



THE UNIVERSITY OF THE INCARNATE WORD

2013 – 2015 UNDERGRADUATE BULLETIN

ADDENDUM



University of the Incarnate Word
Addendum
to the 2013-2015 Undergraduate Catalog

The University of the Incarnate Word publishes the undergraduate catalog every two years and provides an addendum to the catalog in the intervening years. The addendum provides new and updated information and should be used in conjunction with the 2013-2015 Undergraduate catalog. Information in this addendum supercedes printed information found in the 2013-2015 Undergraduate catalog.

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No updates for this section

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No updates to this section

U n d e r g r a d u a t e A c a d e m i c R e g u l a t i o n s

Change: Added credit hour definition.

Effective: Summer 2014

The semester credit hour is a unit by which an institution measures its course work. The value of a credit hour can be determined by time, the educational experience, and outside preparation by the student.

The following constitutes the definition of a credit hour for various modes of instruction offered at UIW.

1. At least fifteen (15) contact hours, as well as a minimum of thirty (30) hours of student homework is required for each credit hour.
2. For online and blended courses, credit hours are assigned based on learning outcomes that are equivalent to those in a traditional course setting: the combination of direct instruction plus outside work will equal forty-five (45) hours for each hour of credit.
3. Laboratory courses, with little outside work, require a minimum of forty-five (45) contact hours. If moderate outside work is required, thirty (30) contact hours are required.
4. Art courses follow the recommendations for awarding credit as recommended by The National Association of Schools of Art and Design (NASAD) and the Texas Association of Schools of Art (TASA). In lecture courses, like art history, normally one hour of credit represents one 50-minute session each week of the term. For studio classes, normally a ratio of one hour of credit = two hours of contact time and one hour of outside work per week.

5. Music courses follow the recommendations for awarding credit as required by The National Association of Schools of Music (NASM). Normally, a semester hour of credit represents at least three hours of work each week for each week of the term. In lecture classes, such as music history, normally one hour of credit is given for one 50-minute session plus two hours of homework each week of the term. For ensembles normally one hour of credit is given for two to four 50-minute rehearsal sessions per week, depending on the ensemble. For applied lessons, two hours of credit are awarded for each 60-minute lesson per week with the instructor, plus 7-14 hours of individual practice outside the lesson.
6. Internships, clinical and field experiences award credit based on established standards and precedent for specific disciplines; in some cases the ratio of clock to credit hours is specified by regulatory/accreditation agencies. The following table shows some examples of the ratio of clock hours to credit hour in various disciplines.

Discipline	Experience	Ratio of clock to credit hours	Number of clock hours / credit hour in 15 week term
Athletic Training Education	Clinical practicum	20 : 1	300
Business concentrations	Internship	3:1	45
Kinesiology	Internship	3:1	45
Nursing	Clinical Practicum	4:1	60
Nutrition / Dietetics	Internship	16:1	71
Rehabilitation Sciences	Clinical Practicum	3:1	45
Teacher Education	Teaching apprenticeship	6.66:1	100

7. For professional clinical doctoral programs the definition of a credit hour may vary in accordance with established precedent and/or national accreditation standards for specific professional disciplines.

Discipline / Accrediting Agency	Lecture	Lab	Clinic
<u>Optometry</u> Accreditation Council on Optometric Education	1 contact hour = 1 credit	2 contact hours / week = 1 credit	2 contact hours / week = 1 credit
<u>Pharmacy</u> Accreditation Council on Pharmacy Education	1 contact hour = 1 credit	2 contact hours / week = 1 credit	40 contact hours / week = 1 credit
<u>Physical Therapy</u> Commission on Accreditation of Physical Therapy Education	1 contact hour = 1 credit	2 contact hours / week = 1 credit	80 contact hours / 2 weeks = 1 credit (40 contact hours / week = 0.5 credit)

**U n d e r g r a d u a t e
P r o g r a m s a n d
R e q u i r e m e n t s**

COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES

ASIAN STUDIES CONCENTRATION

Change: Update to the Asian Studies concentration course options

Effective: Fall 2014

Add GOVT 3352, Politics of the Middle East to the Asian Studies Concentration.

CRIMINAL JUSTICE (CRJU)

Change: Update to the Criminal Justice major course options

Effective: Fall 2014

Add CRJU, Sex Offenders; CRJU 3369, Comparative Criminal Justice Systems, and CRJU 3372, Women in Crime and Criminal Justice, to the option of courses for the major.

GOVERNMENT (GOVT)

Change: Eliminate prohibition against Government majors minoring in the Pre-Law Concentration

Effect: Fall 2014

Students that major in Government may now select the Pre-Law concentration as their minor.

Change: Remove COMM 4332, Law and the Media, from the major

Effective: Fall 2014

COMM 4332, Law and the Media, is removed from the list of optional courses counting for a major in Government for the B.A. degree.

Change: Update to the Government major and minor course options

Effective: Fall 2014

Add GOVT 3351, Asian Politics; GOVT 3352, Politics of the Middle East; and GOVT 4356, Latin American and Caribbean Politics to the Government major and minor in the Comparative Politics block.

INTERNATIONAL AFFAIRS CONCENTRATION

Change: Revision of Major and concentration to require GOVT 2305, Introduction to Political Studies instead of GOVT 1315, American Politics

Effective: Fall 2014

Change: Revision of Major to require a minor or interdisciplinary concentration in addition to hours required for the major

Effective: Fall 2014

Change: Revision of Major and concentration to provide degree four tracks and include additional course selections

Effective: Fall 2014

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

International Affairs 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.**

International Affairs Majors must choose from the following degree tracks:

- International Affairs Major: Specialized Focus;
- International Affairs Major: European Focus;
- International Affairs Major: Latin American Focus;
- International Affairs Major: Conflict and Peace Focus.

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.

1. 15 semester hours of required courses:

GOVT	2300	Social Science Research Methods
GOVT	2305	Introduction to Political Studies
GOVT	2320	International Relations
GOVT	3110	International Affairs Colloquium
GOVT	3110	International Affairs Colloquium (must repeat once for a total of 2 semester hours)
GOVT	4495	International Affairs Capstone

2. Study Abroad Experience (may be satisfied through semester abroad, course-based study abroad, internship abroad, or other experience abroad with Chair's approval)

3. Select one of the following degree tracks:

A. International Affairs Major: Specialized Focus

1. 6 Hours of Modern Languages beyond the elementary level

2. 9 credit hours chosen from Fine Arts and Humanities:

ARTH	<u>2361</u>	Art History: Ancient through Medieval
ARTH	<u>2362</u>	Art History: Renaissance to Modern
ARTH	<u>3350</u>	Latin American Art: 20th Century
ARTH	<u>3357</u>	History of Photography
ARTH	<u>4350</u>	Modern Art of Mexico
CLST	<u>3325</u>	Cultural Studies Theory
CLST	<u>2320</u>	Cultural Studies Method: Inquiry and Evidence
CLST	<u>4399</u>	Selected Topics in Cultural Studies

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ENGL	4320	Period Studies- <i>when appropriate</i>
ENGL	4340	Major Authors- <i>when appropriate</i>
ENGL	4350	Literary Movements
HIST	3331	Colonial Latin America
HIST	3332	Latin America since Independence
HIST	3340	Modern Europe
HIST	4332	Mexico
HIST	4334	History of Portuguese America
HIST	4350	Topics in World History
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. 9 credit hours chosen from 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	3350	European Politics
GOVT	3351	Asian Politics
GOVT	3352	Politics of the Middle East
GOVT	3356	Terrorism and Conflict in the International Arena
GOVT	3376	Model United Nations

GOVT	4321	U.S. Foreign Policy
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

B. International Affairs Major: European Focus

1. 6 hours of Modern Language beyond the elementary level from the following: Spanish, French, Italian, German OR

6 hours of two different languages from the following: Spanish, French, Italian, German (Substitute for international students may be available)

2. 9 credit hours chosen from Fine Arts and Humanities:

ARTH	2361	Art History: Ancient through Medieval
ARTH	2362	Art History: Renaissance to Modern
CLST	4399	Selected Topics in Cultural 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	3340	Modern Europe
RELS	3322	Christianity through ART
SPAN	3311	Culture and Civilization of Spain

3. 9 credit hours chosen from Social Sciences and Business:

ECON	2301	Macroeconomics
ECON	4310	International Economics
BINT	3331	International Business Management
BINT	3345	International Accounting
BINT	3355	International Banking and Finance
BINT	3361	International Marketing
BINT	4390	International Policies and Relations (Study Abroad)
GOVT	2375	International Organizations
GOVT	4323	Politics of Coffee and Sugar
GOVT	4330	International Law
GOVT	4363	Political Globalization
GOVT	4387	Topics in Comparative Politics/International Relations

C. International Affairs Major: Latin American Focus

1. 6 hours of Modern Language beyond the elementary level from the following: Spanish, French, Portuguese OR

6 hours of two different languages from the following: Spanish, French, Portuguese (Substitute for international students may be available)

2. 9 credit hours chosen from Fine Arts and Humanities:

ARTH	<u>3350</u>	Latin American Art: 20th Century
ARTH	<u>4350</u>	Modern Art of Mexico
CLST	<u>3325</u>	Cultural Studies Theory
CLST	<u>2320</u>	Cultural Studies Method: Inquiry and Evidence
CLST	<u>4399</u>	Selected Topics in Cultural Studies
ENGL	<u>4320</u>	Period Studies- <i>when appropriate</i>
ENGL	<u>4340</u>	Major Authors- <i>when appropriate</i>
ENGL	<u>4350</u>	Literary Movements
HIST	<u>1312</u>	World History II
HIST	<u>3331</u>	Colonial Latin America
HIST	<u>3332</u>	Latin America since Independence
HIST	<u>3340</u>	Modern Europe
HIST	<u>4332</u>	Mexico
HIST	<u>4334</u>	History of Portuguese America
HIST	<u>4350</u>	Topics in World History
MUSI	<u>3348</u>	Studies in World Music
PHIL	<u>3385</u>	Justice: Tradition and Transformation
RELS	<u>3305</u>	Catholic Social Teachings
RELS	<u>4345</u>	Theologies of Liberation
SPAN	<u>3311</u>	Culture and Civilization of Spain
SPAN	<u>3312</u>	Culture and Civilization of Latin America

