

FLORIDA INTERNATIONAL UNIVERSITY

CURRICULUM COMMITTEE BULLETIN



CURRICULUM COMMITTEE BULLETIN #2

November 12, 2003

The following curriculum information is presented to the University Community for its consideration. In accordance with the procedures of the University Curriculum Committee, objections to all proposed new courses, programs, or program/course modifications should be communicated, in writing, within two weeks of the publication date of this bulletin, to Professor Rosalie Hallbauer (Curriculum Committee), School of Journalism & Mass Communication, Professor Leonard Bliss (Graduate Council), CHUA, or TBA (Undergraduate Council), College of Arts & Sciences.

HEARINGS

NAME: ASIAN STUDIES GRADUATE CERTIFICATE
COLLEGE: COLLEGE OF ARTS & SCIENCES
DATE: Friday, November 21, 2003
TIME: 11:10-11:40 AM
PLACE: DM 441 University Park, ACI-306 Biscayne Bay Campus
CONTACT: Steven Heine, Director, Institute for Asian Studies Graduate Council Hearing

NAME: CERTIFICATE IN HISTORY AND THEORY OF ARCHITECTURE FOR GRADUATE STUDENTS
SCHOOL: SCHOOL OF ARCHITECTURE
DATE: Friday, November 21, 2003
TIME: 11:45-12:15 PM
PLACE: DM 441 University Park, ACI-306 Biscayne Bay Campus
CONTACT: Nathaniel Belcher, Assistant Dean, School of Architecture Graduate Council Hearing

NAME: CERTIFICATE IN ADVANCED DIGITAL DESIGN FOR GRADUATE STUDENTS (CAAD)
SCHOOL: SCHOOL OF ARCHITECTURE
DATE: Friday, November 21, 2003
TIME: 12:20-12:50 PM
PLACE: DM 441 University Park, ACI-306 Biscayne Bay Campus
CONTACT: Nathaniel Belcher, Assistant Dean, School of Architecture Graduate Council Hearing

UNDERGRADUATE CERTIFICATE PROGRAMS (No hearing)

- CERTIFICATE IN ADVANCED DIGITAL DESIGN FOR UNDERGRADUATE STUDENTS (CADD)**
The School of Architecture has identified a significant need to take conceptual ideas or construction documentation and transform them into cutting-edge marketable 3D multimedia presentations. Using industry-proven techniques, CADD will help upgrade the skills and technology of the graphics-oriented designer. The certificate is available to architecture and interior design undergraduate students in the FIU School of Architecture. The program is divided into two areas of study: the 3D Track and the New Media Track. The 3D tract will be driven by courses that focus on content creation, such as modeling, rendering, and animation. The new media track will consist of courses that focus on content presentation such as web design, interactive media, and visual effects. We are requesting to offer a certificate program in Computer Aided Digital Design at the undergraduate level. The certificate will require 18 semester credit hours.
Contact: Nathaniel Belcher, Assistant Dean, School of Architecture

2. **PROPOSAL FOR UNDERGRADUATE CERTIFICATE IN HISTORY AND THEORY OF ARCHITECTURE**

Justification for a Certificate Program in History and Theory of Architecture

Architectural design increasingly requires a thorough understanding of complex physical and cultural environments. As a part of regular practice, architects are called upon to engage existing urban fabric and diverse cultural expectations such that many require historical and cultural research as a routine part of architectural site investigations. The profession values such skills highly when they are integrated with design ability.

All faculty members who teach courses in History and Theory in the SOA either are currently or have been practicing professionals. This faculty is well suited to offer a concentration in History and Theory integrated with design that will be recognized by the profession.

A number of our students have also expressed a particular interest in History and Theory as well as an interest in pursuing a career that includes teaching. A concentration in History and Theory of Architecture would allow such students to develop their academic skills within the context of a design degree. A certificate program would also offer an opportunity for students to engage the College of Arts and Sciences within a programmatic structure. A certificate would recognize their academic achievements as they compete for entry to Graduate School.

Students who pursue the certificate would contribute their skills to the studio and add to the intellectual atmosphere of our design community

Program Objectives

1. To offer students a structured course of study in History and Theory integrated with design.
2. To improve quality of SOA design community by providing graduates with a broader academic background.
3. To engage the larger academic community within the University

Course Descriptions:

ARC 2701 History of Design: Ancient to XIII

Comprehensive study of design and construction techniques from prehistory to the thirteenth century including western and non-western traditions

ARC 2702 History of Design: XIII to XIX

Comprehensive study of design and construction techniques from the thirteenth century to the mid-nineteenth century including western and non-western traditions

ARC 3243 Introduction to Design Theories

Introduction to the environmental parameters, morphological concepts and ideological principles that generate form and meaning in architecture and landscape architecture

ARC 4030 Film and the Architecture of Modern Life
Critical Overview of social and spatial implications of film on architecture and design over the course of the 20th century

ARC 4227 Gender and Architecture

A theoretical, visual, and professional exploration of women's and men's roles, identities, and histories in public and private built environments

ARC 4730 Culture and Art in Italy

Course describes the evolution of culture and aesthetics and their immediate relationship with the creation of art works. Site visits and lectures in Rome

ARC 4752 Architectural History of the Americas

Historical analysis of the development of built forms and styles in tropical and subtropical America, investigating their socio-political and artistic context.

ARC 4754 Asian and African architecture

Comprehensive study of architectural forms, styles, and construction techniques in Asia and Africa.

ARC 4755 The Architecture of the City

To analyze the layering that composes Rome's urban form and to offer a necessary basis of historical and theoretical information in order to take advantage of the Roman experience. Different periods of history of Rome are presented in lectures and site visits in Rome

ARC 4783 History of Design XIX to XXI

Study of the development of architecture forms, styles and theories of the 19th and 20th centuries in relation to the socio-political and artistic evolution of the designed environment.

ARC 4910 Research Methods

Research methodology in design fields focusing on data acquisition, analysis and interpretation. This seminar will introduce students to the research, analysis, and writing skills required for architecture as a discipline and a profession.

ARC 4799 The Architecture and Landscape Architecture of South Florida

Overview of the natural resource, cultural traditions and architectural precedents which have formed the regionalist architecture and landscape architecture of South Florida

ARC 4905 Independent Study in History/Theory

Specialized individual studies under supervision of faculty advisor.

3. **PROPOSAL FOR UNDERGRADUATE CERTIFICATE IN PRE-MEDICAL/PRE-HEALTH PROFESSIONS CERTIFICATE (Contact Barbara Roller)**

Name of Proposing Unit and School/College

College of Arts & Sciences

Objectives of the Proposed Certificate Program

This 14-15 credit certificate is being proposed in order to:

1. Provide the University and the Pre-med Advisor with a means to identify, advise and track students seeking admission to medical professions schools and programs.
2. Enhance the performance of FIU students taking the MCAT examinations.
3. Prepare students for the demands of medical school or other health professional programs.
4. Guide students intending to pursue careers as medical professionals into necessary and appropriate coursework.
5. Inform students of the process of entrance requirements and application procedures for medical school and other health-professions programs.
6. Inform students of the options and realities of careers in the medical professions
7. Furnish those students considering a career in medicine with a broader perspective on the medical professions.

Briefly describe the interdisciplinary nature of the proposed certificate program:

While the focus of the program is training to enhance a student's performance on the health professions exams (MCAT, DAT, etc.) exams and later in Health Professions Schools and Programs, it is necessarily an interdisciplinary program requiring students to take course work in the humanities or social sciences as well as the biological and physical sciences.

Show evidence that the library and/or Laboratory Resources are Available to Accommodate the Proposed Certificate Program

The certificate program, for the most part, formalizes the recommended program of study which FIU has been advising students to follow. Since this is just a formalization of pre-existing curricula tracks and uses, for the most part, pre-existing, regularly offered courses, this certificate program should make minimal new demands on existing resources.

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL

SCHOOL OF ARCHITECTURE

CONTACT: Nathaniel Belcher

FIU School of Architecture
 Submission to Faculty Senate Curriculum Committee
 Bachelor of Design in Architectural Studies
 Lower Division Common Core Change
 Second Request*

Existing Curriculum Undergraduate Course Catalog 2003-2004
 Lower division Common Core

Course		credits
ARC 1131	Design Graphics 1	3
ARC 1301	Design Studio 1	4
ARC 1461	Materials and Methods of Design	3
ARC 1132	Design Graphics II	3
ARC 1302	Design Studio 2	4
ARC 2303	Design Studio 3	4
ARC 2304	Design Studio 4	4
BCN 2402C*	Structures	3
ARC 2701	History of Design from Ant. To Middle Ages	3
ARC 2702	History of Design from the ren to XIX Cent.	3

* This request was initially submitted October of 2002 34
 Requested by:

Proposed Curriculum Undergraduate Course Catalog 2004-2005
 Lower division Common Core

Course		credits
ARC 1131	Design Graphics 1	3
ARC 1301	Design Studio 1	4
ARC 1461	Materials and Methods of Design	3
ARC 1132	Design Graphics II	3
ARC 1302	Design Studio 2	4
ARC 2303	Design Studio 3	4
ARC 2304	Design Studio 4	4
ARC 2580	Structures and Systems	3
ARC 2701	History of Design from Ant. To Middle Ages	3
ARC 2702	History of Design from the ren to XIX Cent.	3

FIU School of Architecture
 Submission to Faculty Senate Curriculum Committee
 Bachelor of Science in Interior Design
 Lower Division Common Core Change
 Second Request*

Existing Curriculum Undergraduate Course Catalog 2003-2004
 Lower division Common Core

Course		credits
ARC 1131	Design Graphics 1	3
ARC 1301	Design Studio 1	4
ARC 1461	Materials and Methods of Design	3
ARC 1132	Design Graphics II	3
ARC 1302	Design Studio 2	4
CGS 2060	Introduction to Microcomputers (M)	3
ARC 2303	Design Studio 3	4
ARC 2701	History of Design from Ant. To Middle Ages	3
IND 2114	Interior Design 4	4
IND 2100	History of Interiors I	4
IND 2130	History of Interiors II or equivalent	3

* This request was initially submitted October of 2002 37
 Requested by:

Proposed Curriculum Undergraduate Course Catalog 2004-2005
 Lower division Common Core

Course		credits
ARC 1131	Design Graphics 1	3
ARC 1301	Design Studio 1	4
ARC 1461	Materials and Methods of Design	3
ARC 1132	Design Graphics II	3
ARC 1302	Design Studio 2	4
ARC 2303	Design Studio 3	4
ARC 2304	Design Studio 4	4
ARC 2580	Structures and Systems	3
ARC 2701	History of Design from Ant. To Middle Ages	3
ARC 2702	History of Design from the ren to XIX Cent.	3

FIU School of Architecture
 Submission to Faculty Senate Curriculum Committee
 Bachelor of Design in Architectural Studies
 Upper Division Program Change *

Existing Curriculum Undergraduate Course Catalog 2003-2004
 Upper Division Program Change

