the reading of representative plays. (Fall, odd-numbered years)

4196 Advanced Theatre Practicum

This course provides students with a laboratory experience in stage management, directing, and the design, construction, and handling of scenery, lighting, sound, properties, costumes, publicity, and box office. Fee. Prerequisites: THAR 3195 and permission of the instructor required (Fall, Spring)

X. DESCRIPTION OF COURSES

4301 Creativity in the Arts

This course presents an overview of the theoretical and practical aspects of creativity applied to the integration of the arts (i.e. music, dance, visual art, theatre, and literature) in the elementary school classroom in order to develop children's imagination and expressive capacity. Fee. Prerequisites: completion of at least 75 semester hours, or permission of the instructor. (Various)

4303 Creative Dramatics

This course is an exploration of process oriented, non-exhibitional theatre activities theatre games with emphasis on movement, pantomime, improvisation, and story dramatization to enhance the creative development of the individual. Fee. Prerequisites: completion of at least 75 semester hours, or permission of the instructor. (Various)

4331 Fundamentals of Directing

This course is an introduction to the role of the Director in the production of plays for the stage, structural and critical thinking, casting, and rehearsing a play, and includes preparation of scenes for laboratory presentation. Prerequisites: THAR 1322 and 2361, or permission of the instructor (Spring)

4333 Senior Studio

This course serves as a capstone experience for Theatre Arts majors. The course provides an opportunity for students to integrate previous knowledge as well as to pursue their individual theatre-related goals. Prerequisites: THAR 4331, and completion of 90 semester credit hours, or permission of the instructor. Fee. (Fall)

4333H Honors Senior Studio

This course serves as a capstone experience for Theatre Arts majors. The course provides an opportunity for students to integrate previous knowledge as well as to pursue their individual theatre-related goals. This course includes the capstone honors project/paper. Prerequisites: THAR 4331 and completion of 90 semester credit hours, or permission of the instructor. This course is restricted to students in the UIW Honors Program. Fee. (Fall)

4342 Costume History

This course is a chronological study of western dress and its relationship to society and culture from ancient Egyptian to contemporary times. It includes a study of movement for the actor in period dress. (Various)

4370 Internship in Theatre Arts

(Various)

4383 Dramatic Theory and Criticism

What is Theory and why is it important? How is theory useful to theatre and performance scholars? This course will study major trends in dramatic theory and criticism from the Greeks to contemporary critical theory across

X. DESCRIPTION OF COURSES

the disciplines. The course will provide a foundation in general areas of theory. Prerequisites: completion of at least 65 semester hours, or permission of the instructor. (Various)

4385 Shakespeare

May be cross-listed with ENGL 4340 Major Authors when Shakespeare is the author.

4387 American Theatre

American Theatre is a survey of indigenous theatre and its place in the development of our diverse national heritage. Prerequisites: completion of at least 75 semester hours, or permission of the instructor. (Spring, various)

4393 Reading and Research in Theatre Arts

This course involves intensive research and writing in a selected area conducted under the supervision of the faculty. Departmental approval required. (Various)

4399 Special Topics

This course may be repeatable for credit using a variety of topics such as playwriting, dramaturgy, and stage management. (Various)

VISION SCIENCE (VISC)

1112 Introduction to Vision Science and Optometry

This course will provide an overview of the field of vision science and the profession of optometry. A historical development of lenses, optics, visual processing and applied vision science will be discussed. An introduction to the profession of health & eye care practice, including modes of practice, and ophthalmic career potential will be included. Historical, current, and future trends in the fields of vision science and optometry will be emphasized. Health care delivery modes (history of health insurance, Medicare, etc.) will be included as they pertain to vision science and eye care. Organizations that represent optometry will be discussed, as well as expected professional and ethical behavior.

3211 Applied Vision Science

This course introduces students to the terminology and principles of vision science, areas of applied vision science and research, visual conditions such as myopia, hyperopia, astigmatism, and presbyopia; age-related changes and the impact of systemic diseases on the visual system as well as the use of optical devices to correct ametropic conditions. Moreover, elements of ocular health assessment procedures that comprise a comprehensive eye exam, basics of vision screenings, as well as applied procedures used as supplementary testing will be presented. Pre-requisites for this course are PHYS 2305/2105 and PHYS 2306/2106.

X. DESCRIPTION OF COURSES

3212 Neuroscience of the Visual System

This course will cover in the neuroanatomy, neurophysiology, functional neuroscience and basic pathophysiology of the visual system. Areas of emphasis will include anatomy and histology of the retina, optic nerve and tract, primary visual cortex, receptive fields, visual resolution, binocularity, conjugate eye movements, color vision and stereopsis. Lastly, the course will present the changes in neuronal aspects of the visual system that lead to abnormality and loss of visual function. Enrollment in this course is by permission of the instructor. Fee.

3291 Clinical Internship I

This course is the first installment course in a 3-course series. The course is designed to introduce the undergraduate vision science student to the roles, behaviors, functions and daily activities of the professional optometrist. Working in small groups with professional optometry students and under the supervision of a professional staff/faculty member, the students will learn and be involved in the art and science of history taking, pre-examination workups, assessment of symptoms, generation of differential diagnosis, activities in the optical dispensary, aspects of vision therapy, diagnosis and treatment of learning-related vision disorders and school vision screening activities. The students will be required to learn the characteristics of basic vision disorders and ocular diseases and the operations and benefits of new diagnostic technologies. The students will have the opportunity to attend the weekly clinical/research seminars and grand rounds with the professional optometry students. This internship program will also provide an opportunity for the undergraduate intern to interact with the optometry faculty and professional students in a clinical, patient-based environment. Interns will learn how to exhibit appropriate professional conduct, observe competence in patient care and commitment to lifelong learning, as well as to develop an understanding of professionalism and ethics in healthcare. Prerequisite for this course is VISC 1112; Co-requisite is VISC 3211

3292 Integrated Ocular Science

This course will cover the macroscopic and microscopic anatomy of ocular structures, orbit, adnexae and the intracranial visual pathway. Basic ocular physiological, immunological and biochemical processes such as a tear film, blink mechanism, vascular autoregulation, choroidal function, and photoreceptor phototransduction will be emphasized. Relationships of ocular physiology to pharmacology and pathology, and interactions between separate ocular systems. Pre-requisites for this course: CHEM 4351 and VISC 3211. Fee.

4311 Visual Optics

This course provides an introduction to purkinje images, visual axes, refracting surfaces, thin and thick lenses, mirrors, and optical aberrations. Spherical ametropia and its correction. The use of catadioptric images to determine the various axes, angles, and landmarks of the eye. Characteristics of the Gullstrand and Emsley Schematic eyes will be presented. Spherocylindrical lenses and their clinical application to the

X. DESCRIPTION OF COURSES

specification and correction of astigmatism. Induced prism and Prentice's rule. Magnification and retinal image. Pre-requisites for this course: VISC 3211 and VISC 3292. Fee.

4322 Overview of Immunology and Eye Disease

This course will provide an overview of the human immune system, immunopathology of disease, detection and basic management of immune disorders and immune-driven ocular disease. Emphasis will be placed on humoral and cellular immune response and their clinical correlates, pathogenesis of auto-immune diseases, inflammation and repair, types of hypersensitivity, tumor immunology and ocular immunopathology. Pre-requisites for this course: CHEM 4351 and VISC 3292. Fee.

4291 Clinical Internship II

This course is the second installment course in a 3-course series. The course is designed to reinforce concepts learned in Clinical Internship I. It will also introduce the undergraduate vision science student to some more advanced roles, behaviors, functions and daily activities of the professional optometrist. Working in small groups with professional optometry students and under the supervision of a professional staff/faculty member, the students will learn and be involved in the art and science of history taking, pre-examination workups, assessment of symptoms, generation of differential diagnosis, activities in the optical dispensary, aspects of vision therapy, diagnosis and treatment of learning-related vision disorders and school vision screening activities. The students will be required to learn the characteristics of basic vision disorders and ocular diseases and the operations and benefits of new diagnostic technologies. The students will have the opportunity to attend the weekly clinical/research seminars and grand rounds with the professional optometry students. This internship program will also provide an opportunity for the undergraduate intern to interact with the optometry faculty and professional students in a clinical, patient-based environment. Interns will learn how to exhibit appropriate professional conduct, observe competence in patient care and commitment to lifelong learning, as well as to develop an understanding of professionalism and ethics in healthcare.