3. 9 credit hours chosen from Social Sciences and Business:

ANTH	<u>1311</u>	Cultural Anthropology
ANTH/SOCI	<u>3232/3332</u>	Culturology and Cross-Cultural Communication
ECON	<u>2301</u>	Macroeconomics
ECON/BINT	<u>4350</u>	Latin America Economics
BINT	<u>3331</u>	International Business Management
BINT	<u>3345</u>	International Accounting
BINT	<u>3355</u>	International Banking and Finance
BINT	<u>3361</u>	International Marketing
BINT/ECON	<u>4350</u>	Latin America Economics
BINT	<u>4390</u>	International Policies and Relations (Study Abroad)
GOVT	<u>1391</u>	Human Rights

GOVT	2376	Model Organization of American States
GOVT	4323	Politics of Coffee and Sugar
GOVT	4355	Politics of Developing Countries
GOVT	4356	Latin American and Caribbean Politics
GOVT	4363	Political Globalization
GOVT	4387	Topics in Comparative Politics/International Relations

D. International Affairs Major: Conflict and Peace Focus

1. 6 hours of Modern Language beyond the elementary level

2. 9 credit hours chosen from Fine Arts and Humanities:

CLST	4399	Selected Topics in Cultural Studies
HIST	3331	Colonial Latin America
HIST	4325	Global Human Rights
HIST	4338	Topics in South Asian History
HIST	4350	Topics in World History
PHIL	3385	Justice: Tradition and Transformation
RELS	3305	Catholic Social Teachings
RELS	3350	Environmental Theology And Ethics
RELS	4345	Theologies of Liberation
SPAN	3311	Culture and Civilization of Spain

3. 9 credit hours chosen from Social Sciences and Business:

ANTH	1311	Cultural Anthropology
ANTH/SOCI	3232/3332	Culturology/Cross-Cultural Communications
ECON/BINT	4350	Latin America Economics
GOVT	2350	Environmental Politics
GOVT	3351	Politics of Asia
GOVT	3352	Politics of the Middle East
GOVT	3356	Terrorism and Conflict in the International Arena
GOVT	4323	Politics of Coffee and Sugar
GOVT	4330	International Law
GOVT	4355	Politics of Developing Countries
GOVT	4356	Latin American and Caribbean Politics
GOVT	4363	Political Globalization
GOVT	4387	Topics in Comparative Politics/International Relations

Change: Revision of concentration

Effective: Fall 2014

Removed Social Science Research Methods requirement and replaced with GOVT 2305, Introduction to Political Studies.

International Affairs Concentration (18 hours total, plus Study Abroad):

Study Abroad Experience (may be satisfied through semester abroad, course-based study abroad, internship abroad, or other experience abroad with Chair's approval)

GOVT 2320 International Relations

GOVT 2305 Introduction to Political Studies

9 credit hours chosen from Fine Arts and Humanities:

ARTH	<u>2361</u>	Art History: Ancient through Medieval
ARTH	<u>2362</u>	Art History: Renaissance to Modern
ARTH	<u>3350</u>	Latin American Art: 20th Century
ARTH	<u>3357</u>	History of Photography
ARTH	<u>4350</u>	Modern Art of Mexico
CLST	<u>3325</u>	Cultural Studies Theory
CLST	<u>2320</u>	Cultural Studies Method: Inquiry and Evidence
CLST	<u>4399</u>	Selected Topics in Cultural Studies
ENGL	<u>4320</u>	Period Studies- <i>when appropriate</i>
ENGL	<u>4340</u>	Major Authors- <i>when appropriate</i>
ENGL	<u>4350</u>	Literary Movements
HIST	1311	World History I
HIST	1312	World History II
HIST	<u>3331</u>	Colonial Latin America
HIST	<u>3332</u>	Latin America since Independence
HIST	<u>3340</u>	Modern Europe
HIST	4332	Mexico
HIST	4334	History of Portuguese America
HIST	4336	Topics In Chinese History
HIST	4338	Topics in South Asian History
HIST	<u>4350</u>	Topics in World History
MUSI	<u>3348</u>	Studies in World Music
PHIL	<u>3325</u>	Philosophy of Culture
PHIL	<u>3355</u>	World Philosophy
PHIL	<u>3385</u>	Justice: Tradition and Transformation
RELS	<u>2345</u>	World Religions
RELS	<u>3322</u>	Christianity through ART
RELS	<u>3350</u>	Environmental Theology and Ethics
RELS	<u>4345</u>	Theologies of Liberation

SPAN	<u>3311</u>	Culture and Civilization of Spain
SPAN	<u>3312</u>	Culture and Civilization of Latin America
3. 6 credit hours chosen from Social Sciences and Business:		
ANTH	<u>1311</u>	Cultural Anthropology
ANTH/SOCI	<u>3232/3332</u>	Culturology and Cross-Cultural Communication
ECON	<u>2301</u>	Macroeconomics
ECON	<u>4310</u>	International Economics
ECON/BINT	<u>4350</u>	Latin America Economics
BINT	<u>3331</u>	International Business Management
BINT	<u>3345</u>	International Accounting
BINT	<u>3355</u>	International Banking and Finance
BINT	<u>3361</u>	International Marketing
BINT/ECON	<u>4350</u>	Latin America Economics
GOVT	<u>1391</u>	Human Rights
GOVT	<u>2350</u>	Environmental Politics
GOVT	<u>2375</u>	International Organizations
GOVT	<u>2376</u>	Model Organization of American States
GOVT	<u>3110</u>	International Affairs Colloquium
GOVT	<u>3356</u>	Terrorism and Conflict in the International Arena
GOVT	<u>4321</u>	U.S. Foreign Policy
GOVT	<u>4322</u>	National Security Policy
GOVT	<u>4323</u>	Politics of Coffee and Sugar
GOVT	<u>4330</u>	International Law
GOVT	<u>4355</u>	Politics of Developing Countries
GOVT	<u>4363</u>	Political Globalization
GOVT	<u>4387</u>	Topics in Comparative Politics/International Relations

MUSIC

Change: Updated Progression Policies

Effective: Immediately

Policies for Transfer Students:

All incoming transfer students must contact the Department of Music 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 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 must either 1) change to another Music degree or change majors if the course is required for a specific concentration (Music Education, Performance or Composition Emphasis, Music Industry Studies, Music Therapy), or 2) must change to a different major if the course is required for all Music degrees.

Change: Revision of Major

Effective: Fall 2014

Change the BA degree with a major Music and an emphasis in Composition to the BM degree with a major Music and an emphasis in in Composition.

Change the degree requirements for all music programs to the following:

The faculty and students in the Department of Music at the University of the Incarnate Word share three underlying goals, inspired by the university's history as a liberal arts institution, its mission, and its spiritual traditions. First, we seek to deepen our understanding of music through study, performance, and the creation of new music. Students develop a strong foundation in music theory, aural skills, and basic keyboard technique while exploring their own creativity through composition and improvisation and pursuing higher-level study of voice or a musical instrument. Second, we examine how music has functioned in different cultures, considering in detail both the long and rich history of Euro-American concert traditions and a variety of other music cultures. Third, we work to enrich our lives and the lives we touch outside the university through music. Students pursue this third goal in different ways, according to the focus of their chosen degrees, but are invited by the faculty to conceive of music as a vital form of communication that lends itself to self-improvement and service to others.

Policies, Auditions, Scholarships: For the most up to date and detailed information about the degrees, auditions, scholarships, faculty, ensembles, and policies, visit the UIW Department of Music web site (<http://www.uiw.edu/music/>)

NOTE: All students wishing to major or minor in music are required to audition for conditional entrance to the program. Contact the music department (210-829-3855, sul@uiwtx.edu) for audition and advising.

Students may major in music, double major in music and some other discipline, or minor in music (see below for requirements for the minor). Music majors may choose from among six different degree plans.

Bachelor of Music in Music Education with a Minor in All Level Education

Bachelor of Music in Music Therapy

Bachelor of Music in Composition

Bachelor of Arts in Music

Bachelor of Arts in Music with an Emphasis in Performance

Bachelor of Arts in Music with an Emphasis in Music Industries Studies

Bachelor of Music in Music Education

The Bachelor of Music in Music Education with a Minor in All-Level Education is designed specifically to certify music educators who will teach in a public or private school system. In order to graduate, degree candidates will perform a public recital and will successfully complete a Student Teaching Internship. Prospective students must be able to read notated music and demonstrate appropriate technical proficiency in voice or on an instrument at the time of their entrance audition. Candidates must declare a performance focus of voice or a traditional band or orchestral instrument. The vocal track listed below is for students whose focus is voice. The instrumental track listed below is for all other music education majors. Currently, piano and guitar are not options as principal instruments in this degree plan. For more information on this program, contact Dr. Brett A. Richardson at: barichar@uiwtx.edu.

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.