Course		credits
ARC 3243	Design Theories	3
ARC 3463	Materials and Methods of Construction II	3
ARC 4058	Computer Applications in Architecture	3
ARC 4270	Professional Office Practice	3
ARC 4324	Architectural Design 5	4
ARC 4335	Architectural Design 6	4
ARC 4342	Architectural Design 7	4
ARC 4343	Architectural Design 8	4
ARC 4553	Structural Design	4
ARC 4783	History of Design from XIX Cent. To present	3
ARC 4910	Research Methods	3
ARCLAA	History of Theory Elective	3
BCN 4561C	Environmental Controls	3
BCN 4564	Environmental Controls in Bldgs 2	3

*Course Title and number changes only 47
 Requested by:

Proposed Curriculum Undergraduate Course Catalog 2004-2005
 Upper Division Program Change

Course		credits
ARC 3243	Design Theories	3
ARC 3463	Materials and Methods of Construction II	3
ARC 4058	Computer Applications in Architecture	3
ARC 4270	Professional Office Practice	3
ARC 4320	Architectural Design 5	4
ARC 4321	Architectural Design 6	4
ARC 4322	Architectural Design 7	4
ARC 4323	Architectural Design 8	3
ARC 4553	Structural Design	4
ARC 4783	History of Arch from XIX Cent. To present	3
ARC 4910	Research Methods	3
ARCLAA	History of Theory Elective	3
BCN 4561C	Environmental Controls	3
BCN 4564	Environmental Controls in Bldgs 2	3

FIU School of Architecture
 Submission to Faculty Senate Curriculum Committee
 Bachelor of Science in Interior Design
 Upper Division Program Change

Existing Curriculum Undergraduate Course Catalog 2003-2004
 Upper Division Program Change

Course		credits
ARC 3243	Design Theories	3
IND 2423	Sources, Materials & Cost Est. for IND	3
ARC 4058	Computer Applications in Architecture	3
IND 4501	Professional Office Practice	3
IND 3215	Interior Design 5	4
IND 4225	Interior Design 6	4
IND 4226	Interior Design 7	4
IND 4943	Interior Design 8	4
IND 4943	Interior Design Resreach	1
IND 3451	Interior Design Construction Drawing I	3
IND 3455	Interior Design Construction Drawing II	3
IND 2430	Lighting Design	3
BCN 4561C	Environmental Controls I	3
IND 4411C	Furniture Design	3
IND 4311	Media & Methods of Presentation	3

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Proposed Curriculum Undergraduate Course Catalog 2004-2005
 Upper Division Program Change

Course		credits
ARC 3243	Design Theories	3
IND 3423	Sources, Materials & Cost Est. for IND	3
ARC 4058	Computer Applications in Architecture	3
IND 4501	Professional Office Practice	3
IND 3215	Interior Design 5	4
IND 3216	Interior Design 6	4
IND 4225	Interior Design 7	4
IND 4226	Interior Design 8	4
IND 4943	Interior Design Resreach	3
IND 3451	Interior Design Construction Drawing I	3
IND 4455	Advanced Construction Documents	4
IND 3430	Lighting Design	3
BCN 4561C	Environmental Controls I	3
IND 4311	Color Theory and Media	3

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PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

ART - Bachelor of Fine Arts in Art - Faculty Contact: Barbara Watts for all Art proposals:

University Curriculum Committee Changes to Existing Curriculum	University Curriculum Committee Changes to Existing Curriculum
<p>Name of the Program being changed: Bachelor of Fine Arts in Art</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History</p> <p>Old Program Requirements Degree Program Hours: 120 Lower Division Preparation Common Prerequisites: ARH 2050 Art History Survey I ARH 2051 Art History Survey II ARH 1201 Basic Design ART 1202 2-D Design ART 1203 3-D Design ART 2300 Drawing I ART 2301 Drawing II Completion of two of the following: ART 2330 Figure Drawing I ART 2752 Ceramics I ART 2150 Jewelry & Metals ART 2181 Glassblowing I ART 2400 Printmaking I ART 2500 Painting I ART 2702 Sculpture I ART 2705 Figure Sculpture I PGY 2401 Photography I <i>Remarks: The student who does not have an A.A. degree or who lacks proficiency in required courses, or both, will be expected to take more than 60 semester hours to complete the bachelor's degree, or to make up courses at the lower division level. To qualify for admission to the program, FTU undergraduates must have met all the lower division requirements including CLAST, completed 60 semester hours, and must be otherwise acceptable into the program.</i></p> <p>BFA ART Scholarships All Arts scholarships are awarded as a result of the faculty's Spring Review, usually in April. Students should contact the department at 348-2897 for information on procedures for participation in the Spring Review.</p> <p>Upper Division Program (64) Required Courses: (48) ARH 4450 Modern Art 3 ARH 4470 Contemporary Art 3 ARH Elective (upper division) 6 Studio Major 15 ART 3820/3821 Visual Thinking I & II 6 ART 4952/4953 Thesis I & II 6 ART, ARH, PGY Electives outside Studio Concentration 1 Electives outside of major 9</p>	<p>Name of the Program being changed: Bachelor of Fine Arts in Art</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History</p> <p>New Program Requirements Degree Program Hours: 120 Lower Division Art Core: ARH 2050 Art History Survey I 3cr ARH 2051 Art History Survey II 3cr ART 1202C 2-D Design 3cr ART 1203C 3-D Design 3cr ART 2300C Drawing I 3cr ART 2300C Figure Drawing I 3cr ART 2300C Studio Art Elective 3cr ART 2300C Studio Art Elective 3cr Total 24cr</p> <p><i>Remarks: Admission to the program requires completion of appropriate General Education Requirements, CORE, or UCC requirements, and the CLAST test requirement. Art majors must also complete the College of Arts and Sciences Language requirement.</i></p> <p>Upper Division Program Required Courses: ARH 4450 Modern Art 3cr ARH 4470 Contemporary Art 3cr ARH Electives (2) (upper division) 6cr Studio major concentration (5) 15cr ART & ARH Electives (4) 12cr ART 3820 & 3021 Visual Thinking I & II 6cr ART 4952 & 4953 Thesis I & II 6cr Electives outside of the Art Department 6-9cr Total 66cr</p> <p>BFA ART Scholarships All scholarships are awarded as a result of the faculty's Spring Review, usually in April. Students should contact the Department at 305 348-2897 or 305 348-6268 for information on procedures for participation in the Spring Review.</p>

Bachelor of Arts in Art History:

University Curriculum Committee Changes to Existing Curriculum	University Curriculum Committee Changes to Existing Curriculum
<p>Name of the Program being changed: Bachelor of Arts in Art History</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History</p> <p>Old Program Requirements The Art and Art History Department offers a BA in Art History that is designed to introduce students to the methodologies and subjects of Art History throughout the world. In addition to traditional European-American subjects from Ancient to Contemporary Art, the Art Department at FTU offers a strong emphasis on Latin American Art History, from the Pre-Columbian to the present. The BA provides professional education in Art History to prepare students for careers as art professionals and for graduate school. The BA complements one of the most highly regarded BFA programs in the country and encourages interaction between artists and historians. Students are required to take the following course: Lower Division Requirements (60 credits) Common Prerequisites: ARH 2050 Art History Survey I 3 ARH 2051 Art History Survey II 3 ART 1202 2-D Design 3 ART 1300 Beginning Drawing 3 or ART 2300 Drawing I 3 Foreign Language 10 (should be appropriate to area of study; all units must be in the same language) Core/General Education Electives 36 Electives 2</p> <p>Upper Division Requirements (60 credits) ARH 3791 Introduction to Art Historical Methodology 3 ARH 4450 Modern Art 3 ARH 4470 Contemporary Art 3 ARH Core: Choose one from each of the following areas: Renaissance/Baroque 3 19th Century 3 20th Century 3 Non-Western & Pre-Columbian 3 Latin American 3 ARH electives 6 Thesis (ARH 4970) 3 ART electives 3 Electives 24 at least 9 credit hours should be in the Humanities other than Art Department. <i>Note: students planning to go to graduate school should have competency in an appropriate language.</i></p>	<p>Name of the Program being changed: Bachelor of Arts in Art History</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History</p> <p>New Program Requirements The Department of Art and Art History offers a B.A. in Art History that is designed to introduce methodologies and subjects of Art History from throughout the world. In addition to traditional European and American subjects from ancient to modern times, we offer a strong emphasis on Latin American art from Pre-Columbian to the present. The B.A. in Art History provides professional education as preparation for careers as art professionals and for further graduate study. The B.A. complements our B.F.A. degree program in Art and provides significant interaction between artists and historians.</p> <p>Degree Program Hours: Minimum 120 Lower Division Requirements: ARH 2050 History Survey I 3cr ARH 2051 Art History Survey II 3cr ART 1202C 2-D Design 3cr ART 1300C Drawing I 3cr Foreign Language 10cr (While we require only that the University and College language requirements be met, it should be noted that some graduate programs require competence in Italian, German, or French.) <i>Remarks: Admission to the program requires completion of appropriate General Education Requirements, CORE, or UCC requirements, and the CLAST test requirement. Art History majors must also complete the College of Arts & Sciences Language requirement.</i></p> <p>Upper Division Requirements: ARH 3791 Introduction to Art History Methodology 3cr ARH 4450 Modern Art 3cr ARH 4470 Contemporary Art 3cr ARH Core: One course from each of these areas: Renaissance/Baroque 3cr 19th Century 3cr 20th Century 3cr Non-Western or Pre-Columbian 3cr Latin American 3cr ARH Electives (4) 12cr Art Elective 3cr ARH 4970 Art History Thesis 18cr Electives 18cr (At least 9 of these elective credits must be courses outside the Art & Art History Department. We encourage taking courses in the humanities that pertain to Art History.)</p>

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

ART - Masters of Fine Arts in Visual Arts - Faculty Contact: Barbara Watts for all Art proposals:

University Curriculum Committee Changes to Existing Curriculum	University Curriculum Committee Changes to Existing Curriculum
<p>Name of the Program being changed: Master of Fine Arts in Visual Arts</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History (See degree requirements attached pg. 78 of the 2003-2004 Graduate Catalog)</p> <p>Old Program Requirements The M.F.A. requires 60 semester hours of course work at the graduate level to be distributed as follows: Tutorial Instruction in Studio Area Concentration 30 Intro to Graduate Study in Visual Arts 3 Art History 12 Studio Art Seminar 3 Written Account of Work 6 Electives 6</p>	<p>Name of the Program being changed: Master of Fine Arts in Visual Arts</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History Degree requirements remain the same</p> <p>New Program Requirements The M.F.A. requires 60 semester hours of course work at the graduate level to be distributed as follows: Tutorial Instruction in Studio Area of Concentration 18cr Tutorial Instruction in Studio Electives 12cr ART 5930 Studio Pedagogy 1 cr ART 5939 Studio Art Seminar 3 cr ART 5796 Critical Studies in the Visual Arts 3 cr and (3) further Art History courses 9 cr ART 6971 Graduate Prospectus & Exhibition Preparation 3 cr ART 5907C Directed Study 3 cr Elective(s) 3 cr</p> <p>Note: The catalog descriptions for the following courses are for M.F.A. students as well as M.S. Art Education students.</p> <p>ART 5390C Drawing, ART 5391C Figure Drawing, ART 5400C Printmaking, ART 5500C Painting, ART 5740C Sculpture, ART 5792C Figure Sculpture, POY 5116C Color Photography, POY 5425C Photography</p>