4211 Visual Pharmacological Sciences

Basic principles of pharmacology including oral and topical drug absorption, distribution, metabolism, excretion, and dosage as they relate to the visual system. Anti-infective, anti-allergic, anti-glaucomatous, anti-inflammatory, dry eye, anesthetic and chemotherapeutic agents will be covered. Drug delivery systems will also be presented. Pre-requisites for this course: CHEM 4351, BIOL 3471, VISC 3211, VISC 3292, VISC 3212. Fee.

4392 Clinical Internship III

This course is the final installment in a 3-course series. The course is designed to reinforce concepts learned in Clinical Internship I and Clinical Internship II. It will also introduce the undergraduate vision science student to some more advanced roles, behaviors, functions and the daily activities

X. DESCRIPTION OF COURSES

of the professional optometrist. Working in small groups with professional optometry students and under the supervision of a professional staff/faculty member, the students will learn and be involved in the art and science of history taking, pre-examination workups, assessment of symptoms, generation of differential diagnosis, aspects of vision therapy, diagnosis and treatment of learning-related vision disorders and school vision screening activities. Clinical Internship III will concentrate on developing basic retinoscopy and refraction techniques as well introduce vision therapy techniques and low vision devices. The students will be required to learn the characteristics of basic vision disorders and ocular diseases and the operations and benefits of new diagnostic technologies. The students will have the opportunity to attend the weekly clinical/research seminars and grand rounds with the professional optometry students. This internship program will also provide an opportunity for the undergraduate intern to interact with the optometry faculty and professional students in a clinical, patient-based environment. Students will learn how to exhibit appropriate professional conduct, observe competence in patient care and commitment to lifelong learning, as well as to develop an understanding of professionalism and ethics in healthcare.

4212 Public Health and Epidemiology

This course will cover public health and epidemiology, especially as they relate to vision science & clinical eye care. Issues discussed include research study design, screening and testing measures, health care delivery and administration, vulnerable populations and public policy. Provision of eye care in out-of-office settings such as nursing homes, screenings, missions and disaster relief will be presented. Psycho-social and economic factors associated with eye care in the aging population. Pre-requisites for this course: MATH 2303, VISC 3211, and VISC 3292. Fee.

4312 Ophthalmic Lenses and Optical Design

This course will emphasize the optical and physical properties of ophthalmic materials, including single, bifocal, multifocal, and aspheric lens design, and scientific factors that influence the development of spectacles and contact lenses. Students will become familiar with performance characteristics of ophthalmic materials, including magnification, aberration, and absorptive lens properties. Study of tools and instruments used to determine parameters of lens design will be covered. Safety lenses, ophthalmic dispensing, dispensing tolerances and ophthalmic frames will be presented. Pre-requisites for this course: PHYS 2305/2105, PHYS 2306/2106, VISC 3211, VISC 3292, and VISC 4311. Fee.

4242 Ocular Nutrition

This course will provide an overview of the ocular consequences of adequate and inadequate nutrition, with attention to chronic ocular disorders such as: cataract, dry eye syndrome, and macular degeneration. Emphasis will be placed on the role of proper nutrition and antioxidant use, in alleviating oxidative stress and maintaining ocular health. Specific antioxidants will be addressed including ascorbate, tocopherol, and

X. DESCRIPTION OF COURSES

carotenoids, in light of current scientific literature and landmark clinical trials. This course will also help to better define the relationship between ocular and systemic health. Pre-requisites for this course: NUTR 2341 and CHEM 4351. Fee.

X. Extended Academic Programs *Description of Courses*

Course Numbers

Courses in this section are specific to the programs offered through the Extended Academic Programs (EAP) Division. Courses that are shared by both the Extended Division and the main campus programs are listed within the discipline sections of this catalog.

Courses are designated by numbers that indicate their rank. Those numbered from 1000 to 1999 inclusive are of freshman rank; courses from 2000 to 2999 inclusive are of sophomore rank but may also be taken by freshmen that present the equivalent of the prerequisite at entrance; courses numbered from 3000 to 4999 are of junior and senior rank. The first digit of the course number indicates the class level of the course. The second digit indicates the semester hour value of the course. Prerequisites refer to current course numbering. For the prior course number, please see an advisor. Special Topics and Selected Topics courses (usually numbered 4371 and 4399) may be offered in any discipline and are repeatable when and as the topics change. Independent Study courses numbered 4X98 with the X meaning a specific credit hour value. These courses are available in all disciplines subject to eligibility requirements stated in Section VI of this Bulletin.

NOTE: Some courses may have separate fees assessed at registration. Please refer to the EAP advisors for further information.

ACCOUNTING (ACCT)

[Program Description, page 280]

3311 Intermediate Accounting I

This course is a comprehensive study of current practices in business communications designed with a goal of teaching the principles of business communications to accounting majors who desire to become CPAs. topics include: communicating at work; communication, culture, and work; verbal and nonverbal messages; listening; interpersonal skills; interviewing; types of interviews; working in teams; effective meetings; developing the presentation; organizing your ideas; verbal and visual support in presentations; and delivering the presentation.

3311 Intermediate Accounting I

Principles underlying financial statements and accounting theory. Prerequisite: ACCT 2312. (Fall)

3314 Intermediate Accounting III

Continuation of Intermediate Accounting II, Intermediate Accounting III addresses accounting for income taxes, pensions, post-retirement benefits, share holders' equity, share-based compensation and earnings per share,

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

accounting changes and error correction, and statement of cash flows.
Prerequisites: ACCT 3311 and 3312

4325 Tax Research

This course is an advanced tax course that deals with the concepts and application of federal income tax research. The course emphasizes tax research from the point of view of a tax practitioner. This course emphasizes problem solving, creativity and independent thinking. This course is an in-depth study how to effectively research and answer tax issues as an accountant. This course is geared to teach students how to utilize various tax services, IRS publications and case reports. Prerequisite: ACCT 3315

BUSINESS: FINANCE (BFIN)

[Program Description, page 280]

3315 Financial Modeling

This course studies the process of using electronic spreadsheets to analyze and evaluate business decision alternatives. The focus will center on the use of spreadsheets to develop financial models to solve business problems such as capital budgeting, pro forma financial analysis, time value of money and investment analysis.

4340 Financial Modeling

This course is designed to develop knowledge and skills for security of information and information systems within a business environment. It includes concepts and methods associated with people, software, hardware, methodologies and protocols. The course presents techniques for assessing risk associated in breaches of security. It covers different ethical uses of information and some legal considerations.

BUSINESS: INFORMATION SYSTEMS (BINF)

[Program Description, page 280]

2330 Programming Languages I

Learn programming design and development emphasizing structured programming techniques. Typical language is Visual C++. Learn to plan and create simple, useful program codes behind graphical user interfaces (windows) for use as standalone programs or applications macros. Learning programming reveals the type of coding behind all software and teaches logic and attention to detail.

3330 Programming Languages II

Continuation of BINF 2330, with an emphasis on object-oriented programming methodologies and advanced language features: Fee. Prerequisite: BINF 2330 or equivalent (Spring)

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

3362 Systems Analysis and Specification

This course will teach students to accomplish preliminary investigation, feasibility assessment, systems analysis and specification of business requirements for databases and information systems. Prerequisites: BINF 2321 (Fall)

3363 Design and Implementation of Databases and Systems

A continuation of topics introduced in BINF 3362. Students will have supervised experience in designing, developing, testing, documenting and implementing business databases and information systems. Prerequisite: BINF 3362. (Spring)

4363 Electronic Business Strategy, Architecture and Design

This course provides an introduction to electronic business strategy and the development and architecture of electronic business solutions and their components. Prerequisites: BINF 2321 and BINF 3340.

4375 Information Security

This course is designed to develop knowledge and skills for security of information and information systems within a business environment. It includes concepts and methods associated with people, software, hardware, methodologies and protocols. The course presents techniques for assessing risk associated in breaches of security. It covers different ethical uses of information and some legal considerations. Prerequisite: BINF 3367.