Recommended [Degree Sequence](#) (pdf)

A. 40 semester hours of musicianship:

MUSI	1110	Freshman Music Seminar (must complete twice)
MUSI	<u>1191</u>	Aural Skills I
MUSI	<u>1192</u>	Aural Skills II
MUSI	<u>2193</u>	Advanced Aural Skills III
MUSI	<u>2194</u>	Advanced Aural Skills IV
MUSI	<u>1321</u>	Music Theory I
MUSI	<u>1322</u>	Music Theory II
MUSI	<u>2323</u>	Music Theory III
MUSI	<u>3324</u>	Music Theory IV
MUSI	<u>1111</u>	Keyboard Skills I
MUSI	<u>1121</u>	Keyboard Skills II
MUSI	<u>2110</u>	Keyboard Skills III
MUSI	<u>2120</u>	Keyboard Skills IV/Keyboard Proficiency Exam
MUSI	<u>3323</u>	Orchestration
MUSI	<u>3341</u>	Music History I
MUSI	<u>3342</u>	Music History II
MUSI	<u>3348</u> or	Studies in World Music or
	<u>3351</u>	Music in Asian Theater
MUSI	<u>4323</u>	Form and Analysis
MUSI	4344	Conducting

B. 22 credit hours of Applied Music:

14 credit hours of the principal instrument (MUAP) in either Voice or one focused instrument (Vocal track - MUAP 1176, 1177, 2276, 2277, 3276, 3277; 4276, 4277 Instrumental track - MUAP 1154, 1155, 2254, 2255, 3254, 3255, 4254, 4255

8 credit hours of a major ensemble: Cardinal Band, Cardinal Chorale, Orchestra, Wind Ensemble, Chamber Music, or Jazz Ensemble.
Note: All entering freshmen seeking the music education degree must register for a major ensemble.

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*** in the UIW Department of Music Student Handbook.

C. 14 credit hours of music education courses:

MUSI	3101	Woodwind Instrumental Techniques
MUSI	3103	Brass Instrumental Techniques
MUSI	3105	String Instrumental Techniques
MUSI	3107	Percussion Instrumental Techniques
MUSI	<u>3344</u>	Creative Development in Music I
MUSI	<u>3361</u>	Vocal Techniques and Diction

MUSI	4110 or 4120	Instrumental Tech/Pedagogy (instrumental track) or Choral Techniques (vocal track)
MUSI	4343	Creative Development in Music II

D. Requirements for the Minor in All-Level Education:

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

1. 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)		

2. 24 credit hours Professional Development Sequence:

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	Teacher Apprenticeship Seminar
EDUC	4605	Teacher Apprenticeship

Contact the teacher certification personnel in the Dreeben School of Education for specific information about the Teacher Certification Program requirements.

E. Core Curriculum

F. Electives to reach 120 semester hours, if needed

Bachelor of Music in Music Therapy

The Bachelor of Music in Music Therapy is a professional degree 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. In order to graduate, degree candidates will demonstrate technical command of three instruments (voice, guitar, keyboard) sufficient to be able to communicate and improvise through music in various clinical settings. They will also successfully complete a Music Therapy Internship and a capstone research project. For more information on this program, contact Dr. Janice Dvorkin at dvorkin@uiwtx.edu.

Recommended [Degree Sequence](#) (pdf)

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

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

A. 34 credit hours of musicianship:

MUSI	1110	Freshman Music Seminar (must complete twice)
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
MUSI	2120	Keyboard Skills IV/Keyboard Proficiency Exam
MUSI	3341	Music History I
MUSI	3342	Music History II
MUSI	3348	Studies in World Music
MUSI	4344	Conducting

B. 20 credit hours in music development and performance:

10 credit hours of principal instrument in Voice, Piano, or Guitar
(Vocal track: MUAP 1176, 1177, 2276, 2277, 3276, 3277, 3277;
Piano or Guitar track: MUAP 1154, 1155, 2254, 2255, 3254,
3255)

6 credit hours of major ensembles: Cardinal Band, Cardinal Chorale,
Orchestra, Wind Ensemble, or Jazz Ensemble

4 credit hours of applied Music Therapy courses:

MUTH	2150	Percussion for Music Therapy
MUTH	1145	Voice for Music Therapy
MUTH	2101	Guitar for Music Therapy I
MUTH	2102	Guitar for Music Therapy II

C. 32 credit hours in Music Therapy: Note: All entering freshman music therapy majors should take MUTH 1301, Introduction to Music Therapy,

their first semester. If entering in the spring semester, students should take this course the next fall.

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

E. Core Curriculum: 27 required credit hours in addition to those indicated by *** above.

F. Elective credit in Music Therapy: 1-5 credit hours. Although not required for the degree, it is highly recommended that students enroll in MUTH 4188, which can be repeated for credit up to five semesters. Refer to the course description section of the catalog for a full course description.

Bachelor of Music in Composition

The Bachelor of Music in Composition is a professional degree that prepares students for careers as composers and/or for graduate studies in

composition and related fields such as film composing and music theory. Successful completion of this degree requires that the candidate give a public recital of his or her original compositions. To enter the program, students must be able to read notated music and demonstrate strong technical proficiency in voice or on an instrument. Composition students at UIW concentrate on classical (art music) style; jazz studies are possible through elective credits. Contact Dr. Ken Metz at metz@uiwtx.edu for more information on this degree.

Recommended [Degree Sequence](#) (pdf)

Requirements for the B.M. with a major in Music and 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. 49 credit hours of musicianship:

MUSI	1110	Freshman Seminar (must complete twice)
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
MUSI	2120	Keyboard Skills IV/Keyboard Proficiency Exam
MUSI	3323	Orchestration
MUSI	3327	Counterpoint
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
MUSI	4344	Conducting
MUST	2325	Studio Arranging

B. 16 credit hours of additional coursework and applied music: **Note: All entering freshmen seeking the music composition emphasis must**

register for either MUAP 1176 or MUAP 1154 and must register for a major ensemble.

10 credit hours of principal instrument, either voice or on focused instrument: Vocal track - MUAP 1176, 1177, [2276](#), [2277](#), [3276](#), [3277](#); Instrumental track - MUAP 1154, 1155, [2254](#), [2255](#), [3254](#), [3255](#), 4254, 4255

6 credit hours of major ensembles: Cardinal Band, Cardinal Chorale, Orchestra, Wind Ensemble, or Jazz Ensemble

C. 12 credit hours Composition Instruction and Recital:

12 credit hours of Private Instruction in Composition (MUAP [2256](#), [2257](#), [3256](#), [3257](#), [4256](#), [4257](#))

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.

D. Core Curriculum

E. Electives to equal 120 semester hours

Bachelor of Arts in Music

The Bachelor of Arts in Music is a liberal arts degree designed to prepare students for graduate school and/or careers in music or other fields. Degree candidates receive thorough instruction in music theory and history, develop proficiency in voice or on an instrument, and take courses in a variety of other disciplines to achieve the breadth of learning that characterizes a liberal arts degree. The Bachelor of Arts in Music is appropriate for students who want to double major in music and another discipline. For more information on this program, contact Dr. Kevin Salfen at salfen@uiwtx.edu.

Recommended [Degree Sequence](#) (pdf)

Major requirements for a Bachelor of Arts in Music:

A. 40 credit hours of Music theory and history:

MUSI	1110	Freshman Seminar (must complete twice)
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
MUSI	2120	Keyboard Skills IV/Keyboard Proficiency Exam
MUSI	3341	Music History I
MUSI	3342	Music History II
MUSI	3348 or 3351	Studies in World Music or Music in Asian Theater
MUSI	4323	Form and Analysis
MUSI	4341	Research and Writing in Music
MUSI	4344	Conducting

B. 16 credit hours of Applied Music:

10 credit hours of principal instrument, either voice or on focused instrument: Vocal track - MUAP 1176, 1177, [2276](#), [2277](#), [3276](#), [3277](#); Instrumental track - MUAP 1154, 1155, [2254](#), [2255](#), [3254](#), [3255](#), 4254, 4255

6 credit hours of major ensembles: Cardinal Band, Cardinal Chorale, Orchestra, Wind Ensemble, Chamber Music, or Jazz Ensemble

C. Core Curriculum

D. Electives to equal 120 hours

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

The Bachelor of Arts with an Emphasis in Performance (Vocal or Instrumental) is designed for students who wish to achieve a high level of proficiency in performance, with a primary focus on the classical tradition. Prospective students for the performance emphasis must be able to read notated music and demonstrate strong technical proficiency in their instrument/voice at the time of audition. Degree candidates receive thorough instruction in music theory and history and take courses in a variety of other disciplines to achieve the breadth of learning that characterizes a liberal arts degree. Candidates demonstrate their achievement in performance at the end of their degree by performing a public recital. For more information about this program, contact Dr. Orit Amy Eylon at eylon@uiwtx.edu.

Recommended [Degree Sequence](#) (pdf)

A. 30 credit hours of Music theory and history:

MUSI	1110	Freshman Seminar (must complete twice)
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
MUSI	2120	Keyboard Skills IV/Keyboard Proficiency Exam
MUSI	3341	Music History I
MUSI	3342	Music History II
MUSI	3348 or 3351	Studies in World Music or Music in Asian Theater
MUSI	4323	Form and Analysis
MUSI	4341	Research and Writing in Music
MUSI	4344	Conducting

B. 20 credit hours of applied and required upper-level Music: **Note: All entering freshmen seeking the music composition emphasis must register for either MUAP 1176 or MUAP 1154 and must register for a major ensemble.**

14 credit hours of principal instrument, either voice or on principle instrument: Vocal track - MUAP 1176, 1177, [2276](#), [2277](#), [3276](#), [3277](#); 4276, 4277; Instrumental track - MUAP 1154, 1155, [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 Policies in the [UIW Department of Music Student Handbook](#).

C. Core Curriculum

D. Electives to equal 120 credit hours

Bachelor of Arts with a major in Music Industry Studies

The Bachelor of Arts in Music with an Emphasis in Music Industry Studies combines the study of music with business courses and provides students with the tools to build careers in the multi-faceted music business. Careers covered in this major include: recording engineer, entertainment attorney, publisher, songwriter, record producer, personal manager, record label executive, music editor, film composer, concert promoter, talent agent, studio owner, professional musician, arranger, musical director, and recording artist. In order to graduate, degree candidates will demonstrate the acquisition of essential musical skills, including functional proficiency in one instrument, arranging skills, and a solid grasp of current music technology tools; they will also successfully complete two Music Industry Internships. For more information on this program, contact Professor Jim Waller at jwaller@uiwtx.edu.