Minor in Art:

University Curriculum Committee Changes to Existing Curriculum	University Curriculum Committee Changes to Existing Curriculum
<p>Name of the Program being changed: Minor in Art (18 credit hours; at least 9 upper division)</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History</p> <p>Old Program Requirements ARH Elective 3 ART 2300C Drawing I 3 ART 3331C Figure Drawing II 3 ART Studio Electives 12</p>	<p>Name of the Program being changed: Minor in Art (18 credit hours)</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History</p> <p>New Program Requirements ARH Elective 3cr ART 2300C or 2330C Drawing I or Figure Drawing 3cr ART Studio Electives (4) 12cr</p> <p>Note: A minimum of 9 credits must be at FIU, and a minimum of 9 credits must be upper-division (3000-4000 level)</p>

Minor in Art History:

University Curriculum Committee Changes to Existing Curriculum	University Curriculum Committee Changes to Existing Curriculum
<p>Name of the Program being changed: Minor in Art History (18 semester hours; at least 9 upper division)</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History</p> <p>Old Program Requirements ARH 4450 Modern Art 1 ARH 4470 Contemporary Art 3 ART Studio Elective 3 ARH Electives 9</p>	<p>Name of the Program being changed: Minor in Art History (18 credit hours)</p> <p>NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Art & Art History</p> <p>New Program Requirements ARH 4450 Modern Art 3 ARH 4470 Contemporary Art 3 ART Studio Elective 3 ARH Electives (3) 9</p> <p>Note: A minimum of 9 credits must be at FIU, and a minimum of 9 credits must be upper division (3000-4000 level)</p>

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

Bachelor of Arts in Dance - Lesley Ann Timlick, Faculty Contact

UNIVERSITY CURRICULUM COMMITTEE CHANGES TO EXISTING CURRICULUM

NAME OF THE PROGRAM BEING CHANGED:

Bachelors of Arts in Dance

NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST
Department of Theater and Dance

OLD PROGRAM REQUIREMENTS

Degree Program Hours: 120

The philosophy of the Dance Program is to provide the highest standards of academic and technical training while fostering individual creativity, intellectual growth and humanistic ideals to meet the challenges of the 21st century in a global society. The program is designed to link knowledge within the diverse genres of the discipline, across disciplines, and across cultures. An innovative curriculum offers team-taught, interdisciplinary courses that link academic theory, studio cluster courses, and culturally diverse studio courses.

All students must complete the required core courses in dance and select a focus area of emphasis in Latin-American and Caribbean, Performance/Choreography, Dance Education or a specifically designed focus with advisor's approval.

Students interested in majoring in dance and who meet the admission requirements of the university must take an audition class to be considered for admission as an intended major. An intermediate proficiency exam

is required in one or more dance techniques to be fully admitted as a dance major. DAA 2611 and DAA 3614 may not be fulfilled with transfer credit. Students are evaluated during the first week of classes each term to determine appropriate technique level. In addition, all students applying for acceptance into the major must have met all lower division requirements including CLAST.

INDAMI - Intercultural Dance and Music Institute and the FIU Dance Ensemble are based at the University Park Campus.

Required Courses:

Studio Technique (30 credits)
Students need to be enrolled in a DAA dance studio course each semester. These 30 credits must include a minimum of 10 credits each of modern dance, ballet, an African Diaspora genre, and an additional non-Euro/US genre. Placement at appropriate level to be based on individual student proficiency and determined by dance faculty.

Choose minimum 10 credits from the following: (courses may be repeated for credit)

DAA 1200 Ballet Techniques I	2
DAA 1201 Ballet Techniques I-2	2
DAA 2204 Ballet Techniques II	2
DAA 2205 Ballet Techniques II-2	2
DAA 3208 Ballet Technique III	3
DAA 3209 Ballet Technique III-2	3
DAA 4210 Ballet Technique IV	3
DAA 4211 Ballet Technique IV-2	3

UNIVERSITY CURRICULUM COMMITTEE CHANGES TO EXISTING CURRICULUM

NAME OF THE PROGRAM BEING CHANGED:

Bachelors of Arts in Dance

NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST:
Department of Theatre and Dance

NEW PROGRAM REQUIREMENTS

Degree Program Hours: 120
Replace all with:

The mission of the FIU dance program is to provide the highest standards of academic and artistic training in the study of expressive human movement. The FIU Dance program seeks to foster the creative and critical thinking skills necessary to prepare students for a productive life in a dynamic, and changing multicultural world. Theory, practice, and creative endeavor are linked in an innovative curriculum that focuses on the vitality of dance in artistic community and global context. Upon completing university and program requirements, students declare dance as their major and choose an emphasis "Focus Area" in either *Choreography, Dance Education, or Dance Studies*. Curricula for *Choreography and Dance Education* focus areas are predetermined. The *Dance Studies* focus area is conceived and designed in consultation with the major advisor.

Students seeking to major in dance must meet the requirements for admission to the University and must successfully pass a scheduled audition class. The acceptance of transfer credits from other institutions toward FIU dance major requirements is made on a case-by-case basis. Transfer students must provide course catalogues from previous institutions they have attended to facilitate adjudication of equivalencies. Students applying for acceptance into the dance major must have completed all lower division requirements including CLAST. Students not progressing in fulfilling lower division and CLAST requirements in a timely and consistent manner, or not progressing in a satisfactory manner in the completion of work for major classes, may be put on probation or may have major status suspended or permanently revoked. Dance majors not in compliance with program regulations will not be authorized to register for dance major courses.

INDAMI - The Intercultural Dance and Music Institute

CAI - The Community Arts Institute
Both Institutes work closely with the dance program and are based at the University Park campus.

Required Courses

Studio Technique (24 credits may apply toward the dance major)

Students are advised to register for a dance technique course each semester. The completion of technique requirements is based on competency - not the accumulation of credits. Students are expected to advance in technique and take intermediate or advanced sections during their final two semesters at FIU. To fulfill technique requirements, students must earn a grade of B or better in one of the following two combinations: 1) Ballet III and African Diaspora III, OR 2) Modern III and African Diaspora III

Choose minimum 10 credits from the following: (courses may be repeated for credit)

DAA 1100 Modern Dance Techniques I	2
DAA 1101 Modern Dance Technique I-2	2
DAA 2104 Modern Dance Technique II	2
DAA 2105 Modern Dance Techniques II-2	2
DAA 3108 Modern Dance Techniques III	3
DAA 3109 Modern Dance Technique III-2	3
DAA 4110 Modern Dance Techniques IV	3
DAA 4111 Modern Dance Techniques IV-2	3

Choose minimum 10 credits from the following: (courses may be repeated for credit)

DAA 2333 Afro-Cuban Dance	2
DAA 3346 Caribbean Dance	3
DAA 2332 Capoeira Afro-Brazilian	2
DAA 3347 West African Dance	3
DAA 3344 African & African Diaspora Dance	3

Additional Requirements:

DAN 1600 Music for Dance	2
DAA 2610 Dance Composition I	2
DAA 2611 Dance Composition II	2
DAN 1400 Movement Analysis	3
DAA 3614 Dance Composition III	3
DAA 3654 Dance Repertory	2
DAE 3385 Building Community Through the Arts	3
DAN 4940 Field Experience in Dance	3
SSI 4xxx The Cultural Body in America: Critical Issues in Intercultural Understanding	3

A total of 4 credits from:

DAN 2500 Dance Production I	2
or	
TPA 2200 Intro to Tech Production	2
and	
DAN 2580 Production Practicum I	1
and	
DAN 3584 Production Practicum II	1

Team-taught, Interdisciplinary Theory and Studio Cluster Courses (12 credits)

DAN 4136 Global Perspectives in Dance and Culture I: Theory	3
DAA 4012 Global Perspectives in Dance and Culture I: Practicum	3
DAN 4137 Global Perspectives in Dance and Culture II: Theory	3
DAA 4013 Global Perspectives in Dance and Culture II: Practicum	3

DANCE FOCUS ELECTIVE AREAS (15 Credits)

With Dance faculty advisor's approval the student will select electives which will prepare him/her for a career in a dance related field. The electives will constitute a specialization in the selected area. Additional credits may be necessary, depending on the nature of the specialization. Each student will receive individual advisement on focus area requirements.

Latin American and Caribbean Focus

Select two electives courses (6 credits) from the following and/or a substitute course with advisor's approval.

DAN 5399 Dance Ethnology	3
SSI 4XXX Cultural Expressions of Latin America and the Caribbean	3
OR	
DAN 3394 Latin American and Caribbean Dance and Culture (Summer Institute)	3
with	
DAA 3684 Dance Practicum	1

Technique Classes

Ballet Techniques:

DAA 1200 Ballet Techniques I	3
DAA 2204 Ballet Techniques II	3
DAA 3208 Ballet Techniques III	3
DAA 4210 Ballet Techniques IV	3

Modern Dance Techniques:

DAA 1100 Modern Techniques I	3
DAA 2104 Modern Techniques II	3
DAA 3108 Modern Techniques III	3
DAA 4110 Modern Techniques IV	3

African Diaspora Techniques:

DAA 1xxx African Diaspora I	3
DAA 2333 African Diaspora II	3
DAA 3344 African Diaspora III	3

A Total of 3 credits from:

DAN 2500 Dance Production I	2
or	
TPA 2200 Intro to Theatre Production	2
and	
DAN 2580 Production Practicum I	1

Additional Major Requirements

DAN 1600 Music for Dance	3
DAA 2610 Dance Composition I	3
DAA 2611 Dance Composition II	3
DAA 3614 Dance Composition III	3
DAN 3714 Dance Kinesiology	3
DAN 3xxx Performance Studies	3
DAN 4136 Global Perspectives I	3
DAN 4137 Global Perspectives II	3
DAE 3385 Building Community	3

Plus
One Upper Division Dance Theory Course 3
Required Courses 57 credits

Dance Focus Areas

In consultation with the major advisor, students select a Focus Area. The following specializations are designed to prepare the student for additional or advanced studies. *Choreography and Dance Education* Focus Areas have specific course requirements. The *Dance Studies* Focus Area is designed for the

student who wishes to propose and implement a meaningful course of study in consultation with the major advisor.

Substitutions for Focus Area classes may be made with the major advisor's approval. Changing the Focus Area after the first semester of the Junior year may require additional course work or time to complete new Focus Area requirements.