BUSINESS: INTERNATIONAL BUSINESS (BINT)

[Program Description, page 186]

3320 Cross Cultural Competence

This course focuses on providing students effective cross-cultural management skills and knowledge in order to address the challenges that may be encountered while working in an international organization. The course will focus on three key topics: (1) understanding diverse cultures in the workplace, (2) international management and human resource issues, and (3) establishing a foundation for effective interaction with internal and external stakeholders in international organizations. Prerequisite: BINT 3331

BUSINESS: MANAGEMENT (BMGT)

[Program Description, page 280]

3343 eBusiness Model Development

A comprehensive introduction to the concepts of e-Business Model Development is presented. The concepts of e-Business models will be presented that are required to achieve the e-Business goals and targets. Additional discussion for the development, management and maintenance of a successful e-business is reviewed. Prerequisite: BMGT 3340

3345 Leadership in Nonprofit Organizations

An introduction to the concepts of nonprofit leadership for the volunteer, staff, and member of the Board of Directors is presented. Further discussion and exploration of issues in managing and evaluating nonprofit organizations to include public and private, educational, and faith-based organizations is reviewed.

3347 Project Management Methodologies

An introduction to the concepts of project management methodologies for use in corporate, non-profit, and government entities is presented. A focus on the strengths/weaknesses between methodologies, and when they are used to effectively execute a project, are discussed and simulated. Prerequisite: BMGT 3340

3353 eBusiness Technology Applications

A comprehensive study in e-Business Technology Applications that are associated with the advances related to e-Business models taxonomies. The topics of this course will provide the fundamentals strategies of technical applications as it is available for the reactive e-Business enterprise.

Prerequisite: BMGT 3340

3356 The Process of Innovation

An introduction to the concepts and process of innovation is presented. Further discussion and exploration of issues in managing and evaluating organizations to create, develop and commercialize innovative ideas, products, and services is reviewed. Prerequisite: BMGT 3340 and BMGT 3354

3357 Project Planning

An introduction to the concepts of project planning for use in corporate, non-profit, and government entities is presented. The class will focus on the scheduling, resourcing, and approval processes. Prerequisite: BMGT 3347

3356 The Process of Innovation

An introduction to the concepts and process of leadership in the innovative organization is presented. Further discussion and exploration of current issues in leadership are analyzed. Reviews of innovative organizations in multiple segments of the economy are presented. Prerequisites: BMGT 3340, BMGT 3354, and BMGT 3356

4343 eBusiness Strategies

A comprehensive overview to the concepts of e-Business Strategies is presented. The concept of e-Business Strategy is a strategic managerial approach that is required to achieve the main scope, goals and targets of the e-Business domain. Additional in-depth discussion for the planning and implementation of key strategies for the successful e-business is reviewed. Prerequisite: BMGT 3353

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

4347 Total Quality and Lean Management

Fundamental course topics include an exploration of the different types of Quality Methodologies. The course includes a review of concepts, tools, and best practices for each project methodology. These methodologies have been used in corporate, non-profit, and government entities. A focus of what methodology is used for particular types of processes and goals will be reviewed. Prerequisite: BMGT 3347

4350 Funding Capitalization

Students will acquire a basic understanding of the financial sources available to fund the capital structure of a variety of business structures. The course focuses on the core concepts, theories and problems firms face when raising capital. Such topics as capital structure, cost of capital, financial valuation, funding strategies and the funding process will be studied.

4357 Project Leadership

There will be an exploration of the concepts, tools, models, or methodologies used by successful project leaders. These methodologies have been used in corporate, non-profit, and government entities. A focus on why particular item(s) were successful in that particular context are discussed and researched. Prerequisite: BMGT 3347 and BMGT 4340

4367 Innovation Lab

A personal experience of the real-world concepts, processes and management of the innovative organization is presented. Further discussion, exploration, and execution of leading organizations in multiple segments of the economy are experienced. A hands-on approach is facilitated with students working with and for an innovative organization exploring needs for processes, products, and services. Prerequisite: BMGT 3367

BUSINESS: MARKETING (BMKT)

[Program Description, page 280]

3320 Public Relations

This course covers all forms of writing for public relations including press releases, public service announcements, features, magazine queries, securing television and radio interviews, coverage memos, media alerts, trade press releases, background stories, and public relations presentations. Students will have exposure to all writing required for a career in public relations.

3335 Sales Management

Strategic planning, execution, and evaluation of the sales function within an organization. Emphasis is on territory design, performance, and evaluation. Compensation and sales force training are also analyzed. Prerequisite: BMKT 3331. (Fall)

3344 Service and Retail Marketing

Analyze marketing concepts and strategies as they relate to the service organization and retail industry. Review growth characteristics of the service economy along with the problems and opportunities posed by those characteristics. Assess the development of effective marketing strategies to critically analyze the retailing processing environment in which it operates and all the different institutions and functions that are essential in retail management. Familiarize students with the decision making processes in running a retail business.

3353 Social Media

This course is an overview of the use of current social media concepts in the professional environment and the effective business impact. It includes the practical application of social media sites as a component of a business plan including marketing, advertising, and public relations. Course work includes development and implementation of a social media policy and implementation of a social media plan.

3355 Internet Marketing

This course examines the role that the Internet plays as an indispensable business tool in marketing, including identifying relevant emerging business models and strategies and the integration of the Internet with traditional marketing tools. Prerequisite: BMKT 3331.

3356 Healthcare Marketing

Healthcare marketing is primarily focused on medical facilities vying for more patients and physical-to-hospital awareness. Concepts within course include assessment of community needs and resource planning in both ambulatory and clinical settings. Topics include health services trends, demand for and use of health services, research methods and sources of marketing data.

4356 Healthcare Market Research

A study of qualitative and quantitative research procedures and techniques utilized in marketing research projects that focus on the healthcare industry. Practical application of procedures and techniques are emphasized through class research projects in problem definition, questionnaire design and sampling techniques.

4365 Web Analytics

The analysis of web metrics, coupled with best practices in online and offline marketing, leads to well-designed websites that facilitate the customer's experience. The student will be introduced to the basics of web analytics such as tracking referral sources, improving web design and content, and identifying visitor preferences.

CRIMINAL JUSTICE (CRIJ)

[Program Description, page 287]

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

1301 Introduction to Criminal Justice

This course is an introduction to all of the parts that make up our criminal justice system. Students will study law enforcement, our judicial system, the criminal justice process, the law, criminal justice agencies and current issues.

1306 Court Systems and Practices

The course is an examination of the role of the courts in our criminal justice system. Study will focus on the history of the judiciary, the processes of the modern judicial systems, and a basic understanding of the structure of our court system.

1308 Criminalistics

This course is an introduction to crime scene investigation. Students will learn the basic theories of criminalistics and how the application of the theory relates to criminal investigation.

1325 Criminology

This course is a survey of why people, both adults and juveniles, commit crimes. Patterns in behavior as well as types of crimes will be examined in this course. Prerequisite: CRIJ 1301

2310 Criminal Law and Procedure

This course is an overview of criminal law in the US. Students will study the principles of our legal system including liability, crimes against property, people, and society. Prerequisites: CRIJ 1301 and 1325.

2313 Corrections

This course is an introduction to modern corrections. The course will look at the corrections practices currently in place, the role of corrections in our society, as well as how correction agencies function. Prerequisites: CRIJ 1301 and 1325.

2328 Law Enforcement

This course is an introduction to the role police play in our criminal justice system. It includes a historical survey of policing, the role of the modern police officer, as well as current issues in policing. Prerequisites: CRIJ 1301 and 1325.

2333 Juvenile Justice

This course examines the issues concerning minors in the criminal justice system. The legal ramifications for courts, corrections, probation, police and reasons for criminal acts will be explored. Prerequisites: CRIJ 1301 and 1325.

3310 Juvenile Delinquency

This course is an overview of the nature, causes, and treatment of crime and juvenile delinquency. Students will study the theory as well as

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

programs that help to control the crime associated with juvenile delinquency. Prerequisites: CRIJ 1301 and 1325

3320 Probation and Parole

This course is an introduction to community based corrections, which is focused on probation and parole issues. Students will study historical probation and parole, discuss issues, and examine systems. Prerequisites: CRIJ 1301 and 1325

3330 Race, Gender, Ethnicity and the Law

This course explores the criminal justice systems and deals with differences in race, class, gender, and ethnicity. Students will learn about victimization, as well as crime, apprehension, prosecution and punishment as it relates to these differences. Prerequisites: CRIJ 1301 and 1325.

3335 Civil Liability

This course will expose students to civil liability issues at the local, state, and federal law levels. Students will develop better awareness of the liability risks relative to criminal justice service. They will learn proactive protocols that may minimize personal and organizational liability risks.. Prerequisites: CRIJ 1301 and 1325.