Recommended [Degree Sequence](#) (pdf)

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):

A. 31 credit hours of musicianship:

MUSI	1110	Freshman Seminar (must complete twice)
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
MUSI	2120	Keyboard Skills IV/Keyboard Proficiency Exam
MUSI	3341	Music History I
MUSI	3342	Music History II
MUSI	3348 or 3351	Studies in World Music or Music in Asian Theater

B. 26 credit hours of Music Industry courses. **Note: all entering Music Industries majors should register for Introduction to Music Industries**

Studies (MUST 2340) or (if entering in a spring semester) Music Industries Studies II (MUST 2350).

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

C. 16 credit hours of Applied Music:

10 credit hours of principal instrument, either voice or on focused instrument: Vocal track - MUAP [1276](#), [1277](#), [2276](#), [2277](#), [3276](#), [3277](#); 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 4355	Human Resource Management or Organizational Behavior and Leadership

D. Core Curriculum

E. Electives to equal 120 hours

Requirements for the minor in Music: 16-20 credit hours

The minor in music is designed for students who wish to continue their musical training while majoring in another subject.

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)

Academic Policies for Music Students:

Piano Proficiency

All students majoring in Music must pass the Piano Proficiency test before for they can apply to graduate.

Transfer Students

All incoming transfer students must contact the Department of Music. Transfer students may be required to take a placement test in music theory and aural skills before they begin classes at UIW. The faculty reserves the right to assign theory courses for which students may already be credited by the registrar if they are unable to score at least 70% on the placement test. The music department also reserves the right not to accept transfer of other upper-division music courses based on the evaluation and comparison of the syllabus/course outline from the student's previous institution to that of the UIW course for which transfer credit is sought. It is also UIW policy that no junior, community, or two-year college course can count towards a student's 42-hour advanced level requirement. (See the "Transfer Credit Questions" section of the FAQ on the webpage of the Office of the Registrar.) As part of the Department of Music residency requirement, transfer students must enroll in a minimum of four semesters of a major ensemble at UIW, plus any additional semesters as required by the degree program that are not fulfilled by transfer credits. Students must also enroll in a major ensemble each semester in which they receive either an ensemble or music scholarship.

Transfer students assigned to MUAP 1154, 1155, 1141 and /or MUSI 1300, 1100, 1121, and/or 1191 will be required to register for the Freshman Music Seminar (MUSI 1110). 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 Retaking a Music Course:

Music students may not withdraw 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 must either 1) change to another Music degree or change majors if the course is required for a specific concentration (Music Education, Performance or Composition Emphasis, Music Industry Studies, 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: Refer to the UIW Department of Music Student Handbook

Pre-Law Concentration

Change: Remove COMM 4332, Law and the Media, from the concentration

Effective: Fall 2014

COMM 4332, Law and the Media, is removed from the list of optional courses counting for the Pre-Law concentration.

Change: Replaced program description erroneously omitted from catalog. Updated course selections

Effective: Immediately

The program in Government and International Affairs at the University is designed to introduce students to the study of law, to encourage student engagement with the legal profession, and to prepare students for the law school admission process.

Students from any major may consider applying to law school upon graduation. The Department of Government and International Affairs offers a series of public law courses to assist students considering law as a career. For students majoring or minoring in government, these courses can be taken to count for the American Politics concentration; for students in other majors, these courses can be taken as a Pre-Law Concentration. The Pre-Law Concentration provides a basic government and law background for those students who hope to go on to law school.

Requirements for a concentration in Pre-Law:

15 hours of the following required courses:

GOVT	1315	American Politics
GOVT	2392	Introduction to U.S. Legal System
PHIL	1381	Introduction to Philosophy
PHIL	3312	Logic
ENGL		3 Hours Upper Level Rhetoric Course

3 Semester hours from the following courses:

GOVT	1391	Human Rights
GOVT	2342	Law and Social Justice in Movies and Novels
GOVT	2375	International Organizations

GOVT	3353	Texas Legislative Process
GOVT	3375	Moot Court
GOVT	4315	Constitutional Law I: Institutional Powers
GOVT	4316	Constitutional Law II: Civil Liberties and Civil Rights
GOVT	4330	International Law

6 Semester hours from the following courses:

BLAW	3317	Business Law
BLAW	4320	International Business Law
BLAW	4340	Labor and Employment Law
ECON	2301	Principles of Macroeconomics
SPCH	1311	Public Speaking
PHIL	3332	Ethics
PHIL	3385	Justice: Tradition and Transformation
ENGL		3 Hours Upper Level Literature Course

WOMEN'S AND GENDER STUDIES

Change: Add CRJU 3372, Women in Crime and Criminal Justice, to the Women's and Gender Studies major
Effective: Fall 2014

H-E-B SCHOOL OF BUSINESS AND ADMINISTRATION

ACCOUNTING (ACCT)

Change: Elimination of ABM
Effective: Fall 2014

Accelerated Bachelor to Master degree option eliminated for the BBA with a concentration in accounting to the MS Accounting programs.

PROFESSIONAL GOLF MANAGEMENT (BPGM)

Change: New Program
Effective: Fall 2015

The Professional Golf Management Program (PGM) is designed to prepare our graduates to successfully integrate their education and training into the challenging environment of the professional golf management industry. As the successful management of golf facilities becomes increasingly demanding, it is imperative these professionals

have a greater understanding of the business of golf. These knowledge areas include the basics of our core curriculum as well as many of our other focus areas. Understanding the importance of proper human resource management, marketing, supervisory and management skills are imperative to successfully managing golf operations and golf facilities. It is equally essential for those entering the profession to have a foundational understanding of turf grass management, golf course equipment management, food and beverage operations, customer relations and overall business planning. These professionals will have an opportunity to learn, develop, and apply these educational experiences during a progressive internship program that will allow them to experience first-hand how their classroom experiences are applied in real environments. Their internships will focus on application and hands experiences in the many facets of golf course and facility operations. Our industry experts at Foresight Golf Management will partner with us to develop and teach these hands on proficiencies to further enhance and educate our student's classroom experiences.

To fulfill the requirements for the Professional Golf Management concentration, the student must complete the following:

A. 24 hours of the following required courses:

BMGT 3354:	Human Resource Management
BMKT 3377:	Consumer Behavior
BMKT 4375:	Market Research
BMKT 3333:	Integrated Marketing Communication
BMGT 4370:	Project Mgmt.
BMGT 4390:	Marketing Management
BMGT 4340:	Management Skills
BMGT 4355:	Organizational Behavior & Leadership

**ILA FAYE MILLER SCHOOL OF NURSING AND HEALTH
PROFESSIONS**

Change: Replacement of the Sports Management minor erroneously deleted from the catalog.

Effective: Immediately

SMHP	3301	Introduction to Sport Management
SMHP	3302	Human Factors in Sport Management

SMHP	3303	Seminar in Sports Organizations and the Public Market
BMKT	3331	Principles Of Marketing
BMKT	3333	Fundamentals of Advertising
PEHP	4345	Psychomotor Development: Educational Implications

SCHOOL OF MATHEMATICS, SCIENCE, AND ENGINEERING

CHEMISTRY (CHEM)

Change: New Progression Policy

Policy on registration for repeat enrollment in Chemistry and Biochemistry courses:

For Chemistry and Biochemistry courses in the School of Mathematics, Science and Engineering, students who have made three attempts in a particular Chemistry course (an attempt is defined as any grade recorded on the transcript including the non-passing grades of D, W, or F) will not be allowed to register for that course again. Cross-listed courses taught by the department of Chemistry and Biochemistry are counted as the same course (e.g. CHEM4351 and BIOL4351 are both counted for attempts for CHEM4351 or BIOL4351)

Appeal Process:

Under truly extraordinary circumstances a student may appeal this rule in the form of a letter (attached as an e-mail which includes a contact telephone number) addressed to the Dean of Student Success. The student should be as specific and concise as possible.

Appeals will be reviewed by an appeal committee, consisting of two faculty members, appointed by the Chair of the Chemistry Department and a Student Success representative, appointed by the Dean of Student Success.

Appeals must be received no later than three weeks prior to the beginning of the semester of which a student is appealing a registration.

A student may only appeal one time and all appeal committee decisions are final. A successful appeal does not guarantee a space in a class.

ENGINEERING MANAGEMENT (ENGR)

**Change: Rename the Engineering Management major to Engineering;
update major requirements**

Effective: Fall 2014

Revised Program Requirements:

The University offers a Bachelor of Science degree in Engineering. 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 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. A student will be required to pick a track to graduate.

Major Requirements for a Bachelor of Science in Engineering

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	2330	Probability and Statistics
ENGR	2340	Computer Programming for Mathematics, Sciences and Engineering
ENGR	3340	Numerical Methods and Advanced Programming
ENGR	3350	Statics
ENGR	3455	Mechanics of Materials and Lab
ENGR	3460	Circuit Analysis and Lab
ENGR	3462	Electronic Circuits and Lab
ENGR	4375	Thermodynamics
ENGR	4470	Fluid Mechanics and Lab
ENGR	4490	Senior Capstone
ENGR	4399	Special Topics in Engineering (must complete twice)

Upper Level Elective, approved by advisor

2. 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
MATH	2313	Calculus II
MATH	3314	Differential Equations
MATH	2322	Linear Algebra
ENGR	3440	Engineering Analysis with Lab

3. Management Track:

ACCT	2311	Principles of Accounting
ECON	2302	Microeconomics
BMGT	3371	Management Science
BFIN	3321	Principles of Financial Management

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. 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.