Choreography Focus

18 credits	
DAN 3504 Dance Production II	2
DAA 4615 Composition IV	3
DAA 4930 Special Topics	3
DAN 4xxx Cont. Issues in Choreography	3
DAA 3654 Dance Repertory	1
DAN 4180 Senior Seminar	2
DAN 4970 Senior Thesis	1
Plus One Upper Division Elective Course	3
Total	18

Dance Education/Certification Focus

20 credits	
EDF 1005 Introduction to Education	3
EDP 3004 Intro to Educational Psych.	3
EDG 3321 General Instructional Decision Making	3
And	
EDP 3218 Classroom Management	2
DAE 4362 Dance in the Elementary and Middle Schools	3
DAN 4180 Senior Seminar	2
DAN 4970 Senior Thesis	1
Plus	
One Upper Division Elective Course	3
Total	20

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

Bachelor of Arts in Dance - Lesley Ann Timlick, Faculty Contact, continued:

Select three electives courses (9 credits) from the following and/or a substitute course with advisor's approval.

- ANT 4340 Cultures of the Caribbean 3
- ANT 4211 African Diaspora Cultures and Performativity 3
- REL 5990 Caribbean Religion 3

Performance/Choreography Focus

Select two electives courses (6 credits) from the following and/or a substitute course with advisor's approval.

- DAA 3654 Dance Repertory III 2
- DAA 4615 Dance Composition IV 3
- DAA 3684 Dance Practicum 1
- DAN 5399 Dance Ethnology 3
- DAN 4910 Research 1-5

Select three electives courses (9 credits) from the following and/or a substitute course with advisor's approval.

- TPA 3040 Costume Design 3
- TPA 3060 Scenic Design 3
- ANT 4211 African Diaspora Cultures and Performativity 3
- ART 3809 Performance Art 3
- REL 3091 The Power of Myth 3

or

Dance Education/Certification Focus

- 17 credits required
- DAN 5399 Dance Ethnology 3 (or a substitute course w/advisor's approval)
- DAE 3371 Dance in the Elementary and Middle Schools 3
- EDF 3515 Philosophical and Historical Foundations of Education 3
- EDP 3004 Educational Psychology 3
- DG 3322 General Instructional Decision Making (Methods) 3
- EDG 3321L 2

Total Credits for the Major: 75

Dance Studies Focus Area

- 18 credits
- 12 credits in Dance Related Studies [Plan of study developed by student and major advisor]
- DAN 4180 Senior Seminar 2
- DAN 4970 Senior Thesis 1
- Plus
- One Upper Division Elective Course 3
- Total 18**

- Total Credits for the Major 57**
- Credit for Focus Area 18-20**
- University Core Curriculum 36**
- General Education Elective Credits 9**

TOTAL CREDITS FOR BA IN DANCE 120

TOTAL CREDITS FOR BA IN DANCE WITH EDUCATION FOCUS 122

A grade of 'C' or higher is necessary for satisfactory progress in the major. Grades lower than 'C' may not be counted toward the dance major.

Plus 36 university core, and 9 hours of electives.

Bachelor of Arts in Dance - Minor Requirements - Leslie Ann Timlick, Faculty Contact:

UNIVERSITY CURRICULUM COMMITTEE CHANGES TO EXISTING CURRICULUM

NAME OF THE PROGRAM BEING CHANGED:

Bachelors of Arts in Dance

NAME OF ACADEMIC UNIT SUBMITTING THIS REQUEST: Department of Theatre and Dance

MINOR REQUIREMENTS

OLD PROGRAM REQUIREMENT

Minor in Dance (20 credits)
The minor in Dance is designed to meet the needs of the liberal arts student who wants to pursue dance to increase his/her creative development, artistic awareness, and intercultural understanding, or complement his/her major in a related field

Requirements for Minor
Fourteen credits in dance studio courses
Six credits in dance theory courses.
Ten credits must be taken at FIU.
Ten credits must be upper division.

NEW PROGRAM REQUIREMENT

Minor in Dance 21 credits
The minor in Dance is designed to meet the needs of the liberal arts student who wants to pursue dance to increase his/her creative development, artistic awareness, or intercultural understanding.

Requirements for Minor
Fifteen (15) credits in dance technique courses (ballet, modern, African diaspora)
Six (6) credits in DAN or DAF courses
Ten (10) credits MUST be taken at FIU.
Ten (10) credits must be upper division

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

School of Computer Sciences - Changes to the BS degree - Bill Kraynek, Faculty Contact

OLD PROGRAM

Required Courses

Common Prerequisites

COP 2210	Computer Programming I
CGS 2423	C for Engineers
MAC 2311	Calculus I
MAC 2312	Calculus II
PHY 2048	Physics with Calculus I
PHY 2048L	General Physics Lab I
PHY 2049	Physics with Calculus II
PHY 2049L	General Physics Lab II

Two additional one-semester courses in natural science; each of these should be a course designed for science or engineering majors. A list of additional approved courses is available through the School of Computer Science.

Upper Division Requirements

Two tracks are available in the upper division program. The Computer Science track should be followed by the student who intends to continue to graduate study in computer science. The Software Design and Development track may be followed by the student who intends to pursue a software engineering career.

Courses Required for the Degree: (both tracks)

Third and Fourth Years

MAD 2104	Discrete Mathematics	3
ENC 3211	Report and Technical Writing	3
COT 3420	Logic for Computer Science	3
MAD 3512	Introduction to Theory of Algorithms	3
STA 3033	Introduction to Probability and Statistics for CS	3
CGS 3092	Professional Ethics & Social Issues in Computer Science I	3
COP 3337	Computer Programming II	3
COP 4338	Computer Programming III	3
COP 3402	Fundamentals of Computer Systems	3
COP 3530	Data Structures	3
COP 4555	Survey of Programming Languages	3
CDA 4101	Structured Computer Organization	3
CEN 4010	Software Engineering I	3
COP 4610	Operating Systems Principles	3
CEN 4015	Software Design and Development Project	3
CEN 4021	Software Engineering II	3

Additional required courses for SDD track
 CEN 4015 Software Design and Development Project 3
 CEN 4021 Software Engineering II 3

NEW PROGRAM

Required Courses

Common Prerequisites

COP 2210	Computer Programming I
MAC 2311	Calculus I
MAC 2312	Calculus II
PHY 2048	Physics with Calculus I
PHY 2048L	General Physics Lab I
PHY 2049	Physics with Calculus II
PHY 2049L	General Physics Lab II

Two additional one-semester courses in natural science; each of these should be a course designed for science or engineering majors. A list of additional approved courses is available through the School of Computer Science.

Upper Division Requirements

Two tracks are available in the upper division program. The Computer Science track should be followed by the student who intends to continue to graduate study in computer science. The Software Design and Development track may be followed by the student who intends to pursue a software engineering career.

Courses Required for the Degree: (both tracks)

Third and Fourth Years

MAD 2104	Discrete Mathematics	3
ENC 3211	Report and Technical Writing	3
COT 3420	Logic for Computer Science	3
MAD 3512	Introduction to Theory of Algorithms	3
STA 3033	Introduction to Probability and Statistics for CS	3
CGS 3092	Professional Ethics & Social Issues in Computer Science I	3
COP 3337	Computer Programming II	3
COP 4338	Computer Programming III	3
COP 3402	Fundamentals of Computer Systems	3
COP 3530	Data Structures	3
COP 4555	Survey of Programming Languages	3
CDA 4101	Structured Computer Organization	3
CEN 4010	Software Engineering I	3
COP 4610	Operating Systems Principles	3
CEN 4015	Software Design and Development Project	3
CEN 4021	Software Engineering II	3

Additional required courses for SDD track
 CEN 4015 Software Design and Development Project 3
 CEN 4021 Software Engineering II 3

Computer Science Electives

The SDD-track student must complete two courses from Set 1.
 The CS-track student must complete three courses from the following Sets, at least one of which must be from Set 2.

Set 1	COP 5621	Compiler Construction	3
	COP 4009	Windows Components Technology	3
	COP 4300X	Composing and Network Security	3
	COP 4225	Advanced Unix Programming	3
	COP 4226	Advanced Windows Programming	3
	CEN 4500	Data Communications	3
	COP 4540	Database Management	3
	CDA 4400	Computer Hardware Analysis	3
	CAP 4710	Principles of Computer Graphics	3
	*CEN 4021	Software Engineering II	3
Set 2	COT 5420	Theory of Computation I	3
	MAD 3305	Graph Theory	3
	MAD 3401	Numerical Analysis	3
	MAD 4203	Introduction to Combinatorics	3
	MHP 4302	Mathematical Logic	3

*CS-track students only

NOTE: Graduate courses can also be used to satisfy elective requirements. Please see advisor for approval. Graduate courses are subject to graduate fees.

At least 28 of the 46 upper division credits must be taken at the University.

Remark: The following courses are not acceptable for credit toward graduation, unless a student has passed the course before declaring a Computer Science major: CGS 2060, CGS 3300, CGS 2100, COP 3175, MAC 2233, STA 1013, STA 2023, STA 2122, STA 3123, QMB 3200, ESI 3161.

Computer Science Electives

The SDD-track student must complete two courses from Set 1.
 The CS-track student must complete three courses from the following Sets, at least one of which must be from Set 2.

Set 1	COP 4009	Windows Components Technology	3
	COP 4300X	Composing and Network Security	3
	COP 4225	Advanced Unix Programming	3
	COP 4226	Advanced Windows Programming	3
	CEN 4500	Data Communications	3
	CDA 4400	Computer Hardware Analysis	3
	CAP 4710	Principles of Computer Graphics	3
	*CEN 4021	Software Engineering II	3
Set 2	MAD 3305	Graph Theory	3
	MAD 3401	Numerical Analysis	3
	MAD 4203	Introduction to Combinatorics	3
	MHP 4302	Mathematical Logic	3

*CS-track students only

NOTE: Graduate courses can also be used to satisfy elective requirements. Please see advisor for approval. Graduate courses are subject to graduate fees.

At least 28 of the 46 upper division credits must be taken at the University.

Remark: The following courses are not acceptable for credit toward graduation, unless a student has passed the course before declaring a Computer Science major: CGS 2060, CGS 3300, CGS 2100, COP 3175, MAC 2233, STA 1013, STA 2023, STA 2122, STA 3123, QMB 3200, ESI 3161.

School of Computer Science - Changes to the Minor in Computer Sciences - Bill Kraynek, Faculty Contact:

OLD PROGRAM

Minor in Computer Science

Required Courses

COP 2210	Computer Programming I	4
CGS 2423	C for Engineers	3
COP 3402	Fundamentals of Computer Systems	3
COP 3337	Computer Programming II	3

Plus two from the following list: COP 3175, COP 4338, COP 3530, COP 3832, COP 4555, CDA 4101, CDA 4400, CEN 4500, CAP 4710, and MAD 3401. Normally the students from Engineering would choose COP 4338, and either COP 3530 or CDA 4101 and students from the School of Business would choose COP 3175 and one other. If one of the options is selected, then the student should verify that he or she has the additional prerequisites necessary for the chosen course. At least nine of the 15 credits must be taken at FIU.