3340 Victimology

This course examines the issues concerning minors in the criminal justice system. The legal ramifications for courts, corrections, probation, police and reasons for criminal acts will be explored. Prerequisites: CRIJ 1301 and 1325.

3350 Correctional Administration

This course is an overview of the leadership system in the contemporary correctional system. Students will study management, organizational development, human resources, as well as communication in a corrections organization. Prerequisites: CRIJ 1301 and 1325

3360 Criminal Justice Administration

This course examines the organizational structure of criminal justice organizations. Students will learn the fundamentals of management and organization structure of a variety of different types of criminal justice agencies. Students will learn what makes the organizational structure of criminal justice agencies unique from other private and/or public agencies. Prerequisites: CRIJ 1301 and 1325.

3370 Criminal Justice Research Methods

This course will introduce the student to research used in criminology and criminal justice. It will explore the nature of scientific inquiry, issues in research methods, and statistical concepts and allow for a critical examination to assess the design, results, and conclusions of quality research in criminal justice. Prerequisites: CRIJ 1301,1325, 2310, 2313, 2328, 2333. and 3360

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

3380 Criminal Investigation

This course is designed to familiarize the student with crimes against person and property and the investigation procedures used for successful prosecution: computer and technology, collections of evidence, report writing, interviews, techniques, and law and court testimony. Prerequisites: CRIJ 1301 and 1325.

3390 Terrorism and Homeland Security

This course will explore the historical and philosophical foundations of terrorism and defined through typologies and motivations associated with such criminal acts and behaviors. It will review acts of terrorism and discuss how law enforcement and security processes have responded through law and criminal interdiction. Prerequisites: CRIJ 1301 and 1325.

4300 Corporate Crime and Deviance

This course will provide an examination and analysis of the phenomena of organized and white collar crimes and efforts to control it. Attention will be paid to criminal organizations, including but not limited to government agencies, corporations, and corrupt individuals. Prerequisites: CRIJ 1301 and 1325

4305 Cyber Crimes

This course introduces the fundamental principles of computer crime and investigations. Topics include crime scene/incident processing, information gathering techniques, data retrieval, collections and preservation of evidence, preparation of reports and court presentations. Prerequisites: CRIJ 1301 and 1325.

4320 Sex Crimes

This course examines the range of crimes from exhibitionism to the most serious sexual crimes. Students will study the causes, impact and treatment possibilities for perpetrators. Prerequisites: CRIJ 1301 and 1325.

4330 Drugs and Crime

This course will examine drug use and the ramifications for the US and the world population. Students will study a variety of topics including the history of drug use and crime, patterns of drug use, and preventative measures. Prerequisites: CRIJ 1301 and 1325

4340 Women in Criminal Justice

This course provides an overview of issues surrounding women and crime: as offenders, victims, and criminal justice system professionals. Students will analyze changing social views of women and women's roles, and the impact of feminism and affirmative action policies. Topics will include theories on female crime; the implications of social class and race in female offending; the ways in which women are processed through the criminal justice system; patterns of female victimization; and the roles of women in law enforcement and corrections. Prerequisites: CRIJ 1301 and 1325

4350 Issues in Contemporary Corrections

This course studies issues in contemporary corrections. Students will study a variety of issues to include management in a correctional institution, deal with special populations, living with and managing HIV and AIDS and issues with women and juveniles. Prerequisites: CRIJ 1301 and 1325

4380 Criminal Justice Capstone

The capstone course allows students to demonstrate their knowledge across the discipline of criminal justice. Students will demonstrate their knowledge integrating theory, concepts and decision making in a culminating project. Prerequisites: CRIJ 1301 and 1325.

4390 Concepts in Self-Defense

This course will familiarize the student with theories and concepts in fear management, predator-prey dynamics, performance enhancement psychology, and conflict management strategies that enhance survivability in both personal and professional domains. Prerequisites: CRIJ 1301, 1325, 2310, 2313, 2328, 2333, 3360, 3370, and 4380

4395 Internship in Criminal Justice

This experience involves a minimum of 100 contact hours in a position that affords the student an opportunity to learn practical applications in the criminal justice field. It consists of one term of supervised service in a criminal justice agency. Prerequisites: CRIJ 1301, 1325, 2310, 2313, 2328, 2333, 3360, 3370, and 4380

EDUCATION (EDUC)

[Program Description, page 297]

2311 Adult Learning Theory and Practice

This course is designed to expand students' understanding of adult learning theories and how they are practiced in the college classroom environment. Each student in this course is presumed to have experience as an adult learner and/or experience as an adult educator. Building the conceptual foundations of practicing adult educators and making connections to one's experience as a learner is central to the learning outcomes of the course. Also, various cultural perspectives on adult learning theory and practice emphasizing reflection and discussion among course participants will be the principle throughout class meetings.

2320 Introduction to Instructional Design

This course provides an introduction to the process of Instructional Design. It provides a broad overview of the process used to design, develop, implement, and evaluate effective instruction. Students will have hands-on experience to help them in the instructional design process.

3301 Instructional Strategies for Adult Learners

This course examines instructional strategies that are consistent with theories of pedagogy and adult learning, including activities and materials

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

appropriate for learners with diverse needs, skills, and abilities. This course emphasizes the development and implementation of instruction that facilitates adult learning and examines the role of instructor, as well as maintaining an effective education climate.

3302 Assessment Strategies for Adult Learners

This course examines techniques for evaluating student progress and instructional effectiveness. Focus is on formative and summative evaluations, with emphasis on identifying instructional objectives and using the results to modify content, pace, format, and style of delivery. This course provides strategies for incorporating assessment data into instructional planning.

3303 Integrating Technology into Teaching and Learning

Students will examine and explore technology integration strategies within college classroom environments. Content will include an examination of technology integration techniques using various application tools, instructional software, productivity software, and the Internet. Students will also identify relative advantages for choosing technology integration strategies and resources to draw upon in developing students' own technology integration activities.

HEALTH SCIENCES (HSCI)

[Program Description, page 274 and page 288]

2310 Health Sciences I

This course is a survey of math and chemistry concepts as related to the health sciences. The first half of the course will emphasize basic mathematical definitions and concepts. The second half of the course will emphasize chemistry topics related to the health sciences to include the basics of inorganic, organic, and selected biochemical concepts. Prerequisites: BIOL 1401

2315 Medical Coding

This course provides entry-level training in medical coding. Students will develop and understanding of Current Procedural Terminology 4 (CPT-4), International Classification of Diseases (ICD-9-CM) Volumes I and II, HCFA Common Procedure Coding System (HCPCS), as they are used in medical claims processing and record management.

2317 Medical Insurance Practice

This course teaches procedures for completing insurance claims and various financial methods used in medical offices for insurance billing, collecting, and records processing.

2320 Health Sciences II

This course is a survey of the fundamentals of anatomy and physiology for the health sciences. The topics include: the language of medicine, organization of the body, cellular foundations, and tissues and membranes.

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

The body systems include: skeletal, muscular, integumentary, cardiovascular, lymphatic and immune, respiratory, nervous, sensory, endocrine, gastrointestinal, urinary, and reproductive. Prerequisites: HSCI 2310

2325 Medical Style and Grammar

Students will learn to apply rules of proper grammar, punctuation, and medical style, along with correct spelling and logical sentence structure based on the AHDI Book of Style for Medical Transcription. Word expander/macro development, as well as MS Word for the medical transcriptionist training, is included.

2327 Introduction to the Electronic Health Record

This course will provide students with an overview of all the information entered into and extrapolated from an electronic health record (EHR). Students will examine specific sections of the EHR in relation to health information management. Topics included in this course are information storage and imaging, organizing data exchanges through web databases, and real-time data collection.

2330 HIPAA Compliance and Certification

This course provides an easy-to-understand overview of the Health Information Portability and Accountability Act (HIPAA) privacy and security rules and compliance tasks. The student will be able to summarize the analysis, training, and technology needed to properly plan and implement privacy and security policies. Some of the topics discussed in this course are information on what HIPAA is, what is required, what the student can do to work toward compliance, and how the student can maintain compliance on an ongoing basis.

2335 Medical Transcription Technology

This course is designed to build computer skills and transcription equipment proficiency. Emphasis is placed on beginning and advanced computer technology, application of dictation/transcription platforms, ergonomics, confidentiality and security-related computer software applications, electronic referencing/research, file transfers and advanced MT-related technology training. Students will be taught the trends and developments in medical transcription technology and given instruction on how to apply those techniques.