MATHEMATICS (MATH)

Change: Addition of the Actuarial Science Minor

Effective: Fall 2014

21 semester hours to include the following courses.

BFIN	3321	Principles of Financial Management
BFIN	3325	Money and Capital Markets
BFIN	3326	Risk Management and Insurance
MATH	3331	Foundation of Probability and Statistics
MATH	3332	Foundation of Statistical Inference
MATH	3333	Application of Statistical Methods I
MATH	4333	Application of Statistical Methods II

SCHOOL OF MEDIA AND DESIGN

FASHION MANAGEMENT (FMGT)

Change: Revision of the Fashion Design major; creation of Fashion Product Development concentration;

Effective: Fall 2014

- Change the BA with a major in Fashion Design to the BFA with a major in Fashion Design.
- Create a new concentration, Fashion Product Development, as part of the BA in Fashion Management program.
- Modify the fashion merchandising concentration

Program requirements as follows

The Juren Sullivan Center for Fashion Management offers three degree plans for students who wish to pursue a career in the fashion industry. The degree plans are: Bachelor of Fine Arts (BFA) with a major in Fashion Design; Bachelor of Arts (BA) with a major in Fashion Management and a concentration in Fashion Merchandising; and a Bachelor of Arts (BA) with a major in Fashion Management and a concentration in Product Development. The BA in Fashion Management also includes a minor in Business Administration for both concentrations.

The most unique feature of the fashion program is the annual Cutting Edge™ Fiesta Fashion Show. This show introduces (to the public) original fashion collections designed by senior fashion students. The production standards of the show are the same as those produced in fashion market cities such as New York or Los Angeles. Student work is also showcased in a variety of other venues such as fashion design competitions and gallery presentations.

For all degree plans, it is university policy students must pass all required coursework with a minimum final grade of C. Students who earn lower than a final grade of C must retake the course and pass with a grade of C or higher. The fashion program has an additional stipulation. Students may attempt each FMGT, FADS, or FMER course twice in order to comply with university policy. If it is necessary for the student to repeat a course for the third time, the student must obtain permission in order to enroll. If on the third attempt, the student does not pass the course with a grade of C or higher, the student must change their major outside of the fashion program.

Degree Plan Overview:

For the Undergraduate Catalog, 2013—2015, entering students may choose several pathways toward degree completion, dependent on career goals.

The traditional degree plan, offered as a Bachelor of Arts in Fashion Management with either a concentration in Fashion Design or Fashion Merchandising, will be offered to all students who enter UIW with the 2013—2015 Undergraduate Catalog. Students who entered UIW in earlier catalog years will also be offered the traditional degree plan. When the 2015—2017 Undergraduate Catalog begins, entering students will not be able to choose the traditional degree plan.

Beginning with the 2013—2015 Undergraduate Catalog, fashion students may choose to follow the "traditional" plan for either the fashion design or fashion merchandising; or they may choose to follow the new degree plans. The new degree plans are: Bachelor of Fine Arts with a major in Fashion Design; or a Bachelor of Arts in Fashion Management choosing either a fashion merchandising or a fashion product development concentration.

Students who choose degree plans outside of the fashion program may minor in either Fashion Design or Fashion Management.

Fashion Design

The career path is that of a traditional fashion designer. A fashion designer is either independently employed or works for fashion corporations who feature a "named" designer. The capstone course work for this degree program is to premier a student's first original collection either through the Cutting Edge™ Fiesta Fashion Show or another venue that may be more appropriate to the collection.

All fashion design and construction courses are taken in a "lock step" sequence requiring four years toward degree completion. Coursework may not be combined to speed the graduation timeline. All fashion design and construction classes are scheduled within a studio/lab time-frame rather than a lecture time-frame.

For fashion transfer students who took fashion design and construction courses at other institutions, students are required to submit a portfolio of work to be reviewed by the UIW fashion faculty to determine course work equivalencies. The transfer student may also be required to take a skills assessment test. There are no articulation agreements between the UIW fashion design program and any other university or fashion design school.

Fashion design students will undergo a skills assessment and portfolio review process twice within the four year timeframe. The first skills assessment test will be administered while enrolled in FADS 1320: Apparel Construction 2 and FADS 2331: Flat Pattern. The purpose of the skills assessment is to determine if the student has mastered fundamental concepts of garment design and construction. However, in order to enroll in the next sequence of design/construction coursework, students must also pass both FADS 1320 and FADS 2331 with a grade of C or higher.

The second assessment test and portfolio review occurs the semester before enrollment in the senior most level design/construction courses. Students must pass the second assessment test and portfolio review with a grade of B- or higher. The purpose is to ensure students developed the skill sets necessary to produce designer quality garments.

Students, who do not pass the skills assessment tests and portfolio reviews and/or do not pass the adjacent enrolled courses, may repeat the tests and/or coursework the following year. Progress toward graduation will be delayed by at least one year.

Fashion Merchandising

Students who choose the merchandising concentration develop skill sets that emphasize brand management and sales analyses. Both brand management techniques and sales management include visual merchandising, promotions, product buying, and operations management for either Business to Business (B2B) or Business to Consumer (B2C). Because the retail sector is the ultimate distribution site for fashion product; students learn how the retailing sector is organized by fashion market levels. Each market level requires different sales techniques to reach the final consumer. Most students begin their career in retail sales management positions. At the corporate level sales management positions are located within the buying offices or within the distribution offices. Auxiliary career pathways for fashion merchandising are in promotions or in visual merchandising. Often corporate buying positions lead into positions as account managers with leading brand manufacturers. Because fashion product manufacturing is often the starting industry for emerging economies; students must develop a global perspective through trade agreements, global employment practices, and sustainability of resources. Fashion merchandising students take capstone coursework with product development students to experience how integrate responsibilities from both the retail and manufacturing sectors for the sale of product from concept to the final consumer. Both Fashion Merchandising and Product Development students will enroll in FADS 3335: Technical Line

Development the spring semester prior to enrollment in FADS 4330: Product Development 1. Included in FADS 3335 will be a skills assessment evaluation. All students must pass both the skills evaluation and FADS 3335 before enrollment in FADS 4330. Progress toward graduation will be delayed by at least one year if do not successfully pass both the skills evaluation and coursework for FADS 3335.

Fashion Product Development

Students who choose the product development concentration are pursuing careers in the technical side of fashion production within the Business to Business (B2B) sector of the fashion industry. Product development positions for a manufacturer include specializations such as sourcing for raw materials, developing technical specification packages, and mass market line development. Product development teams are responsible for forecasting, product design, technical design, materials management, and distribution management. . Because fashion product manufacturing is often the starting industry for emerging economies, students must develop a global perspective through trade agreements, global employment practices, and sustainability of resources. Product Development students take capstone coursework with merchandising students to experience how to integrate responsibilities from both the retail and manufacturing sectors for the sale of product from concept to the final consumer.

Fashion product development students will take skills assessment test which will be administered while enrolled in FADS 1320: Apparel Construction 2 and FADS 2331: Flat Pattern. The purpose for this assessment is to determine if the student has mastered fundamental concepts of garment design and construction in order to enroll in FADS 4310: Knitwear.

Traditional Plan: BA with a major in Fashion Management and a concentration in Fashion Design (122 hours)

1. Student must complete the general education core (43 hours).
2. Fashion Management Courses (34 hours):

FMGT	<u>1111</u>	Seminar in Fashion Management
FMGT	1301	Computer Applications in Fashion
FMGT	1305	Introduction to Fashion Management
FMGT	<u>1307</u>	Cultural Perspectives of Dress
FMGT	<u>1310</u>	Apparel Construction I
FMGT	<u>2341</u>	Textiles
FMGT	<u>2350</u>	Promotional Strategies in Fashion I

FMGT	3340	Textile Product Analysis
FMGT	4331	Promotional Strategies in Fashion II
FMGT	4350	Global Fashion Economics
FMGT	4382	Portfolio

3. Choose one of the following courses:

- FMGT 3327, Fashion History
- FMGT 2323, Fashion History I
- FMGT 3323, Fashion History II

4. Fashion Design Concentration: 30 Semester hours

FADS	1305	Introduction to Fashion Design
FADS	1320	Apparel Construction II
FADS	2331	Flat Pattern
FADS	3320	Apparel Construction III
FADS	3325	Draping
FADS	3330	Advanced Design
FADS	3333	Fashion Illustration
FADS	4324	Surface Design
FADS	4332	Patternmaking Methods
FADS	4340	Computer Illustration
FADS	4350	Senior Collection I
FADS	4360	Senior Collection II

5. Electives to reach 120 hours, as needed

New Plan: BFA with a major in Fashion Design (125 hours)

1. Student must complete the general education core (43 hours).

2. Fashion Management Courses (34 hours):

FMGT	1111	Seminar in Fashion Management
FMGT	1301	Computer Applications in Fashion
FMGT	1305	Introduction to Fashion Management
FMGT	1310	Apparel Construction I
FMGT	2323	Fashion History I
FMGT	2341	Textiles
FMGT	3323	Fashion History II
FMGT	3340	Textile Product Analysis
FMGT	4307	Cultural Studies in Dress
FMGT	4331	Promotional Strategies in Fashion II

3. Fashion Design Concentration: 45 Semester hours

FADS	1305	Introduction to Fashion Design
FADS	<u>1320</u>	Apparel Construction II
FADS	<u>2331</u>	Flat Pattern
FADS	3320	Apparel Construction III
FADS	<u>3325</u>	Draping
FADS	<u>3330</u>	Advanced Design
FADS	<u>3333</u>	Fashion Illustration
FADS	4324	Surface Design
FADS	4332	Patternmaking Methods
FADS	<u>4340</u>	Computer Illustration
FADS	<u>4350</u>	Senior Collection I
FADS	<u>4360</u>	Senior Collection II
FADS	4382	Portfolio, Fashion Design
FADS	4388	Internship