NEW PROGRAM

Minor in Computer Science

Required Courses

COP 2210	Computer Programming I	4
COP 3402	Fundamentals of Computer Systems	3
COP 3337	Computer Programming II	3

Plus two from the following list: COP 3175, COP 4338, COP 3530, COP 3832, COP 4555, CDA 4101, CDA 4400, CEN 4500, CAP 4710, and MAD 3401. Normally the students from Engineering would choose COP 4338, and either COP 3530 or CDA 4101 and students from the School of Business would choose COP 3175 and one other. If one of the options is selected, then the student should verify that he or she has the additional prerequisites necessary for the chosen course. At least nine of the 15 credits must be taken at FIU.

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

Chemistry & Biochemistry - Changes to the Forensic Sciences Certificate Program - A. Sabucedo, Faculty Contact:

CURRENT REQUIREMENTS

Administered by the International Forensic Research Institute (IFRI) the Certificate in Forensic Science is designed to provide a focus for those students who are interested in pursuing a career in the forensic sciences. The program is suitable for students majoring in chemistry, biology or an allied discipline who wish to enter the field of forensic science. The program also allows access to persons in the community who are currently working in this area to develop or upgrade their skills.

The field of forensic science is interdisciplinary and requires significant training in the natural sciences. The prerequisite for the forensic science core courses and internship is the equivalent of a minor in chemistry (one year of general chemistry, one year of organic chemistry and one semester of analytical chemistry) and one semester of biological chemistry/biochemistry. Upon completion of the following courses, a student may apply for a certificate in Forensic Science. The certificate will be awarded at the time of awarding the Bachelor's degree, or upon completion of this work if the student already has a Bachelor's degree. The program consists of six courses (16-18 credits) detailed below.

Required courses (12):
 CCJ 3024 An Overview of Criminal Justice (3) (or approved substitute with suggestions below)
 CHS 4503 Forensic Science
 or CHM 5993 Forensic Chemistry (3)
 CHM 4931 Forensic Biochemistry (Spec-Topics)
 or BSC 5935 Forensic Biology (3)
 CHS 4591 Forensic Science Internship
 or CHS 6946 Graduate Forensic Internship (3)

Specialized courses: (4-6) in one of the following specializations:
 Biology (4):
 PCB 4524 Molecular Biology (3) and PCB 4524L Molecular Biology Lab (1)
 Chemistry (4):
 CHM 4130 Instrumental Analysis (3) and CHM 4130L Instrumental Analysis Laboratory (1)
 Criminal Justice (6):
 CCJ 3101 Law Enforcement Systems (3) and CCJ 3271 Criminal Procedure (3)

Elective courses:
 Additional recommended courses chosen in consultation with your departmental advisor.
 BOT 1010 Introductory Botany (3); CHS 4505L Forensic Science Lab (1); GLY 3030 Environmental Geology (3); SOP 4842 Legal Psychology (3); STA 3444 Statistics I (4).

PROPOSED SPECIFIC LINE CHANGES

The program is suitable for students majoring in chemistry, biology or another natural science who wish to enter the field of forensic science.

The prerequisite for the forensic science core courses and internship are as follows: 1 calculus course, 1 statistics course, 1 general biology course, 2 physics courses with labs, 2 general chemistry courses with labs, 2 organic chemistry courses with labs.

The program consists of 18 credits detailed below.

Required courses (15 credits):

	Change
CHS 3xxx Survey of Forensic Science (3)	New
CHS 4503C Forensic Science (3) or	Changed
CHM 5542 Forensic Chemistry (3)	
CHS 4xxxC Forensic Evidence (3) or	New
CHS 5531 Forensic Analysis (3)	
CHS 4xxxC Forensic Biochem. Appl. (3) New/Changed	
or BSC 5406 Forensic Biology (3)	
CHS 4591 Forensic Science Internship (3) or	
CHS 6946 Graduate Forensic Internship (3)	

*Elective courses: (3 credits) chosen from the following list:

PCB 4524 Molecular Biology (3) and PCB 4524L (1)	
BOT 1010 Introductory Botany (3)	
CHM 4130 Instrumental Analysis (3) and CHM 4130L (1)	
CHS 4505L Forensic Science Lab (1)	
CHS 5539 Forensic Toxicology (3)	Added
CCJ 3024 Overview of Criminal Justice (3)	
CCJ 3101 Law Enforcement System (3)	
CCJ 3271 Criminal Procedure (3)	
CCJ 3101 Law Enforcement System (3)	
GLY 3030 Environmental Geology (3)	
SOP 4842 Legal Psychology (3)	
STA 5664 Forensic Statistics (3)	Added

*A total of 19 additional semester hours that provide greater depth in the student's area of specialization are required as part of the upper division requirements for the bachelors degree in chemistry, biology or other natural science.

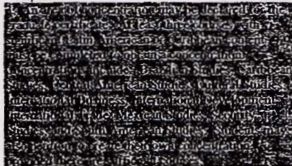
Latin American and Caribbean Studies - Revision to Graduate Certificate - Michael W. Collier, Faculty Contact:

Latin American and Caribbean Studies Certificate

Offered through the Latin American and Caribbean Center (LACC), this certificate encourages students to take a multidisciplinary approach to the study of Latin America and the Caribbean. The certificate may be awarded to both degree and non-degree seeking students who complete the requirements. For students pursuing a degree, the certificate is a complement to the student's discipline or major area of studies. For non-degree seeking students, the certificate provides a means for understanding more about Latin America and the Caribbean without pursuing a longer degree program.

Certificate Requirements:

1. A total of 15 credit hours of graduate course work with a grade of B or higher. Courses must come from the approved Latin American and Caribbean Studies course listing or be approved by the certificate program advisor.
2. Courses must be selected from at least two disciplines.



4. Each student is required to demonstrate reading proficiency in either Spanish or Portuguese, or in another regional language, such as French, Haitian Creole, or Dutch when justified by research interests. Proficiency is demonstrated by scoring at least 'intermediate-high' on the ACTFL/ETS exam for Spanish, Portuguese, or French. For other languages, corresponding tests of proficiency and levels of achievement will be required.

Note: Intermediate-high on the ACTFL/ETS exam (1-plus on the US government scale) can normally be attained by students with two undergraduate semesters of basic language instruction and at least one undergraduate semester of intermediate (3000/4000 level) instruction. Attainment of the required language proficiency is the responsibility of the student and extra courses to achieve the required proficiency level must be taken outside the certificate curriculum.

Change 1:

A country, regional, or topical concentration may be declared for the graduate certificate. At least three courses with significant Latin American or Caribbean content (100% content on the approved course list) must be completed to obtain a concentration.

Concentrations include: Andean Studies, Brazilian Studies, Caribbean Studies, Central American Studies, Cuban Studies, Cultural Studies, Foreign Policy and Security Studies, Haitian Studies, Hispanic Literature and Film, International Business, International Development, International Trade, Mexican Studies, or South American Studies. Students may also petition to create their own concentration, provided there are sufficient courses to support the concentration.

Courses approved for the Latin American and Caribbean Studies Certificate are posted each semester on the FIU Class Schedule at <http://siv2.fiu.edu/classschedule/>. Under Special Programs and Certificate Programs select Latin American & Caribbean Studies. All courses listed from 5000 through 7000 series may be applied to the certificate. Approved courses are also posted each semester outside LACC (DM 353) or are available from the certificate advisor.

Students interested in pursuing a Latin American and Caribbean Studies Certificate should contact the certificate advisor at (305) 348-2894 for an appointment or email MALACS@fiu.edu

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

Latin American and Caribbean Studies - Revision to MA - Michael W. Collier, Faculty Contact:

Latin American and Caribbean Studies

The Master of Arts in Latin American and Caribbean Studies (MALACS) is a multidisciplinary program that requires students to concentrate half their courses in one disciplinary or topical area. The program's objective is to prepare graduates for careers as analysts for the public and private sectors. Many graduates also continue on to doctoral-level studies in several academic disciplines.

Full-time students can expect to complete the program in 12-24 months. The program stresses a close faculty-student advising relationship and includes the participation of visiting scholars from Latin America, the Caribbean, and other regions.

MALACS is administered by the FIU Latin American and Caribbean Center (LACC), one of the largest area and language studies centers in the US that specializes in the region.

LACC also administers a partnership degree program with the Joint Forces Staff College. More information on joint and partnership degrees is found at the end of this section.

For further information please contact LACC Graduate Program Director, Latin American and Caribbean Center, Florida International University, University Park DM 353, Miami, Florida 33199. Phone: (305) 348-2894; Fax: (305) 348-3593; email: MALACS@fiu.edu, or see the MALACS web site at http://lacc.fiu.edu/academic_programs/masters_a_rts_frm.htm.

Admission Requirements

Applicants must meet the following minimum admissions requirements:

1. Completed FIU graduate application.
2. A baccalaureate degree from an accredited institution for higher education, or equivalent.
3. A grade-point average of at least 3.0 on a 4.0 scale (or equivalent) for the last two years of undergraduate study and for any post-baccalaureate study.
4. A combined verbal and quantitative score of at least 1000 on the GRE.
5. A statement of purpose consistent with the goals of the program.
6. Three letters of recommendation.
7. For foreign applicants whose native language is not English, a TOEFL score of at least 550.
8. Application for M.A. assistantship or fellowship (if applicable).
9. Approval by the program admissions committee.

Note: The above admission requirements are minimums and not all students meeting them are assured admission. Students with either a grade-point average or GRE score below the above minimums may still apply and request a waiver of those scores. The student must provide an explanation of why the waiver should be granted.

Degree Requirements

The MALACS program requires 36 graduate credits. Nine (9) credits consist of the program's multidisciplinary gateway course (3 credits) and two research methods courses (6 credits).

Twelve (12) credits are taken in one of the MALACS concentrations (Andean Studies, Brazilian Studies, Caribbean Studies, Comparative Politics, Comparative Sociology, Cuban Studies, Cultural Studies, Economics, Environmental Studies, Foreign Policy and Security Studies, Haitian Studies, Hispanic Literature and Film, History, International Business, International and Comparative Law, International Development, or International Relations).

Nine (9) credits of breadth requirements are taken from at least two other areas of MALACS concentration or from courses outside the concentrations with Latin American and Caribbean content. MALACS offers four graduation exit options: (1) completion of a thesis project (6 credits), (2) participation in a one (1) semester internship and preparation of a major research paper (6 credits), (3) preparation of two directed research papers (6 credits), or (4) taking six (6) additional credits of Latin American and Caribbean courses and passing a comprehensive examination. As a non-credit requirement, students must demonstrate reading proficiency in either Spanish or Portuguese or,

Change 1:

While the program is strongest in the social sciences, opportunities are available for students to also concentrate their study in areas such as cultural studies, environmental studies, history, and international business.