2340 Information Technology and Systems

A foundation of electronic health record terminology and the information systems life cycle is explored. The important basis upon which successful HER implementation must rely – project management, strategic planning, and migrations from the current state are discussed. Skills in selecting, negotiating for, implementing and operating the electronic health record and its corresponding databases are developed. The use of data dictionary, data models, database management and design for electronic health records are introduced.

3305 Basic Cardiac Rhythm Interpretation

Basic Cardiac Rhythm Interpretation is designed to enable students to interpret basic cardiac rhythms in healthcare related settings. Heart anatomy, physiology, dysrhythmia interpretation and treatment will be presented

3310 Healthcare Organizations and Administration

This course provides students with the opportunity to learn leadership competencies and identify opportunities in public and private healthcare sector. The course is designed to introduce students to the medical personnel, institutions, and health care delivery systems that they will inevitably encounter while practicing in a variety of types of actions, including medical malpractice, personal injury, workers , products liability, and age and disability discrimination. The course provides an introduction to the competing needs of the providers and the payers and how these two systems interact with one another. The student will be engaged in discussions of various common practice structures (including fee for service, RBRVS, Capitation, HMOs, PPOs and Medicare/Medicaid), and a summary of antitrust constraints on medical providers. This course also includes a policy-oriented discussion of the future of health care delivery and financing.

3315 Introduction to Administrative Medical Assisting

Topics include the history and development of the medical profession and its specialties; the role and function of the medical assistant and medical assisting organizations; principles of interpersonal relationships; professional attitudes; medical ethics and law; interactions with patients; and overview of basic functions carried out in a medical office, e.g., medical records, patient appointments, billing for services.

3317 Healthcare Communication

This course presents theory and research in health communication. Topics include interaction between parties and providers, communication in health care organizations, privacy and confidentiality, health care campaigns, and cultural meanings of health and illness. include the history and development of the medical profession and its specialties; the role and function of the medical assistant and medical assisting organizations; principles of interpersonal relationships; professional attitudes; medical ethics and law; interactions with patients; and overview of basic functions carried out in a medical office, e.g., medical records, patient appointments, billing for services.

3320 Healthcare Data Management

Analysis of healthcare data management theories focusing on the role of the Health Information Manager will be covered in this course. Managing processes for health data structure and content for compliance w ith standards, regulations, and accreditation is covered. Developing strategies for changing from a paper-based to electronic record is practiced.

3321 Information Systems for the Health Sciences

This course is an overview of basic concepts in medical and health care informatics. These core concepts include an introduction to the foundational theory and practical application of clinical decision making; computerized decision support; health care systems and their organization; the special issues of administration, security, and operations of imaging informatics; tele-health technology; public health informatics; standards, terminologies, and the uniqueness of biomedical data; and a special focus on emerging technologies. This course includes an introduction to fundamental concepts in bioinformatics and introduces students to the data that is being managed, databases where this data resides, knowledge bases which are used to associate concepts with each other, and tools of analysis of this data.

3323 Pathophysiology

This course is an introduction to the basic concepts of pathophysiology. Students examine the phenomena that produce alterations in human physiologic function and the resulting human response. Upon completion of the course, students will understand pathophysiological changes, including how pathological processes are manifested, progress in the body, and primary and secondary effects.

3325 Principles of Health Education

The purpose of this course is to examine the philosophical, ethical and theoretical foundations of the professional practice of health education in school, community, work site and hospital settings, as well as in health promotion consultant activities. Students will be expected to develop their own philosophical, ethical and theoretical approaches to the field after becoming familiar with the literature related to the discipline.

3330 Legal Issues in Healthcare

This course provides the student with an understanding of law, regulation, and court decisions that affect healthcare organizations as well as the ethical underpinnings and principles that healthcare organizations follow in the delivery of services. A review of contemporary key federal and state laws is provided, including regulatory; scope of practice for practitioners; privacy and confidentiality of patient information; patient protection including advanced directives, right to die, informed consent, malpractice, content of and access to patient records; organizational liability; apparent agency liability; fraud and abuse; safe harbor; conflict of interest legislation; anti-trust law; contract law governing relationships with employed physicians and other providers; risk management; and organizational governance issues. Key ethical principles underpinning healthcare organizations will be considered as will recent court decisions that impact healthcare organizations and management roles.

3340 Third Party Payment Systems

This course includes the history of healthcare systems in the United States. The emphasis is on insurance systems including quasi insurance systems like PPOs. Emphasis is placed on the history of various payment systems such as FFS, RBRVS, DRGs, and how each of these systems

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

impact traditional insurance systems, HMOs, PPOs, and POS systems. This course will also explore the differences between fully-funded insurance and self-funded insurance systems. Students will also learn about various public insurance systems including Medicare, Medicaid, and Tricare systems. Discussion on how health insurance systems impact the providers systems like hospitals and physicians by employing peer review, utilization management and other systems to influence behavior changes. Discussion will center on how a various insurance systems interact with various stakeholders including regulatory, employers, individuals and healthcare providers. We also will explore the current healthcare regulatory environment and the impact of the new healthcare reform program on various healthcare insurance organizations.

3350 Epidemiology and Public Health

This course offers an introduction to the principles, concepts, and methods of epidemiologic research. Emphasis is placed on understanding epidemiological information, the concept of risk, and the tools used to evaluate health problems and policies at a population level. Topics include the calculation, interpretation and application of measures of disease frequency, association and public health impact; epidemiologic study design and analysis (including the role of chance, bias and confounding); direct standardization of rates, statistical inference and principles of screening. This course also teaches students how to apply epidemiologic methods to critically analyze and interpret public health literature. This is an introduction to the broad concepts of public health practice including the mission, core functions, structure, policy role, program activities, and collaborative endeavors of public health agencies. Theoretical and practical perspectives are studied to illustrate contemporary strategies for health promotion and disease prevention at local, state, and national levels. The course addresses public health issues in the management of various ways a population acquires a disease including water quality, wastewater, municipal and hazardous waste, vector control and air quality.

3355 Healthcare Ethics and Law

This course is designed to explore the theories, models and principles that serve as guides for ethical behavior within the healthcare context. Ethics is an integral part of every aspect of health careers and this course is encouraged for any individual with a health career objective. The student will explore the complexities created by science and technological advances, the variety of health care settings, and the diversity of patients in their care, all while emphasizing the importance of principled behavior in personal and professional situations. Global issues such as health policy, economics, social, gender, transcultural and spiritual considerations will be addressed.

3365 Health Statistics, Biomedical Research, and Quality Management

This course defines the role of health information management professionals in the collection, analysis, and display of healthcare statistics and research. Students learn to define and compute vital statistics such as

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

mortality and morbidity statistics, as well as to calculate them using off-the-shelf software packages. Additional topics include statistical data in quality, utilization, and risk management. The course also addresses research design and research on human subjects.

4307 Organizational Resources

This course introduces the principles of managing people and other organizational resources. Students will learn how to plan, organize, lead, and evaluate human resources. Topics include: management and leadership, motivations, team building, communication, productivity, performance appraisal, recruitment, job development, training, performance improvement, and revenue cycles.

4310 Healthcare Policy

This course is an introduction to healthcare policy issues in the U.S. This course will explore the three branches of government and how each of the three shape healthcare policy. The student will also learn to, objectively, score legislation to determine whether it meets the goal of the legislation. We will explore the anticipated and unintended consequences of legislation and look at the political motivations of each party when a healthcare bill is introduced.

4320 Biostatistics and the Health Sciences

This course introduces students to research method techniques and common statistical applications of importance to healthcare managers. Emphasis is placed on the study of statistical techniques for problem-solving and decision-making including the theoretical and applied statistical and quantitative skills required to understand, conduct and evaluate managerial research. Students will learn to distinguish between types of research (quantitative and qualitative) with an emphasis on the use of quantitative analysis in healthcare organizations. Basic research methods are described, including surveys, observational studies, experimental and quasi-experimental design; and the use of primary and secondary data sets. Statistical techniques for analyzing and interpreting data will include descriptive statistics, hypothesis testing, probability, sampling, t-tests, ANOVA, chi-square analysis, correlation, and linear regression.

4330 Health Sciences Research Methods

This course provides an introduction to basic methods for undertaking research and program evaluation within health services organizations and systems. In addition to basic methods, the course also provides an overview and emphasis of survey design and evaluation. Students will review completed studies to assist in their understanding of survey methods. This course will aid the student in carrying out policy research, social science research, or program impact evaluation within health delivery systems.