4. Choose one of the following courses:

- FADS 4320, Couture Embroidery
- FADS 4310, Knitwear

5. Art Courses: 9 hours

Choose one of the following courses: ARTS 1301, Drawing I, or
ARTS 1311, Two Dimensional Design

Choose one of the following courses: ARTH 2361, Art History I, or
ARTH 2362, Art History II

Choose one of the following courses: ARTS 2301, Drawing II; ARTS
2320, Painting I; or INTD 2364, Color Theory

6. Electives to reach 120 hours, as needed

Traditional Plan: BA with a major in Fashion Management and a concentration in Fashion Merchandising (122 hours)

1. Student must complete the general education core (43 hours).

2. Fashion Management Courses (34 hours):

FMGT	<u>1111</u>	Seminar in Fashion Management
FMGT	1301	Computer Applications in Fashion
FMGT	1305	Introduction to Fashion Management
FMGT	<u>1307</u>	Cultural Perspectives of Dress
FMGT	<u>1310</u>	Apparel Construction I
FMGT	2341	Textiles
FMGT	<u>2350</u>	Promotional Strategies in Fashion I

FMGT	3340	Textile Product Analysis
FMGT	3383	Buying I
FMGT	4331	Promotional Strategies in Fashion II
FMGT	4350	Global Fashion Economics
FMGT	4382	Portfolio, Fashion Merchandising
FMGT	4388	Internship
FMGT	4395	Buying II

3. Choose one of the following courses:

- FMGT 3327, Fashion History
- FMGT 2323, Fashion History I
- FMGT 3323, Fashion History II

4. Fashion Merchandising: 27 Semester hours

ACCT	2311	Accounting I
BLAW	3317	Business Law
BMGT	3340	Management Theory and Practice
BMGT	3354	Human Resource Management
BMKT	3331	Principles of Marketing
BMKT	3333	Integrated Marketing Communications
BMKT	3340	Retailing

5. One course from the following

BMKT	3334	Service Marketing
BMKT	3377	Consumer Behavior

6. One additional three-hour marketing course

7. Electives to reach 120 hours, as needed

New Plan: BA with a major in Fashion Management and a concentration in Fashion Merchandising (125 hours)

1. Student must complete the general education core (43 hours).

2. Fashion Management Courses (34 hours):

FMGT	1111	Seminar in Fashion Management
FMGT	1301	Computer Applications in Fashion
FMGT	1305	Introduction to Fashion Management
FMGT	1310	Apparel Construction I
FMGT	2341	Textiles
FMGT	2350	Promotional Strategies in Fashion I
FMGT	3340	Textile Product Analysis
FMGT	3355	Fashion Operations Management I

FMGT	4331	Promotional Strategies in Fashion II
FMGT	<u>4350</u>	Global Fashion Economics
FMGT	<u>4382</u>	Portfolio, Fashion Merchandising
FMGT	4395	Buying II

3. Choose one of the following courses:

- FMGT 2323, Fashion History I
- FMGT 3323, Fashion History II
- FMGT 4307, Cultural Studies in Fashion

4. Choose one of the following courses:

- FMGT 4392, Study Tours
- FMGT 4388, Internship

5. Fashion Design/Interior Design: 12 hours

FADS	3335	Technical Line Development
FADS	4330	Fashion Product Development I
FADS	4337	Fashion Product Development II
INTD	2364	Color Theory

6. Business Administration: 30 Semester hours (student will automatically earn a minor in Business Administration)

ACCT	2311	Accounting I
ACCT	2312	Accounting II
BINT	3331	International Business Management
ECON	2302	Microeconomics
BLAW	<u>3317</u>	Business Law
BMGT	<u>3340</u>	Management Theory and Practice
BMKT	3331	Principles of Marketing
MIS	2321	Introduction to Information Systems

7. Plus six additional hours of upper-division marketing or management courses

8. Electives to reach 120 hours, as needed

New Plan: BA with a major in Fashion Management and a concentration in Fashion Product Development (125 hours)

1. Student must complete the general education core (43 hours).

2. Fashion Management Courses (34 hours):

FMGT	<u>1111</u>	Seminar in Fashion Management
FMGT	1301	Computer Applications in Fashion
FMGT	1305	Introduction to Fashion Management

FMGT	<u>1310</u>	Apparel Construction I
FMGT	2341	Textiles
FMGT	<u>3340</u>	Textile Product Analysis
FMGT	4331	Promotional Strategies in Fashion II
FMGT	<u>4350</u>	Global Fashion Economics
FMGT	<u>4382</u>	Portfolio, Fashion Merchandising

3. Choose one of the following courses:

FMGT 2323, Fashion History I

FMGT 3323, Fashion History II

FMGT 4307, Cultural Studies in Fashion

4. Choose one of the following courses:

FMGT 4392, Study Tours

FMGT 4388, Internship

5. Fashion Design/Interior Design: 24 hours

FADS 1305 Introduction to Fashion Design

FADS 1320 Apparel Construction II

FADS 2331 Flat Pattern

FADS 3332 Patternmaking Software

FADS 3335 Technical Line Development

FADS 4310 Knitwear

FADS 4330 Fashion Product Development I

FADS 4337 Fashion Product Development II

6. Business Administration: 27 Semester hours (student will automatically earn a minor in Business Administration)

ACCT 2311 Accounting I

ACCT 2312 Accounting II

BINT 3331 International Business Management

ECON 2302 Microeconomics

BLAW 3317 Business Law

BMGT 3340 Management Theory and Practice

BMKT 3331 Principles of Marketing

MIS 2321 Introduction to Information Systems

7. Plus three additional hours of upper-division marketing or management courses

8. Electives to reach 120 hours, as needed

EXTENDED ACADEMIC PROGRAMS

Business Administration

Change: Duplication in catalog; delete pages 280 through top of 283. Business Administration degree requirements begin on page 283 and go through 287, middle of page.

Effective: Immediately

D e s c r i p t i o n o f C o u r s e s

Change: Added credit hour definition

Effective: Summer 2014

Refer to “Academic Regulations” section earlier in this document

BANKING AND FINANCE (BFIN)

BFIN 3310, Principles of Financial Planning

Change: Change course title to Personal Financial Planning

Change: Updated prerequisite to allow override of prerequisites by instructor’s signature

Effective: Summer 2014

BFIN 3321, Principles of Financial Management

Change: Updated prerequisite, removed BFIN 2302 as prerequisite

Effective: Summer 2014

BFIN 3326, Risk Management and Insurance

Change: Elimination of the Prerequisite. BMDS 3370 no longer required

Effective: Summer 2014

BFIN 4310, Estate Planning

Change: Updated description and prerequisite

Effective: Fall 2014

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 3310 or BFIN 3321. Cross-listed with BLAW 4310 and ACCT 4310. (Fall)

CHEMISTRY (CHEM)

CHEM 1110, Introductory Chemistry Lab

Change: New Course

Effective: Summer 2014

This laboratory course supports study in the fundamental principles of chemistry. Students are introduced to a variety of techniques and experiments which support and compliment materials for CHEM 1310 lecture. Prerequisite: Concurrent enrollment in CHEM 1310 or completion of CHEM 1310 with a grade of C or better. Fee.

CHEM 1120, Biological Chemistry for Health Professions Lab

Change: New Course

Effective: Summer 2014

This laboratory course provides practical, hands-on work with concepts covered in CHEM 1320 as well as review of other related concepts useful for students pursuing careers related to health care. Prerequisite: concurrent enrollment in CHEM 1320 or completion of CHEM 1320 with a grade of "C" or better. Fee.

CHEM 1310, Introductory Chemistry I

Change: Title change, from Biological Chemistry I

Change: Updated course description:

Effective: Summer 2014

This course studies fundamental principles of general and organic chemistry. The topics include chemical and physical changes, atoms and molecules, states of matter, chemical bonding, reactions, kinetics and equilibrium, acids and bases and an introduction to organic chemistry. Prerequisite: students with bridging math requirements for MATH 0318 must complete it before registering for this course.

CHEM 1320, Biological Chemistry for Health Professions

Change: Title change, from Biological Chemistry I

Change: Updated course description:

Effective: Summer 2014

This course covers general, organic, and biological chemistry topics that are most relevant to biological sciences and human health.

Prerequisite: Successful completion of high school chemistry and placement in college level mathematics according to SAT or ACT score, UIW chemistry placement test, or completion of CHEM 1310. Students taking CHEM 1320 should also enroll in CHEM 1120 unless they have already passed it with a grade of "C" or better.

CRIMINAL JUSTICE (CRJU)

CRJU 3367, Sex Offenders

Change: New Course

Effective: Fall 2014

This course examines the history and nature of sex offenders in the criminal justice system, emphasizing the role of sex offenders in the criminal justice system and in the criminalization processes. Prerequisite: CRJU 1311

CRJU 3369, Comparative Criminal Justice Systems

Change: New Course

Effective: Fall 2014

The course is designed to introduce the student to the workings, organization, and impacts of different criminal justice systems around the world. The course content will expose the student to the different components of international criminal justice systems including, but not limited to, international issues in criminal law, law enforcement, courts and criminal procedure, prisons, parole, probation, and various agencies that administer those laws and programs. Prerequisite: CRJU 1311

CRJU 3372, Women in Crime and Criminal Justice

Change: New Course

Effective: Fall 2014

This course examines the history and nature of women in crime and criminal justice, emphasizing the role of females in the criminal justice and in the delivery of crime. Prerequisite: CRJU 1311 Prerequisite: CRJU 1311

CRJU 4490, Drug Use Prevention and Interventions

Change: New Course

Effective: Fall 2014

In this course, students will be introduced to various types of drug abuse prevention, psychotherapies, and learn how these are integrated

into a comprehensive community approach to reduce drug addiction. Drug abuse and dependence as a risk factor for other social problems and implications for policy change are explored within a social justice framework. This course meets the Texas Certification Board of Addition Professionals' prerequisites for certification as a 'Certified Prevention Specialist' by providing the student with half of the 100 required hours in ATOD prevention training. Prerequisite: PSYC 1301 and PSYC 3325 or permission of instructor.