Change 2:

In addition to the MALACS degree, LACC also administers joint JD/MALACS and MBA/MALACS degree programs that allow the student to receive both degrees in substantially less time that would be required to pursue each degree individually.

Change 3:

Twelve (12) credits are taken in one of the MALACS concentrations (Andean Studies, Brazilian Studies, Caribbean Studies, Comparative Politics, Comparative Sociology, Cuban Studies, Cultural Studies, Economics, Environmental Studies, Foreign Policy and Security Studies, Haitian Studies, Hispanic Literature and Film, History, International Business, International and Comparative Law, International Development, or International Relations).

when approved, another foreign language from Latin America or the Caribbean.

MALACS Course Work

A minimum of thirty (30) credits of course work, to be selected from the approved list of MALACS graduate courses, is required. Courses must be passed with grades of 3.0 or better and distributed as follows:

1. The gateway course, LAS 6003 Survey of Latin America and the Caribbean (3 credits).
2. LAS 6930 Latin American and Caribbean Data Analysis (3 credits), and the student's MALACS concentration graduate course in research methods (3 credits).

4. Breadth requirement. 9 credits (three courses) selected from the graduate offerings of at least two MALACS concentrations other than those of the student's primary concentration. Subject to LACC Graduate Program Director approval, up to six credits (two courses) may be selected from the graduate offerings of FIU programs outside those of the MALACS concentrations, provided the courses have substantial Latin American and Caribbean content.

FIU policy also allows the transfer of 6 graduate credits from other universities or between FIU graduate programs, provided the courses meet program subject matter requirements.

Foreign Language

Each student is required to demonstrate reading proficiency in either Spanish or Portuguese, or in another regional language such as French, Haitian Creole, or Dutch when justified by research interests. Proficiency is demonstrated by scoring at least 'intermediate-high' on the ACTFL/ETS exam for Spanish, Portuguese, or French. For other languages, corresponding tests of proficiency and levels of achievement will be required.

Research Methods

A minimum of six (6) credits (two courses) in research methods must be fulfilled by taking the student's MALACS concentration graduate course in research methods and LAS 6930 Latin American and Caribbean Data Analysis. When a concentration area does not have a specific graduate course in research methods, then the student should take SYA 6305 Research Methods I to meet this requirement. The LACC Graduate Program Director can approve substitute research methods courses depending on the student's previous research methods background and research interests.

Note: Intermediate-high on the ACTFL/ETS exam (1-plus on the US government scale) can normally be attained by students with two undergraduate semesters of basic language instruction and at least one undergraduate semester of intermediate (3000/4000 level) instruction. Attainment of the required language proficiency is the responsibility of the student and extra courses to achieve the required proficiency level must be taken outside the MALACS curriculum. Fellowships and scholarships to study Portuguese and Haitian Creole are available to selected MALACS students. Opportunities for the student to improve their language proficiency is provided in several Foreign Language Across Curriculum (FLAC) courses.

MALACS Graduation Exit Options

Thesis Option

Students pursuing careers in the public or private sectors requiring strong research and analytic skills, or students planning to continue with Ph.D. studies, are encouraged to select the MALACS thesis exit option. The thesis is publicly defended and approved by a committee of three faculty members. The committee chair and at least one other member must be from FIU departments offering courses in the MALACS concentrations. The committee as a whole must be drawn from at least two concentration departments. During the thesis period, the student registers for thesis credits (six credits minimum required) with their thesis committee chair.

Change 4:

MALACS concentration: 12 credits (four courses) selected from the graduate offerings of the student's concentration (Andean Studies, Brazilian Studies, Caribbean Studies, Comparative Politics, Comparative Sociology, Cuban Studies, Cultural Studies, Economics, Environmental Studies, Foreign Policy and Security Studies, Haitian Studies, Hispanic Literature and Film, History, International Business, International and Comparative Law, International Development, or International Relations). The 12 credits must include the concentration's introductory foundation or theory course(s) when designated.

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

Latin American and Caribbean Studies - Revision to MA, continued - Michael W. Collier, Faculty Contact:

Internship Option

As a substitute for the thesis option, students may select an internship exit option. The internship exit option entails a one (1) semester resident internship in either the public or private sectors. Internships are related to the student's MALACS concentration. A major professor from a department offering MALACS concentration courses supervises the internship. Internships may be arranged through LACC or by the student. Upon completion of the resident internship, the student prepares and publicly defends a major research paper related to the internship. During the internship period, the student registers for internship credits (six credits minimum required) with their major professor.

Directed Research Option

Another substitute for the thesis option is a directed research exit option. Students selecting this option will prepare and publicly defend two major research papers. One research paper will address a topic in the student's MALACS concentration and the second paper an interdisciplinary topic of more general interest to the region. Students will register for two directed research courses (3 credits each) with their major professor(s).

Comprehensive Examination Option

A comprehensive examination exit option is available for mid-career professionals who already possess strong research and analytic skills or for those whose educational interests do not encompass a thesis or internship option. Students selecting the comprehensive examination option complete two additional courses in Latin American and Caribbean studies (6 credits required). The LACC Graduate Program Director arranges for the student to take comprehensive examinations covering the student's MALACS concentration and multidisciplinary Latin American and Caribbean issues.

MALACS Approved Courses

A sample of courses approved for each MALACS concentration is provided on the MALACS web site at http://lacc.fiu.edu/academic_programs/masters_arts_frm.htm.

Courses approved for the MALACS program are posted each semester on the FIU Class Schedule at <http://sis2.fiu.edu/classschedule>. Under Special Programs and Certificate Programs select Latin American & Caribbean

Studies. All courses listed from 5000 through 7000 series may be applied to the certificate. Approved courses are also posted each semester outside LACC (DM 353) or are available from the Graduate Program Director.

MALACS Joint and Partnership Degree Programs

Joint JD/MALACS Degree Program

An agreement between the FIU College of Law and College of Arts and Sciences allows students to pursue simultaneously the Juris Doctor (JD) and MALACS degrees and in doing so the student will save considerable time over pursuing each degree separately. Students must meet the entrance requirements for both the JD and MALACS programs. Twelve credits from the law school curriculum will be allowed toward the MALACS program and will constitute a MALACS concentration in International and Comparative Law. Nine credits from the MALACS program will also count toward the law school curriculum requirements. All other requirements to receive either the JD or MALACS degree must be met. Additional information on the joint degree program is available on the College of Law and MALACS web sites.

MALACS Partnership Degree with the Joint Forces Staff College

An agreement between FIU and the Joint Forces Staff College (JFSC) of the National Defense University, allows JFSC graduates to transfer 15 JFSC credits toward the MALACS degree completion requirements. Students wishing to take advantage of this partnership must be accepted into the MALACS program through normal application procedures. Once accepted, students are required to take 15 credit hours of MALACS courses, including: LAS 6003, LAS 6930, and three breadth courses in at least two MALACS concentrations other than Security Studies. JFSC students must also complete a MALACS exit option (6 credit hours) and meet MALACS language proficiency requirements. Additional information on the JFSC partnership degree program is available on the MALACS web site.

Change 5 (add new section):

Joint MBA/MALACS Degree Program

An agreement between the FIU Altvah H. Chapman, Jr. Graduate School of Business and College of Arts and Sciences allows students to pursue simultaneously the Master's in Business Administration (MBA) and MALACS degrees and in doing so the student will save considerable time over pursuing each degree separately. Students must meet the entrance requirements for both the MBA and MALACS programs. Twelve credits from the MBA curriculum will be allowed toward the MALACS program and will constitute a MALACS concentration in International Business. Nine credits from the MALACS program will also count toward the MBA curriculum requirements. All other requirements to receive either the MBA or MALACS degree must be met. Additional information on the joint degree program is available on the Chapman Graduate School of Business and MALACS web sites.

Change 6:

Students will receive a MALACS concentration in Foreign Policy and Security Studies from the JFSC courses.

Latin American and Caribbean Studies - Revision to the Undergraduate Certificate in Latin American and Caribbean Studies, Michael W. Collier, Faculty Contact:

2003-2004 Undergraduate Catalog

Latin American and Caribbean Studies Certificate

Offered through the Latin American and Caribbean Center (LACC), this certificate encourages students to take a multidisciplinary approach to the study of Latin America and the Caribbean. The certificate may be awarded to both degree and non-degree seeking students who complete the requirements. For students pursuing a degree, the certificate is a complement to the student's discipline or major area of studies. For non-degree seeking students, the certificate provides a means for understanding more about Latin America and the Caribbean without pursuing a longer degree program.

Certificate Requirements:

1. A total of 18 credit hours of undergraduate course work with a grade of C or higher. Courses must come from the approved Latin American and Caribbean Studies course listing or be approved by the certificate advisor. Courses may include those in the student's departmental major, but must also be selected from at least two disciplines outside the student's departmental major.
2. A two-course introductory language sequence at FIU in Spanish, Portuguese, or French. Exemption from this requirement may be obtained through a proficiency examination administered by the FIU Department of Modern Languages. Language courses may not be counted toward the fulfillment of requirement (1) above.
3. An area of concentration may be declared for the undergraduate certificate. At least three courses with significant Latin American or Caribbean content must be completed to obtain a concentration.

Concentrations include: Brazilian Studies, Caribbean Studies, Central American Studies, Cultural Studies, International Business, International Development, International Trade, Mexican Studies, Security Studies, and South American Studies. Students may also petition to create their own concentration, provided there are sufficient courses.

Courses approved for the Latin American and Caribbean Studies Certificate are posted each semester on the FIU Class Schedule at <http://sis2.fiu.edu/classschedule>. Under Special Programs and Certificate Programs select Latin American & Caribbean Studies. All courses listed from 2000 through 4000 series may be applied to the certificate. Approved courses are also posted each semester outside LACC (DM 353) or are available from the certificate advisor.

Changes for 2004-2005 Undergraduate Catalog

Changes 1:

A country, regional, or topical area of concentration may be declared for the undergraduate certificate. At least three courses with significant (100% content on the approved course listing) Latin American or Caribbean content must be completed to obtain a concentration. Concentrations include: Andean Studies, Brazilian Studies, Caribbean Studies, Central American Studies, Cultural Studies, Foreign Policy and Security Studies, International Business, International Development, Haitian Studies, International Trade, Mexican Studies, or South American Studies. Students may also petition to create their own concentration, provided there are sufficient courses.

Students interested in pursuing a Latin American and Caribbean Studies Certificate should contact the certificate advisor at (305) 348-2894 for an appointment or email MALACS@fiu.edu.

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

Department of Physics - Proposal for Physics Bachelor of Arts Biophysics Concentration - Laird Kramer, Faculty

Catalog Description:

Current:
(NONE)

Proposed:

BA Biophysics Concentration

This program prepares students interested in physics and planning to enter professional schools in medicine, biomedical engineering, and biomechanics as well as entry level biotechnology positions in industry and government. The flexible program offers the opportunity for parallel studies in another discipline. Students satisfying the degree requirements of this program will also have satisfied the course requirements for admission to medical schools. Interested student should consult the Pre-medical advisor at 305-348-3084.