4340 Capstone in Health Sciences

This capstone course is designed to allow students to demonstrate their competency in applying the knowledge they have gained from this degree

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

program. This course integrates the concepts, theories, and skills learned in their course work. Students will be introduced to the analytical process required to develop skills in the different areas of health sciences.

4355 Medicolegal Aspects of the Healthcare Record

Application of medicolegal concepts related to medical transcription, including understanding the purpose of the healthcare record and content and format of healthcare documents. Emphasis is placed on standards and regulations of healthcare documentation and ethics, to include HIPAA and the AHDI Code of Ethics, and the consequences of a breach of ethics. This course introduces the principles of managing people and other organizational resources. Students will learn how to plan, organize, lead, and evaluate human resources. Topics include: management and leadership, motivations, team building, communication, productivity, performance appraisal, recruitment, job development, training, performance improvement, and revenue cycles.

4360 Medical Transcription Practicum

The medical transcription practicum applies the skills learned in the medical transcription program to practical experiences. Students are required to complete a minimum of 120 hours transcribing authentic physician dictation in compliance with Association for Healthcare Documentation Integrity (AHDI) guidelines. Students are evaluated weekly during the practicum and progress is documented. Students who do not demonstrate entry-level employment skills are required to complete additional hours or repeat the course until the industry entry-level skills are attained.

HUMAN RESOURCES (HRES)

[Program Description, page 294]

3330 Human Resources and the Law

This course presents the laws that organizations must comply with in order to implement policies, procedures and fair employment practices when making decisions about people, at different stages of the employment cycle, including: hiring, assessing performance, promotions, compensation and termination. Prerequisites: BMGT 3340 and BMGT 3354.

3340 Organizational Development

This course presents the research, practice and ethics relevant to organizational development, including: consulting skills, tools and techniques for analyzing problems, developing, implementing and evaluating organizational development interventions, and ethical issues at each stage of the consulting process. Prerequisites: BMGT 3340 and BMGT 3354. Cross-listed with ORGD 3340.

3350 Staffing

This course presents the research and practice relevant to staffing an organization, including: sourcing, recruiting, pre-employment selection

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

testing, interviewing, legal issues and job placement. Prerequisites: HR 3330.

3360 Training & Development

This course presents the research and practice relevant to training and development in organizations, including: needs analysis, design, development, implementation and evaluation of training and development programs. Prerequisites: HR 3330.

3370 Compensation and Benefits

This course presents the research and practice relevant to compensation and benefits, including: reward strategies, pay models, designing pay levels and structures, job evaluation, legal issues, benefit options, and international pay systems. Prerequisites: HR 3330.

3380 Performance Management

This course presents the research and practice relevant to managing performance in the workplace, including: establishing and aligning goals and objectives, developing and setting performance standards, providing performance feedback, conducting performance appraisals, legal issues, and planning developmental opportunities. Prerequisites: HR 3330.

4350 Leadership in Organizations

This course presents the research and practice relevant to leadership in organizations, including: theories of leadership, leadership styles, leadership roles and activities, and skills necessary for effective leadership. Prerequisite: HRES 3340 and BMGT 4355. Cross-listed with ORGD 4350.

4380 Capstone in Human Resources

This is the final course for the BA in Human Resources. It is an integrative, problem-solving course in which the expertise gained in the major is applied to organizational situations through actual project work or case studies. Prerequisite: Completion of all other major requirement for the Bachelor of Arts in HR. ORGD 4380

NUTRITION (NUTR)

[Program Description, page 277]

2300 Introduction to Health Professions

This course is designed to give students an overview of health care professions and today's health care system. Opportunities are provided to explore professions through conducting interviews, participating in field experiences and presentations. Necessary personal, academic, professional, and workplace skills are addressed within context of each health care profession to inform career selection. Academic advisement and guidance for resume building and professional preparation and involvement are provided.

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

2310 Introduction to Nutrition Science

This course provides a foundational understanding of nutrition science concepts and applies nutrition and wellness principles to daily life and degenerative disease prevention. Cultural, social, and psychological influences upon eating are examined. Basic cellular functions, body systems, digestion and metabolism of nutrients are discussed. Current topics in nutrition are discussed and evaluated scientifically. Students are encouraged to further explore personal wellness and that of the environment that surrounds them.

2340 Food Culture and Disease in America

This cultural foods course, providing historical context and current information on the culture, traditional food choices, nutrition habits, healing beliefs and health of the most common regionally, ethnically and/or religiously diverse groups living in America, is designed to assist students in gaining cultural competency to better understand the diverse populations in health care settings.

2350 Nutrition for Health, Fitness and Sport

This course discusses the importance of nutrients for health, fitness and sport. Lifestyle factors and their role in activity are examined to the development of a nutrition and fitness plan. Scientific evidence is applied to discern credibility of current nutrition and fitness fads and issues.

3300 Life Cycle Nutrition for Health Care

This course focuses on nutritional needs supporting growth, development and health through each stage of the human life cycle. Physiological, socioeconomic, psychological and cultural factors affecting food choice and intake are examined. Nutrition and health concerns and conditions are addressed and nutrition interventions for risk reduction are provided.

3320 Public Health Nutrition

This course introduces program planning, policies, resources, and nutrition issues specific to community nutrition. Effective design and delivery of community programs and services that aim to impact and improve health and nutrition status in the community are discussed. Epidemiological findings, community needs, health care delivery systems, and the role of the health professional as related to promoting awareness and overall wellness are explored.

3360 Integrated Approach to Weight Management

This course focuses on nutrition and physical fitness principles of obtaining/maintaining a healthy body weight. Theories and assessment techniques, prevention and intervention strategies are addressed. The latest fads will be evaluated using the most recent research on genetic factors, body composition, weight-loss drugs, and dietary supplements.

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

4310 Nutrition Therapy and Pathophysiology

This course discusses organ systems and the pathophysiology of various disease states and the nutrition therapy implications for restoring health and/or managing disease. A body of scientific evidence serves as the foundation for evaluating current topics. Issues of assessment and ethics are discussed as they relate to professional standards of practice.

4320 Health and Nutrition Communication and Education Skills

Nutrition education, communication, interviewing, counseling and motivational principles will be introduced as they pertain to working with groups and/or individuals to obtain/maintain wellness or manage existing health conditions. Fundamental knowledge of nutritional science, clinical nutrition, fitness, and wellness is necessary. Experiential activities, such as presentations, interviews and counseling session, will provide exposure to assessing, planning, and evaluating effective dietary/lifestyle modification plans/strategies for working with diverse populations throughout the life cycle.

ORGANIZATIONAL DEVELOPMENT (ORGD)

[Program Description, page 296]

3340 Organizational Development

This course presents the research, practice and ethics relevant to organizational development, including: consulting skills, tools and techniques for analyzing problems, developing, implementing and evaluating organizational development interventions, and ethical issues at each stage of the consulting process. Prerequisites: BMGT 3340 and BMGT 3354. Cross-listed with HRES 3340.

3360 Teambuilding in Organizations

This course presents the research and practice relevant to improving teamwork in organizations for permanent work groups, temporary project teams and virtual teams, for a variety of purposes, including: improving productivity, clarifying roles, resolving conflict and adapting to change. Prerequisites: ORGD 3340.

3370 Total Quality Management

This course presents the research and practice relevant to employee involvement programs, in particular, TQM, continuous improvement and six-sigma approaches o improving organizational processes, products and services. Prerequisites: ORGD 3340.

3390 Communication in Organizations

This course presents the concept and practice of organizational communication, ranging from individual communication, to how structures and methods influence communication messages. Prerequisites: SPCH 2341 and ORGD 3340

3395 Organizational Change

This Course presents the theory and practice of organizational change, with a particular emphasis on implementing change successfully across a wide range of interventions and managing resistance to change. Prerequisites: ORGD 3340.

4330 Organizational Learning

This course examines models, theories and practical application of the way an organization learns and adapts to internal and external change, including how to learn from experience, and how knowledge management enhances organizational effectiveness. Prerequisite: ORGD 3340

4350 Leadership in Organizations

This course presents the research and practice relevant to leadership in organizations, including: theories of leadership, leadership styles, leadership roles and activities, and skills necessary for effective leadership. Prerequisite: ORGD 3340 and BMGT 4355. Cross-listed with HRES 4350.