ENGINEERING (ENGR)

ENGR 1201, Introduction to Engineering

Change: Updated course description

Effective: Fall 2014

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. The class is open to all interested students.

ENGR 1312, Engineering Design

Change: Updated course description

Effective: Fall 2014

This three-hour course is a continuation of concepts learned in Engineering Graphics, ENGR 1310. Students will gain experience with engineering design and technical writing. Topics will include: teamwork, the design process, problem solving using the computer, and the use of presentation tools. Prerequisite: ENGR 1310

ENGR 2330, Engineering Probability and Statistics

Change: New Course

Effective: Fall 2014

This course covers probability theory, descriptive statistics, random variables, discrete and continuous probability distributions, functions of random variables, hypothesis testing, correlation, and linear regression for engineers. Rigorous mathematical concepts will be tied to engineering system issues such as characterizing uncertainty due to measurement error, component and system tolerances, and noise sources. The course will incorporate the use of MATLAB software in statistics. Prerequisites: MATH 2313 and ENGR 1312 with a grade of C or better.

ENGR 2340, Computer Programming for Math, Sciences, and Engineering

Change: Updated Course description; Updated prerequisites

Effective: Fall 2014

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 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. It will not counted toward the required mathematics credit on the Core. Prerequisites: MATH 2322 and ENGR 1201 with a grade of C or better.

ENGR 3340, Numerical Methods and Advanced Programming for Engineers

Change: Updated title from Engineering Analysis to Numerical Methods and Advanced Programming for Engineers; Updated course description and prerequisites

Effective: Fall 2014

Students will study vector algebra, force systems, free body diagrams and engineering applications of particle equilibrium, centroids, and moments of inertia. Prerequisite: MATH 2314, ENGR 2330 and ENGR 2340 with a grade of C or better.

ENGR 3350, Statics

Change: Updated Title from Statics and Dynamics to Statics; Updated course description and prerequisites

Effective: Fall 2014

Students will study vector algebra, force systems, free body diagrams and engineering applications of particle equilibrium, centroids, and moments of inertia. Prerequisite: ENGR 3430 with a grade of C or better.

ENGR 3430, Engineering Analysis

Change: New Course

Effective: Fall 2014

Application of mathematical principles to the analysis of engineering problems using linear algebra and ordinary differential equations (ODE's). 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 equations of an ODE; systems of coupled first-order ODE'S; matrix addition and multiplication; solution 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. The course will incorporate the use of MATLAB software in engineering analysis. This course includes both lecture and lab. Prerequisites: MATH 2314, PHYS 2306, and ENGR 3340 with a C or better.

ENGR 3462, Circuit Analysis and Lab

Change: Updated title from Electronic Circuitry and Lab to Circuit Analysis and Lab

Effective: Fall 2014

ENGR 3462, Electronics

Change: New Course

Effective: Fall 2014

This course includes both lecture and lab experiences. Students will study signal and amplifier concepts, operational amplifiers, diodes, bipolar junction transistors, biasing, small and large signal analysis, and transistor amplifiers. This course includes both lecture and lab. Prerequisite: ENGR 3460 with a grade of C or better.

ENGR 4375, Thermodynamics

Change: Updated Course Description

Effective: Fall 2014

Students will study heat, work, and the kinetic theory of gases, equations of state, thermodynamic systems, the laws of thermodynamics, reversible and irreversible processes, the conservation of energy, and basic thermodynamic cycles. Prerequisite: PHYS 2305 with a grade of C or better.

ENGR 4490, Senior Capstone

Change: Updated title Senior Project to Senior Capstone; updated course description

Effective: Fall 2014

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. Prerequisites: Permission of

advisor required. This course is for graduating seniors and should be taken during the final semester of the degree plan.

FASHION DESIGN (FADS)

FADS 1320, Apparel Construction II

Change: Updated course description

Effective: Summer 2014

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. Co-Requisite: FADS 2331; instructor's signature required. Fee.

FADS 2331, Flat Pattern

Change: Updated course description

Effective: Summer 2014

Introduction to industrial pattern manipulations, principles, and techniques. Prerequisites: FMGT 1310. Co-Requisite: FADS 1320; instructor's signature required. Fee.

FADS 3312, Patternmaking Methods

Change: Updated course description

Effective: Summer 2014

Study and application of intermediate level of techniques that incorporate all types of patternmaking methods. Prerequisites: Successful completion of Skills Assessment/Portfolio Review 1; FADS 3325; instructor's signature required. Fee.

FADS 3320, Apparel Construction III

Change: Updated course description

Effective: Summer 2014

Course content focused on projects to develop advanced level skills in apparel construction and fitting methods. Course projects require the use of industrial sewing equipment. Prerequisites: FADS 3312: Patternmaking Methods and instructor's signature required. Fee.

FADS 3332, Patternmaking Software

Change: New Course

Effective: Summer 2014

Introduction to the use of patternmaking software used in apparel manufacturing; introduction in line development via classification

systems and costing procedures. A manufacturing managerial perspective is used in regard to sourcing, factory output, and vendor/retailer relations. Prerequisites: FADS 1320 and FADS 2331. Fee.

FADS 3325, Draping

Change: Updated course description

Effective: Summer 2014

An 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 designs. Prerequisites: Successful completion of the Skills Assessment/Portfolio Review 1; FADS 1320 and FADS 2331. Instructor's signature required. Fee.

FADS 3330, Advanced Design

Change: Updated course description

Effective: Summer 2014

The course combines all design responsibilities as practiced by the fashion industry: inspiration documentation, design experimentation; and apparel production techniques. Prerequisites: FADS 3320; instructor's signature required. Fee. (Spring)

FADS 3333, Fashion Illustration

Change: Updated course description

Effective: Summer 2014

Introduction to a variety of drawing techniques used to render fashion figures, textiles, apparel, and flats. Special emphasis will be given to portfolio development. Prerequisites: FMGT 1305 or FADS 1305 and FMGT 1310. Fee.

FADS 3335, Technical Line Development

Change: New Course:

Effective: Summer 2014

The study and application of process for creating mass-market private label apparel lines. The course will include the use of industry appropriate software, design techniques, and merchandise management from concept to delivery of final goods to retailers. Prerequisite: FMGT 3340; instructor's signature required. Fee.

FADS 4310, Knitwear

Change: New Course

Effective: Summer 2014

Study and application of beginning to intermediate techniques of patternmaking and construction methods for stretch fabric garments and/or sweaters. May be repeated for credit up to 3 times.

Prerequisites: FADS 1320 and 2331; Instructor's Signature. Fee.

FADS 4330, Fashion Product Development I

Change: Updated course description and title

Effective: Summer 2014

The application of both design and merchandising perspectives to simulate fashion product line methods for the mass market. Students will focus upon manufacturing processes for pre-production. Such work could include pattern making, style modifications, planning multiples, specification packages, quality assessments, and costing evaluations. Course prerequisites: FADS 3335, Technical Line Development with a grade of B- or higher; Instructor signature required. Fee.

FADS 4335H, Honors Topics in Fashion Design

Change: Updated course description

Effective: Summer 2014

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.

FADS 4337, Fashion Product Development II

Change: New Course

Effective: Summer 2014

The application of both design and merchandising perspectives to simulate fashion product line methods for the mass market. Student teams will focus on brand management strategies to unite private label development with retail merchandising techniques and sales analytics. Course prerequisites: FADS 4330 with a grade of B- or higher; Instructor signature required. Fee.

FADS 4340, Computer Illustration

Change: Updated course description

Effective: Summer 2014

The application of software programs used by the fashion industry to render/edit fashion figures, flats, portfolio layouts, and fashion boards.

Prerequisites: FMGT 1305; FADS 3333; instructor's signature required. Fee.

FADS 4350, Senior Collections I

Change: Updated course description

Effective: Summer 2014

Course emphasis is on pattern and sample development for an original fashion collection. Prerequisites: FADS 3330 and successful completion of the Assessment/Portfolio Review II with a grade of B- or higher. Instructor's signature required. Fee.

FADS 4360, Senior Collections II

Change: Updated course description

Effective: Summer 2014

Course emphasis is on final garment construction based on 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.

FADS 4388, Internship, Fashion Design

Change: Updated course description

Effective: Summer 2014

Supervised work experience in an approved work environment focused on garment design; must work at least 150 hours on the job within the semester enrolled. May be repeated for credit, up to 9 hours. Prerequisites: 9 hours in upper division courses in FADS or permission of the instructor. Fee.

FASHION MANAGEMENT (FMGT)

FMGT 1301, Computer Application in Fashion

Change: Updated course description and title

Effective: Summer 2014

This course is an introduction to the use of creative software programs used within the fashion industry. The course is a basic overview of computer graphic techniques such as image development and layout methods. Topics include computer graphics concepts, terminology, processes and procedures. May not be repeated for credit. Fee.

FMGT 2341 Textiles

Change: Updated course description

Effective: Summer 2014

An introduction to textiles that provides a broad view of the development, production, and utilization of fabrics and the impact on garment design, construction, and costing. The characteristics of different fibers, yarns, and finishes are investigated. Prerequisites: FMGT 1305; FMGT 1310. Fee.

FMGT 2350, Promotional Strategies in Fashion

Change: Prerequisite Update

New requirement: FMGT 2341

Effective: Summer 2014

FMGT 3355, Fashion Operations Management I

Change: New Course

Effective: Summer 2014

Introduction to the sales techniques used to monitor sales goals and production for both manufacturing and retail operations. Managerial perspectives are introduced through use of labor laws, employee productivity, mission statements, philanthropy, and vendor/retailer relations. Prerequisites: FMGT 1305 and ACCT 2312. Fee.