Lower Division Preparation

Common Prerequisites as Detailed Under the BA Degree

Additional Lower Division Courses (17)

BSC 1010	General Biology I	3
BSC 1010L	General Biology I Lab	1
BSC 1011	General Biology II	3
BSC 1011L	General Biology II Lab	1
CHM 2210	Organic Chemistry I	4
CHM 2210L	Organic Chemistry I Lab	1
CHM 2211	Organic Chemistry II	3
CHM 2211L	Organic Chemistry II Lab	1

Upper Division Program (60)

PHY 3123	Modern Physics I	3
PHY 3123L	Modern Physics Lab I	1
PHY 3124	Modern Physics II	3
PHY 3124L	Modern Physics Lab II	1
PHY 3503	Thermodynamics	3
PHY 4134	Widely Applied Physics I	3
PHY 4135	Widely Applied Physics II	3
PHY 4221	Mechanics I	3
PHY 4905	Senior Physics Lab	3
PHZ 4710	Introduction to Biophysics	3
	Physics Electives	6
	Electives in Biology and Chemistry	12
	Electives	16

Pre-med students are strongly encouraged to take:

BCH 3033	General Biochemistry	4
BCH 3033L	General Biochemistry Lab	1
or		
CHM 4304	Biological Chemistry I	3
CHM 4304L	Biological Chemistry I Lab	1
PCB 3063	Genetics	3
PCB 3063L	Genetics Lab	1
PCB 3702	Intermediate Human Physiology	3
PCB 3702L	Intermediate Human Physiology Lab I	1

Department of Physics - Proposal for Physics Bachelor of Arts Business Concentration - Laird Kramer, Faculty Contact

Catalog Description:

Current:
(NONE)

Proposed:

BA Business Concentration

This program prepares students interested in physics and planning to enter business and business management careers. Concentrates on the basics of business administration and also gain a thorough understanding of electronics, lasers, computers and other tools of the physicist.

Lower Division Preparation

Common Prerequisites as Detailed Under the BA Degree

Additional Lower Division Courses (9)

ECO 2013	Principles of Macroeconomics	3
ECO 2023	Principles of Microeconomics	3
ACG 2021	Accounting for Decisions	3

Upper Division Program (60)

PHY 3123	Modern Physics I	3
PHY 3123L	Modern Physics Lab I	1
PHY 3124	Modern Physics II	3
PHY 3124L	Modern Physics Lab II	1
PHY 3503	Thermodynamics	3
PHY 4XXX	Widely Applied Physics I	3
PHY 4XXX	Widely Applied Physics II	3
PHY 4905	Senior Physics Lab	3
	Physics Electives	6

ACG 3301	Acc. for Planning and Control	3
FIN 3403	Financial Management	3
MAN 3025	Organization and Management	3
MAN 4120	Intergroup Relations in Organizations	3
MAR 3023	Marketing Management	3
	Business Electives	6

Electives 13

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:

Department of Physics - Proposal for Physics Bachelor of Arts: Physics Education Concentration - Laird Kramer, Faculty Contact:

Catalog Description:

(NONE)

Proposed:

BA Physics Education Concentration

This program prepares students interested in physics and science for teaching at the secondary level.

Lower Division Preparation

Common Prerequisites as Detailed Under the BA Degree

Additional Lower Division Courses (16)

AST 2100	Solar System Astronomy	3
AST 2100L	Solar System Astronomy Lab	1
AST 2201	Stellar Astronomy	3
AST 2201L	Stellar Astronomy Lab	1
BSC 1010	General Biology I	3
BSC 1010L	General Biology I Lab	1
BSC 1011	General Biology II	3
BSC 1011L	General Biology II Lab	1

Upper Division Program (60)

PHY 3123	Modern Physics I	3
PHY 3123L	Modern Physics Lab I	1
PHY 3124	Modern Physics II	3
PHY 3124L	Modern Physics Lab II	1
PHY 3503	Thermodynamics	3
PHY 4134	Widely Applied Physics I	3
PHY 4135	Widely Applied Physics II	3
PHY 4905	Senior Physics Lab	3

MAE 3651	Learning Mathematics w/ Technology	3
EDP 3004	Educational Psychology	3
EDG 3321	Gen. Instr. Decision Making	3
SCE 4XXX*	Management of Laboratories and Investigations	3
EDF 4634	Cultural and Social Foundations of Education	3
ESE 4343	Secondary Classroom Management	3
MAE 4942	Student Teaching	6
	(Two 3 hour courses over 2 semesters)	
SCE 4330	Special Teaching Lab: Science Electives	3
		13

*Course to be submitted by College of Education, Fall 2003

Theatre - Changes to BA Degree in Theatre - Lesley-Ann Timlick, Faculty Contact

Current Catalog Listing	Credits	New Catalog Listing	Credits
Choose 12 credits from these electives:		Choose 12 credits from these electives:	
TPP 3113 Acting IV	3	TPP 3113 Acting IV	3
TPP 3511 Theatre Movement II	2	TPP 3511 Theatre Movement II	2
TPP 3711 Theatre Voice and Speech II	2	TPP 3711 Theatre Voice and Speech II	2
TPP 4600 Playwriting I	3	TPP 3730 Dialects	3
TPP 4601 Playwriting II	3	TPP 4600 Playwriting I	3
TPP 3310 Directing I	3	TPP 4601 Playwriting II	3
THE 4950 Internship	3	TPP 3310 Directing I	3
TPA 3061 Approaches to Design for The Stage	3	THE 4950 Internship	3
TPA 2211 Stagecraft II	3	TPA 3061 Approaches to Design for The Stage	3
TPA 2220 Stage Lighting I	3	TPA 2211 Stagecraft II	3
TPA 3060 Scenic Design I	3	TPA 2220 Stage Lighting I	3
TPA 3930 Special Topics in Theatre	1-3	TPA 3060 Scenic Design I	3
THE 4916 Research	1	TPA 3930 Special Topics in Theatre	1-3
		THE 4916 Research	1

Theatre - Changes to BFA Degree in Theatre - Lesley-Ann Timlick, Faculty Contact

Current Catalog Listing	Credits	New Catalog Listing	Credit
TPP 3113 Acting IV	3	TPP 3113 Acting IV	3
TPP 3164 Theatre Voice and Movement III	3	TPP 3164 Theatre Voice and Movement III	3
TPP 3165 Theatre Voice and Movement IV	3	TPP 3165 Theatre Voice and Movement IV	3
TPP 4114 Acting V	3	TPP 4114 Acting V	3
TPP 4195L Upper Division Production and Performance (May be repeated A maximum of 3 times)	1	TPP 4195L Upper Division Production and Performance (May be repeated A maximum of 3 times)	1
TPP 4117 Acting VI	3	TPP 4117 Acting VI	3
TPP 4224 Acting VII	3	TPP 4224 Acting VII	3
TPP 4265 Acting VIII	3	TPP 4265 Acting VIII	3
Dance technique classes as Approved by an advisor	4	Changed to: 1 Dance technique class as approved by advisor	2
MUN 2320 Women's Chorus	1	and Choose another 3 credits from these electives Dance technique class as approved by an advisor	
MUN 2330 Men's Chorus	1	MUN 2320 Women's Chorus	2
		MUN 2330 Men's Chorus	1
		TPP 3923 Musical Theatre Workshop	3
		TPP 4531 Stage Combat	3
		TPP 4XXX Mime	3
		TPP 3730 Dialects	3

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF ARTS & SCIENCES:**Women's Studies - Changes in the Core Curriculum for the Women's Studies Major - Suzanna Rose, Faculty Contact:**BACHELOR OF ARTS IN WOMEN'S STUDIES
PROPOSAL FOR CHANGE IN THE CORE CONCENTRATION COURSES

Existing Core concentration	Proposed Changes to Core Concentration
I	I
WST3015 Introduction to Women's studies Or HUM 3930 Female/Male: Women's Studies Seminar	WST3015 Introduction to Women's studies Or WST 3641/IDS4920 Gay and Lesbian in the US Or PHM 4123 Philosophy of Feminism
II	II
SOP 3742 Psychology of Women Or SYD 3810 Sociology of Gender Or WST 4504 Feminist Theory	SOP 3742 Psychology of Women Or SYD 3810 Sociology of Gender Or ECS 3021 Women Culture and Economic Development
III	III
ANT 3302 Anthropology of Sex and Gender Or AMH 3560 History of Women in the US Or EUH 4610 Women and gender in Europe 1750-present	ANT 3302 Anthropology of Sex and Gender Or AMH 3560 History of Women in the US Or EUH4313 History of Modern Spain from a Gender Perspective
IV	IV
REL 3145 Women and Religion Or LIT 3383 Women in Literature Or PHM 4123 Philosophy of Feminism	REL 3145 Women and Religion Or LIT 3383 Women in Literature Or WST 4504 Feminist Theory

COLLEGE OF BUSINESS**Revised Bachelor of Business Administration - Management Information Systems Major - Dinesh Batra, Faculty Contact**Decision Sciences and Information Systems
Undergraduate Management Information Systems
(MIS) major (OLD)**Purpose**

The purpose of the Department of Decision Sciences and Information Systems is to provide students with the knowledge and ability to design, develop, and implement information systems that will help enterprises solve their problems effectively. Students will be given a solid foundation in the design, use, and management of database and telecommunications technology. The department offers courses in management information systems, management science, production and operations management, e-commerce, and business statistics at both the graduate and undergraduate levels.

Management Information Systems Major

Undergraduate business students can opt to major in Management Information Systems (MIS). This major provides students with the background they need to give informational support for decision-making in organizations and to understand the impact that information systems have on business enterprises. Graduates will be prepared for entry-level positions in MIS, either in user- or system-oriented departments.

Degree Program Requirements (120 credit-hours)

Lower-Division/Business Pre-Core 60 hours
Upper Division/Business Core 30 hours
Major Courses 18 hours
Programming Language Requirements 06 hours
Electives 06 hours

Lower Division/Business Pre-Core

The "General Information" section in this catalog describes the lower division requirements. The Business Pre-Core requirements are listed in the first section of this "College of Business Administration" chapter. Students must complete all lower division and Business Pre-Core requirements no later than the first semester of their third year of undergraduate study.

Upper Division/Business Core

The College's Business Core Requirements are listed in the first section of this "College of Business Administration" chapter.

Required Major Courses (3 credit-hours each)

ISM 4210 Database Applications
ISM 4400 Management Support Systems
ISM 4220 Business Data Communications
ISM 4113 Systems Analysis and Design

Take any two from the following four courses:

ISM 3153 Enterprise Information Systems
ISM 3130 Implementing Enterprise Systems
ISM 3949 Co-op I
ISM 4054 Introduction to Web Management
ISM 4340 Organizational Impacts of Information Systems
ISM 4949 Co-op II
ISM 4151 Systems Management

Programming Language Requirement

Students must take the following courses:

COP 2250 Java Programming
And either
COP 3175 Visual Basic,
Or COP 3804 Intermediate Java

Academic Standard

The Department of Decision Sciences and Information Systems requires that students receive a grade of "C" or higher in all courses in order to remain in the degree program.