4380 Capstone in Organizational Development

This is the final course for the BA in Organizational Development. It is an integrative, problem-solving course in which the expertise gained in the major are applied to organizational situations through actual project work or case studies. Prerequisite: Completion of all major requirement for the Bachelor of Arts in OD. Cross-listed with HRES 4380.

PSYCHOLOGY (PSYC)

[Program Description, page 297]

2320 Scientific Literacy in Psychology

This course includes skills for critical evaluation of professional and public literatue in psychology; APA writing; and introductory concepts in psychological statistics, research methods, and interpretation of data.

2350 Developmental Psychology

This course is a survey of theories and current research into the development of the human organism across the entire lifespan. Prerequisite: PSYC 1301

3310 Principles of Industrial and Organizational Psychology

This course examines psychological principles as they are applied to the industrial/organizational environment. Application of theory related to personnel selection, work environment, personality, motivation, and legal issues related to the work milieu will be investigated. Prerequisites: PSYC 1301 This course many not be repeated for credit.

3315 Group Processes

This course examines group development, processes and behaviors. Specific topics include group formation, group structure, power and

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

influence, performance and decision making, leadership, and conflict in group dynamics. Prerequisites: PSYC 1301, PSYC 3351, and PSYC 3310. This course may not be repeated for credit.

3320 Qualitative Methods

This course examines qualitative methods appropriate for phenomenological, observational, and ethnological content in psychological and behavioral research. Prerequisites: PSYC 1301 and PSYC 2320. The course may not be repeated for credit.

3380 Applied Statistics for Behavioral Sciences

This course examines a variety of research methodologies relevant to the behavioral and social sciences. The course prepares students to critically analyze and apply research methods, explores validity, reliability, and other components of scientific research including basic procedures and designs, laboratory apparatus, and treatment of data. Prerequisites: PSYC 1301, PSYC 2320, and MATH 1304

3450 Quantitative Methods

This course examines psychological principles as they are applied to the industrial/organizational environment. Application of theory related to personnel selection, work environment, personality, motivation, and legal issues related to the work milieu will be investigated. Prerequisites: PSYC 1301, PSYC 3380, and MATH 1304. This course may not be repeated for credit.

4305 Psychology of Leadership

This course examines historical and current theories and models of leadership relevant to organizations. Topics include team building, leader development, influence of group leaders, and leadership styles. Prerequisites: PSYC 1301 and PSYC 3310. This course may not be repeated for credit.

4310 Research Design

This course emphasizes the use of experimental control and analysis of data for reporting experimental results in the psychological study of human and non-human behavior in a professional manner. Attention is also given to the philosophy of science, formulating research questions, and selecting appropriate statistical tests. Prerequisite: PSYC 1301, PSYC 2320, and PSYC 4410. This course may not be repeated for credit.

4312 Personnel Psychology

This course examines the research, theories and practices of personnel psychology including testing validity, job analysis, selection, performance appraisal, training, and legal and ethical issues in employment decision making. Prerequisites: PSYC 1301 and PSYC 3310. This course may not be repeated for credit.

X. EXTENDED ACADEMIC PROGRAMS
DESCRIPTION OF COURSES

4315 Comparative Psychology

This course emphasizes the discipline of comparative psychology; it is concerned with study of animal behavior in order to gain deeper understanding of human psychology. Topics include reproductive diversity, animal cognition, adaptation and learning and heredity. Prerequisite: PSYC 1301, PSYC 2320, and PSYC 4410. This course may not be repeated for credit.

4317 Psychology of Motivation and Performance

This course examines the major psychological theories and concepts of motivation and how they influence personal and professional performance and satisfaction. Prerequisites: PSYC 1301 and PSYC 3310. This course may not be repeated for credit.

4320 Health Psychology

This course provides a scientific study of psychological principles that can be used to prevent and treat illness and promote health. This course examines how behaviors relate to health enhancement, disease prevention, safety, and rehabilitation. Prerequisites: PSYC 1301, and 6 semester hours of Psychology OR permission of instructor. (Spring)

4322 Experimental Psychology: Perception

This course examines the development of perception and the basic experimentation techniques employed in the study of the detection, recognition, and discrimination. Prerequisites: PSYC 1301, PSYC 2320, and PSYC 4410. This course may not be repeated for credit.

4325 Experimental Psychology: Motivation

This course examines the basic concepts, theories, and techniques employed in the study of motivation. Prerequisites: PSYC 1301, PSYC 2320, and PSYC 4410. This course may not be repeated for credit.

43CS Capstone Project in Psychology

This course is intended to provide student with the opportunity to integrate and synthesize the knowledge and skills they have accrued throughout their coursework in an original comprehensive project. Prerequisites: All psychology core and concentration courses. This course may not be repeated for credit.

XI. University Directory

Board of Trustees	504
Board of Trustees Emeriti	507
Development Board	508
University Administration	509
Provost	509
Enrollment Management and Student Services	510
Finance	511
Institutional Advancement	511
International Programs	512
Faculty Professor Emeritus	512
Faculty	515
Preparatory Programs	545

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Index

3

3D ANIMATION AND GAME DESIGN	234
3D Animation and Game Design (ANGD)	300

A

A. Academic Advising	67, 91
Academic Instruction Plan	201
Academic Integrity Policy	99
Academic Literacy	113
Academic Load	91
Academic Overload	92
Academic Placement Testing Requirements	68, 92
Academic Programs and Services	14
Academic Resources	19
Account Statements and Disputes	47
Accounting	179, 284
Accounting (ACCT)	482
Accreditation	13
Administration	280
Administration Concentration--HSCI	290
Admission for Home Schooled Students	38
Admission of Exchange Students	37
Admission of First-Time Freshmen	28
Admission of Graduate Students	40
Admission of International Students	35
Admission of Military Personnel	35
Admission of Non-Degree Seeking Students	39
Admission of Post-Baccalaureate/Post-Master's Students	39
Admission of Transfer Students	28
Admission of Transient Students	39
Admission of Veterans	34
Admission to Teacher Certification Program	170
Admission to the Adult Degree Completion Program (ADCaP) and Virtual University	33
Admission to the Teacher Apprenticeship Program	172
Adult Instruction And Training	274
Advanced Placement and Advanced Credit	33
Affiliations	18
All Level Teaching	170
Anthropology	116
Anthropology (ANTH)	305
Appeal of an Admissions Denial	40
Application and Approval for State Certification	174
Application for the Degree	89
Applied Arts and Sciences	281
Applied Chemistry	257
Applied Music, Private Instruction (MUAP)	420
Art (ARTS)	307

ART and ART HISTORY	116
Art History (ARTH).....	305
Asian Studies Concentration	118
Associate Of Arts In Business	189
Associate Programs Offered.....	274
Athletic Training Education	191
Athletic Training Education (ATHP).....	313
Attendance.....	92
Auditing	93
Auditing Courses	45

B

Baccalaureate Programs Offered	280
Bachelor of Business Administration	177
BBA Degree Requirements:	178
Biology	251
Biology (BIOL)	317
Block Credit in Religious Studies.....	32
Board of Trustees	505
Board of Trustees Emeriti.....	508
Brigham Young University Challenge Exams.....	75
Broadcast Meteorology.....	266
Bulletin for Graduation	107
Business	
Accounting (ACCT).....	324
Business Law (BLAW)	328
Economics (ECON)	328
Finance (BFIN).....	326, 483
Information Systems (BINF)	483
International Business (BINT).....	329, 484
Management	331
Management (BMGT)	484
Management Information Systems (MIS)	334
Marketing	336
Marketing (BMKT).....	486
Business Administration	274, 281
Business Economics.....	182

C

Campus Ministry	59
Cardiac Rhythm Analysis Professional--AS	275
Cardiac Rhythm Analysis Professional--BS	291
Certification Procedures	56
Certified Billing And Coding Specialist--AS	276
Certified Billing And Coding Specialist--BS	292
Certified Electronic Health Records Specialist--AS	276
Certified Electronic Health Records Specialist--BS	293
Certified Medical Administrative Assistant--AS	277
Certified Medical Administrative Assistant--BS	294
Challenge Examinations	76
Chemistry.....	254
Chemistry (CHEM).....	338