FMGT 4335, Portfolio, Fashion Management

Change: New Course

Effective: Summer 2014

The course focus is to prepare students for the transition from a college lifestyle to a professional lifestyle. Course topics such as career choices and development within the fashion industry, organizing the job search, resume development, different types of business correspondence, and interviewing techniques. Prerequisites: junior standing. Fee.

FMGT 4350, Global Fashion Economics

Change: Prerequisite Update

New requirement: FMGT 3340; ECON 2301; BMKT 3331.

Effective: Summer 2014

GOVERNMENT (GOVT)

GOVT 2325, Social Science Research Methods

Change: Change course number from GOVT 2300 to GOVT 2325

Effective: Fall 2015

GOVT 3352, Politics of the Middle East

Change: New Course

Effective: Fall 2014

This course is designed to serve as an introduction to the study of politics in the Middle East. Students will develop a core body of knowledge concerning the political systems in the Middle East. Students will also be introduced to the political systems of selected nation-states in the Middle East. Prerequisites: GOVT 2310 or HIST 2332 (or permission of instructor).

GRAPHIC DESIGN (GDSN)

GDSN 2310, Graphic Design I: Introduction to Visual Communication

Change: Course description update

Effective: Fall 2014

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.

GDSN 3130, Concepting Workshop

Change: New Course

Effective: Summer 2014

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 2300

HISTORY (HIST)

HIST 2341, Writing in History

Change: Updated Title to Foundations of Historical Research and updated prerequisites

Effective: Summer 2014

Prerequisites: HIST 1311, HIST 1312, HIST 1321, or HIST 1322

HIST 3305, Introduction to Public History

Change: New Course

Effective: Summer 2014

This course will survey the practice of history in public venues, including government agencies, historical societies, archives, museums, businesses, and various professional organizations. Central themes include the interpretation of history, the role of history in popular culture, issues and aims in exhibiting history, the politics of public history, and historic preservation. Prerequisite: HIST 2341. May not be repeated for credit. **This course does not fulfill the Core Social Science requirement.**

HIST 4320, American Women's History

Change: New Course

Effective: Summer 2014

This course will put women at the center of the historical discussion. It will trace a number of different interrelated themes from the early 19th century to the present to help students better understand the changing conditions and ideas about unpaid housework and paid work, relations between different groups of women, and the way relations of power have shaped those interactions. Finally, students will learn about the ongoing struggle for political rights and the changing notions of "proper" roles for women. **This course does not fulfill the Core Social Science requirement.**

HIST 4330, War and Society

Change: New Course

Effective: Summer 2014

This course examines traditional military strategies and surveys the economic, social, and cultural history of war by looking at wartime propaganda, military culture, and the material and emotional experience of the noncombatant. Finally, the course examines the blurring of historical distinctions between "war" and "peace" and what that means for society. **This course does not fulfill the Core Social Science requirement.**

HIST 4340, History of Afghanistan

Change: New Course

Effective: Summer 2014

This course surveys the ancient, medieval and modern history of Afghanistan, thematically and topically. Themes in this course will explore how the different factors, political, social, and economic, religion and religious identities, gender, colonialism, nationalism and revolution and lastly international intervention have shaped and molded the country's history. The course will also look at 21st century issues of human rights, Taliban and Al-Qaeda, international intervention, conflict and terrorism, and the politics of opium in the region. **This course does not fulfill the Core Social Science requirement.**

HIST 4345, Global Refugees

Change: New Course

Effective: Summer 2014

This course will examine the Global Refugee crisis. The course will explore themes such as conflict, natural disasters and other issues leading to human displacement and refugees, the International Refugee Protection regime, refugee rights and human rights, camp life and conditions, and third country resettlement, especially in America. The course will include a Service Learning component which will allow the students an opportunity to volunteer with the refugees resettled in America and learn their stories first hand. **This course does not fulfill the Core Social Science requirement.**

HONORS (HONP)

HONP 41RCH, Honors Senior Project

Change: New Course

Effective: Fall 2014

A capstone course for students in the Honors Program with a focus on the in-depth exploration of their discipline culminating in a research paper or creative project. This one credit course will be taken during three consecutive semesters. Prerequisite: Approval of the research project proposal. This course is restricted to students in the UIW Honors Program.

HONP 43RCH, Honors Senior Project

Change: New Course

Effective: Fall 2014

A capstone course for students in the Honors Program with a focus on the in-depth exploration of their discipline culminating in a research paper or creative project. Prerequisite: Approval of research project proposal. This course is restricted to Honors Program students only.

MATHEMATICS (MATH)

MATH 2332, Foundations of Probability and Statistics

Change: Number changed to MATH 3331

Effective: Summer 2014

METEOROLOGY

METR 3365, Atmospheric Physics

Change: Title change from Physical Meteorology

Effective: Fall 2014

MUSIC, APPLIED (MUAP)

MUAP 1244, 1254, 1255, 1276, and 1277

Change: Change course credit to one hour and update course number

Effective: Summer 2014

1244 becomes 1144, 1 hour credit

1254 becomes 1154, 1 hour credit

1255 becomes 1155, 1 hour credit

1276 becomes 1176, 1 hour credit

1277 becomes 1177, 1 hour credit

MUSIC AND ENSEMBLE (MUSI)

MUSI 1110, Freshman Music Seminar

Change: New Course

Effective: Fall 2014

This course introduces freshman music majors to core repertory, health and safety issues, and career options for musicians. Students will listen to representative musical works, in recorded and occasionally live performance, and develop basic literacy in a variety of musical styles. Students will learn about the maintenance of health and safety within the context of practice, performance, teaching, and listening. Various career options in music will be introduced by faculty, guests speakers, or visiting artists. This course must be taken twice. (Fall, Spring)

MUSI 3101, Instrumental Techniques and Pedagogy

Change: Updated prerequisite

Effective: Fall 2014

Prerequisite updated to require MUSI 1321

MUSI 3101, Woodwind Instrumental Techniques

Change: Updated prerequisite

Effective: Fall 2014

Prerequisite updated to require MUSI 1321

MUSI 3103, Brass Instrumental Techniques

Change: Updated prerequisite

Effective: Fall 2014

Prerequisite updated to require MUSI 1321

MUSI 3105, String Instrumental Techniques

Change: Updated prerequisite

Effective: Fall 2014

Prerequisite updated to require MUSI 1321

MUSI 3107, Percussion Instrumental Techniques

Change: Updated prerequisite

Effective: Fall 2014

Prerequisite updated to require MUSI 1321

MUSI 4110, Instrumental Techniques and Pedagogy

Change: New Course

Effective: Fall 2014

Instrumental Techniques and Pedagogy is designed to prepare prospective teachers for the middle and high school instrumental music classroom. It will serve to define the expectations and responsibilities of the secondary music director and develop effective instructional skills needed to create a successful secondary instrumental music program.

MUSIC INDUSTRY STUDIES (MUST)

Change: Deletion of Courses

Effective: Fall 2004

MUST 2325, Studio Arranging. Course number changed to junior level and sophomore level course deleted from catalog.

Change: New Courses

Effective: Fall 2004

MUST 3300, Studio Arranging

Basic musical arranging techniques using Macintosh-based MIDI-sequencing software to prepare musical arrangements for studio recording or live performance.

MUST 4300, Advanced Studio Arranging

Further development of all techniques learned in MUSI 3300, Studio Arranging, including advanced arranging techniques, scoring for the larger ensembles, incorporation of digital audio with the MIDI sequencing environment, and use of digital sampling technology.

MUSIC THERAPY (MUTH)

MUTH 1150, Class Voice for Music Therapy

Change: New Course

Effective: Fall 2014

This course is designed to build strong, basic vocal techniques in the Music Therapy student. These techniques are taught within the context of literature and "voice as a musical instrument" used in the music therapy clinical settings.

MUTH 2101, Class Guitar I for Music Therapy Majors

Change: New Course Number

Effective: Fall 2014

Changed from MUTH 2321

MUTH 2102, Class Guitar II for Music Therapy Majors

Change: New Course Number

Effective: Fall 2014

Changed from MUTH 2322

PHILOSOPHY (PHIL)

PHIL 4350, Bioethics

Change: New Course

Effective: Summer 2014

This course is a philosophical exploration of the ethical issues relating to life in general and human life in particular, with special attention

being paid to the ethics of health care. Topics may include the treatment of animals, stewardship of the environment, abortion, euthanasia, biotechnological enhancement, the justice of health care distribution, matters of professional ethics for health care professionals, and a variety of other bioethical issues. Prerequisite: PHIL 1381 (As needed)

U n i v e r s i t y D i r e c t o r y

1. Academic Administration

Dean, College of Humanities, Arts,
and Social Sciences Dr. Donna B. Aronson
Assistant Dean, College of Humanities, Arts, and Social
Sciences Dr. Lydia Andrade
Acting Dean, Dreeben School of Education Dr. Denise Staudt
Dean, School of Extended Studies Vince Porter
Dean, School of Graduate Studies and Research Dr. Michael Mulnix
Dean, School of Pharmacy Dr. Arcelia Johnson-Fannin
Dean, Virtual University Dr. Cyndi Wilson Porter
Dean, University Preparatory Programs Daniel Ochoa
Director, Support Services
for Students with Disabilities Dawn Van Den Bosch
Director, Campus Ministry Elizabeth Villarreal
Director, Student Center/Leadership
Development Dr. Angela McPherson Williams

2. Administration Changes

Director, Technology Training Sara Boettcher
Director, Public Relations Jennifer Roof Laster

3. International Programs

Vice President for International Programs Dr. Patricia Watkins
Director, International Initiatives Norman St. Clair

4. Faculty Professor Emeritus

Margaret Bray Stapper, Assistant Professor of Health Education