Classification of Students	102
Clinical Instruction Plan	204
Clinical Placements / Internship / Observation Hours	196
College Level Examination Program (CLEP)	76
College of Humanities, Arts, and Social Sciences	116
Communication Arts	235
Communication Arts (COMM)	342
Computer Graphic Arts	240, 353, 356
Computer Information Systems	241
Computer Information Systems (CIS).....	349
Computer Literacy (COMP)	356
Computing Technology.....	21
Conditions for Reinstatement	55
Cooperative Programs.....	23
Core Curriculum.....	84
Correspondence Work.....	94
Counseling Services	59
Course Numbers.....	300, 482
CPR and First Aid	197
Credit by Examination, Certification, or Correspondence Policies	74
Credits from International Schools	32
Credit From Non-Accredited Schools	32
Credit from Regionally Accredited Institutions.....	30
Credit for Military Experience	33
Criminal Background Screening	198
Criminal Justice	119, 288
Criminal Justice (CRIJ)	487
Criminal Justice (CRJU)	356
Cultural Studies	120
Cultural Studies (CLST).....	359

D

Dance.....	125
Dance (DANC).....	360
Dean's List	102
DANTES/DSST Examinations	77
Degree Requirements.....	83
Degrees and Major Programs	14
Department of Human Performance.....	191
Development Board	509
Dimensions of Wellness (DWHP).....	362
Dreeben School of Education.....	166
Drug Screening.....	198

E

Early Admission for High School Students	38
EAmyU, GoArmyEd, NCPDLP, and AU-ABC Program	34
Economics Concentrations	182
Education	166
Education (EDUC)	363, 491
Educational Record and Student Confidentiality	111
Educational Record Review	110

Educational Record Revision	111
Educational Records.....	110
Educational Records Fee	110
Educational Records on Campus	110
Electronic Communication Policy	22
Eligibility for Professional Practice.....	198
Engineering.....	258
Engineering (ENGR).....	369
English	125
English (ENGL).....	371
English as a Second Language.....	37
Enrollment and Attendance Policies.....	91
Enrollment Management and Student Services	511
Environmental Science	260
Environmental Science (ENSC)	377
Extended Academic Programs	271
Extended Academic Programs Description of Courses	482

F

Facilities and Study Spaces	20
Faculty	516
Faculty Professor Emeritus.....	513
Fashion Design (FADS).....	378
Fashion Management.....	380
Fashion Merchandising (FMER).....	382
Feik School of Pharmacy.....	175
Finance	512
Finance (BFIN)	181, 285
Financial Aid Policies and Billing Practices	49
Financial Aid Termination	55
Financial Assistance	52
Financial Economics.....	183
Financial Information	42
First Year Engagement and Professional Development	68
Food Service.....	61
Funds Not Yet Received at the Time of Withdrawal.....	52

G

General Business	185, 285
General Marketing	286
General Studies	279
General Studies Concentration--HSCI	294
Geography (GEOG).....	382
Geology.....	262
Geology (GEOL).....	383
Government	129
Government (GOVT)	384
Government And International Affairs	128, 136
Grades and Academic History Policies	99
Graduation Completion Policies	107
Graduation Honors	109
Graduation Policies.....	106

Graphic Design	243
Graphic Design (GDSN)	391

H

Health Requirements / Immunizations for Athletic Training	196
Health Sciences.....	275, 289
Health Sciences (HSCI).....	492
Health Services.....	59
H-E-B School of Business and Administration	177
History.....	136
History (HIST)	396
Honor Points	104
Honor Societies	102
Honors (HONP)	400
Honors Program	113
Housing.....	43
Human Resources.....	296
Human Resources (HRES).....	498

I

Ila Faye Miller School of Nursing and Health Professions	191
Immunization Requirements.....	40
Independent Study Work	94
Information Resources.....	512
Information Systems.....	286
Information Technology	279
Institutional Advancement.....	512
Institutional Requirements for the Associate Degree	83
Institutional Requirements for the Baccalaureate Degree.....	83
Intercollegiate Athletics.....	61
Interdisciplinary Concentration In International Affairs.....	130
Interdisciplinary Studies.....	167
Inter-Institutional Work.....	94
Interior Design	250
Interior Design (INTD).....	404
International Affairs.....	132
International Baccalaureate Program (IB)	78
International Business	186
International Economics	183
International Programs	513
Intramural Activities	62
IV. Student Life Programs.....	58

J

J.E. and L.E. Mabee Library	18
Joint Admissions Agreement with Alamo Colleges District	34
Juren Sullivan Center For Fashion Management.....	246
Justice And Peace (JUSP)	407
Justice And Peace Concentration	134

K

Kinesiology	205
-------------------	-----

Kinesiology (PEHP) 408

L

Learning Communities 114

Liability and Health Insurance 197

Liberal Arts 138

M

Major 89

Major Requirements for a Bachelor of Science in Athletic Training 201

Management 187

Management Concentrations 286

Management Information Systems 185

Marketing 188

Mathematics 262

Mathematics (MATH) 410

Mathematics, Science and Engineering Programs Offered 251

Media and Design Programs Offered 234

Mediation Services 65

Meteorology 264

Meteorology (METR) 415

Minor, Interdisciplinary Concentration, or Specialization 89

Mission of the University of the Incarnate Word 11

Modern Languages 139, 419

Music (MUAP, MUSI, MUST, MUTH) 139

Music and Ensemble (MUSI) 421

Music Industry Studies (MUST) 428

Music Therapy (MUTH) 429

Music, Applied Private (MUAP) 420

N

Nuclear Medicine (NMED) 431

Nuclear Medicine Science 209

Nursing 215

Nursing (NURS) 434

Nutrition 267

Nutrition (NUTR) 438, 499

Nutrition Concentration 295

Nutrition Sciences--AS 278

O

Organizational Development 297

Organizational Development (ORGD) 501

P

Parking 48

Participation in Commencement Ceremonies 109

Pastoral Ministry 150

Pastoral Ministry (PMIN) 441

Payment Policy 46

Payments 46

Permission to Audit 40

Pharmacy Programs Offered	175
Philosophy	153
Philosophy (PHIL)	448
Physical Therapy	226
Physics	269
Physics (PHYS)	452
Political Economy	184
Political Economy Concentration	136
Preparatory Programs	546
Pre-Pharmacy	453
Pre-Pharmacy Program	175
Prior Learning Assessment Credits	80
Professional Certification Credits	81
Programs of Study	166
Programs Offered	116
Promotion/Retention/Graduation Requirements	200
Provost	510
Psychology	154, 298
Psychology (PSYC)	453, 502

R

Re-Admission to the University	40
Rehabilitative Sciences	226
Religious Studies	156
Religious Studies (RELS)	459
Repeat Policy	104
Required Costs During Matriculation	197
Research (RSCH)	463
Residence Halls and Dining Service	43
Returned Items/Insufficient Funds	47
Review Policy	54
Rosenberg School of Optometry	229

S

Satisfactory Academic Progress	53, 70, 104
Schedule Adjustment	95
School of Mathematics, Science and Engineering	251
School of Media and Design	233
Second Baccalaureate Degree	90
Second Major	90
Secondary Education	169
Senior Connection	39
Services	20
Social Marketing	288
Sociology	159
Sociology (SOCL)	464
Spanish	161
Spanish (SPAN)	467
Speech (SPCH)	471
Speech Communication	251
Sport Management	189, 209
Sport Management (SMHP)	472

Standards of Progress for Receipt of Veteran's Benefits	56
Student Complaint Policy.....	62
Student Conduct and Discipline	65
Student Disability Services	72
Student Educational Records and Student Privacy.....	110
Student Health Insurance	48
Student Housing	60
Student Identification Cards	58
Student Responsibility Statement.....	97
Student Success Programs	67
Study Abroad and International Exchange Programs	26
Study Abroad Enrollment.....	98
Study at Another Institution	98
System of Grading	102

T

Technical Standards	199
Technology Training	22
The Brainpower Connection	26
The Campus	12
Theatre Arts	162
Theatre Arts (THAR).....	472
Transcripts	112
Transfer of University Work	29
Transfer Students	196
Tuition	42
Tuition and Financial Regulations	42
Tuition Discounts	43
Tutoring Services.....	69
Types of Assistance Available	53

U

University Administration	510
University Board Advanced Placement Program (AP)	81
University Events and Student Programs.....	66
Undergraduate Academic Regulations and Institutional Policies	73
Undergraduate Admissions	27
University Directory.....	505
Undergraduate Programs	113

V

Veteran's Benefits.....	56
Vision Science (VISC)	229, 477

W

Withdrawals and Refunds.....	50
Women's and Gender Studies.....	164