Decision Sciences and Information Systems
Undergraduate Management Information Systems
(MIS) major (NEW)**Purpose**

The purpose of the Department of Decision Sciences and Information Systems is to provide students with the knowledge and ability to design, develop, and implement information systems that will help enterprises solve their problems effectively. Students will be given a solid foundation in the design, use, and management of databases, enterprise systems, telecommunications technology, information security, and electronic commerce systems. The department offers courses in management information systems, management science, and production and operations management and business statistics at both the graduate and undergraduate levels.

Management Information Systems Major

Undergraduate business students can opt to major in Management Information Systems (MIS). This major provides students with the background they need to give informational support for decision-making, design databases and systems including electronic commerce systems and data communications systems, and understand the project management aspects in organizations.

Graduates will be prepared for entry-level positions in MIS, either in user- or system-oriented departments.

Degree Program Requirements (120 credit-hours)

Lower-Division/Business Pre-Core 60 hours
Upper Division/Business Core 30 hours
Major Courses 21 hours
Business Electives 09 hours

Lower Division/Business Pre-Core

The "General Information" section in this catalog describes the lower division requirements. The Business Pre-Core requirements are listed in the first section of this "College of Business Administration" chapter. Students must complete all lower division and Business Pre-Core requirements no later than the first semester of their third year of undergraduate study.

Upper Division/Business Core

The College's Business Core Requirements are listed in the first section of this "College of Business Administration" chapter.

Major Courses (3 credit-hours each)

ISM 3153 Enterprise Information Systems
ISM 4400 Management Support Systems
ISM 4220 Business Data Communications
ISM 4210 Database Applications
ISM 4054 Introduction to Web Management
ISM 4113 Systems Analysis and Design
ISM 4151 Systems Management

Business Electives

Students may take three business electives among the following courses:

ISM 4340 Organizational Impacts of Information Systems
ISM 4949 Cooperative Education in MIS II

OR

Additional courses offered by the department

OR

Business courses after obtaining approval from the department.

Academic Standard

The Department of Decision Sciences and Information Systems requires that students receive a grade of "C" or higher in all major courses, and a passing grade in business electives in order to remain in the degree program.

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF EDUCATION

Adult Education and Human Resource Development - Rationale for Proposed Changes to Admissions Policy, Master of Science in Human Resource Development - Jo Gallagher, Faculty Contact

Old Admissions Requirements

- Undergraduate (60-hour) GPA of 3.0 or higher
- OR
- GRE (Verbal and Quantitative) score of 1000 or higher

New Admissions Requirements

- Undergraduate (60-hour) GPA of 3.0 or higher;
- Resume;
- Statement of intent; and
- Three letters of recommendation (academic and professional sources)

The faculty of the Adult Education and Human Resource Development (AE/HRD) program in the College of Education proposes the above changes to the policy for admittance into its Master of Science in Human Resource Development program. Until the present, the GRE has been used as one of two alternate criteria required for acceptance into the degree program. A more comprehensive process of evaluating candidates will be a more useful indicator of success in this graduate program. Additionally, mandating a score of 1000 on the GRE in addition to a UGPA of 3.0 or higher (as would otherwise be the case without the approval of this proposal) would adversely affect the overall admissions process, greatly and negatively affecting its enrollment trend. Therefore, the faculty proposes the following admissions requirements: (a) a 3.0 or higher UGPA in the last 60 credits of upper-division coursework; (b) a resume of professional experiences and responsibilities; (c) a statement of intent (encompassing career goals and aspirations and their projected fulfillment as a result of participation in the program); and (d) three letters of recommendation (combining professional and academic sources)

These requirements were derived through consideration of the admission practices of FIU benchmark schools (UCF, Univ. of Louisville, and Wayne State), AE/HRD benchmark schools (FSU, Univ. of Georgia, and USF), and a statistical analysis of our own students over the past 9 years for whom the appropriate data exist. Eta correlations were computed for Total GRE score, Verbal GRE score, and Quantitative GRE score and the relationship of each to whether the students (N = 133) graduated within the prescribed time limits to graduation (6 years). The Eta correlation coefficients were .10, .07, and .11, respectively and useful for neither group nor individual prediction. The Mean 60-hour UGPA for the successful graduates was 3.37 and the mean GRE score was 845. As a requirement for graduation, these students had to maintain a graduate GPA of 3.0 or higher.

Florida International University and the College of Education hold interculturalism as a core value. The Human Resource Development masters program exemplifies this commitment to diversity by not only emphasizing multiculturalism in the program, but by admitting a large number of minority students. Minority students' access to graduate education continues to be a critical issue facing our higher educational institutions. Establishing artificial barriers such as culturally biased tests without predictive validity hampers the students' access to such opportunities and is contrary to many of our

educational goals as a university. Moreover, the demographics in South Florida, the primary applicant pool for this program, make us one of the leading higher education institutions serving linguistically and culturally diverse populations, with a large majority of our students being second language learners. These students are often penalized by the GRE, not by the lack of content knowledge, but by language-related factors that can be addressed in regular course programming. Thus, the faculty believes that by eliminating the GRE requirement and adopting a more holistic admissions process, the success of students can be more successfully determined and their professional development can be facilitated.

Adult Education and Human Resource Development - Rationale for Proposed Changes to Admissions Policy, Master of Science in Adult Education - Jo Gallagher, Faculty Contact

Old Admissions Requirements

- Undergraduate (60-hour) GPA of 3.0 or higher
- OR
- GRE (Verbal and Quantitative) score of 1000 or higher

New Admissions Requirements

- Undergraduate (60-hour) GPA of 3.0 or higher;
- Resume;
- Statement of intent; and
- Three letters of recommendation (academic and professional sources)

The faculty of the Adult Education and Human Resource Development (AE/HRD) program in the College of Education proposes the above changes to the policy for admittance into its Master of Science in Adult Education program. Until the present, the GRE has been used as one of two alternate criteria required for acceptance into the program. A more comprehensive process of evaluating candidates will be a more useful indicator of success in this graduate program. Additionally, mandating a score of 1000 on the GRE in addition to a UGPA of 3.0 or higher (as would otherwise be without the approval of this proposal) would adversely affect the overall admissions process, greatly and negatively affecting its enrollment trend. Therefore, the faculty proposes the following admissions requirements: (a) a 3.0 or higher UGPA in the last 60 credits of upper-division coursework; (b) a resume of professional experiences and responsibilities; (c) a statement of intent (encompassing career goals and aspirations and their projected fulfillment as a result of participation in the program); and (d) three letters of recommendation (combining professional and academic sources).

These requirements were derived through consideration of the admission practices of FIU benchmark schools (UCF, Univ. of Louisville, and Wayne State), AE/HRD benchmark schools (FSU, Univ. of Georgia, and USF), and a statistical analysis of our own students over the past 9 years for whom the appropriate data exist. Eta correlations were computed for Total GRE score, Verbal GRE score, and Quantitative GRE score and the relationship of each to whether the students (N = 133) graduated within the prescribed time limits to graduation (6 years). The Eta correlation coefficients were .10, .07, and .11, respectively and useful for neither group nor individual prediction. The Mean 60-hour UGPA for the successful graduates was 3.37 and the mean GRE score was 845. As a requirement for graduation, these students had to maintain a graduate GPA of 3.0 or higher.

Florida International University and the College of Education hold interculturalism as a core value. The Adult Education masters program exemplifies this commitment to diversity by not only emphasizing multiculturalism in the program, but by admitting a large number of minority students. Minority students' access to graduate education continues to be a critical issue facing our higher educational institutions. Establishing artificial barriers such as culturally biased tests without predictive validity hampers the students' access to such opportunities and is contrary to many of our educational goals as a university. Moreover, the demographics in South Florida, the primary applicant pool

for this program, make us one of the leading higher education institutions serving linguistically and culturally diverse populations, with a large majority of our students being second language learners. These students are often penalized by the GRE, not by the lack of content knowledge, but by language-related factors that can be addressed in regular course programming. Thus, the faculty believes that by eliminating the GRE requirement and adopting a more holistic admissions process, the success of students can be more successfully determined and their professional development can be facilitated.

PROGRAM CHANGES, LISTED BY COLLEGE/SCHOOL, Continued

COLLEGE OF HEALTH AND URBAN AFFAIRS

Proposed plan of study changes to meet new UCC requirements - B.S. in Dietetics and Nutrition - Jordana Brown, Faculty Contact

The following changes to the plan of study for dietetics and nutrition majors allows the students to both meet UCC requirements and requirements for the major.

Old	Replace With
CGS 2060 Introduction to Microcomputers (3)	STA 3111 Statistics I (3) OR STA 3145 Statistics for the Health Professions (3)
PSY 2020 Introduction to Psychology (3) will continue to meet the Foundations of Social Inquiry requirement.	INP 2002 Introduction to Industrial/Organizational Psychology (3) OR PSY 2020 Introduction to Psychology (3)
SYG 2000 Introduction to Sociology (3)	ANT 3451 Anthropology of Race and Religion (3) OR COM 3461 Intercultural/Interracial Communication (3) OR SYP 3000 The Individual in Society (3)

These changes would continue to meet the Commission on Dietetic Education accreditation standards and allow students to meet as many UCC requirements as possible while meeting those standards.

CHUA - Dietetics and Nutrition, Master's in Dietetics and Nutrition - The Master's Project Option, Dian Weddle, Faculty Contact

OLD

Master of Science in Dietetics and Nutrition
Each student's program will be planned to Support his/her career goals through consultation with an assigned faculty advisor. Retention and graduation in the Master's program requires maintenance of a 3.0 GPA.

Course Requirements
Required Core (23)

Research: (14)

DIE 6568	Research Methods in Dietetics	3
DIE 6937	Graduate Seminar in Dietetic (two Semesters)	1
DIE 6971	Thesis in Dietetics and Nutrition	6
STA 6166	Statistical Methods in Research	3

NEW

Course Requirements
Required Core (23)

Masters Thesis Option

The thesis option provides the student the opportunity to conduct original research and to report this in a scholarly manuscript. This option is especially well suited to a student who plans on pursuing a PhD degree. Students who select this option must choose a major professor to act as the chair of their thesis committee and two additional committee members. Before beginning work on a thesis, a student must present a proposal to their committee for approval. The committee will direct and supervise the work carried out by the student. Student must take 6 credits of DIE 6971 Thesis in Dietetics & Nutrition.

Research (14)

IHS 6910/DIE 6568	Research Methods	3
DIE 6937	Graduate Seminar in Dietetic (two semesters)	1
DIE 6971	Thesis in Dietetics and Nutrition	6
STA 6166	Statistical Methods in Research	3

Masters Project Option

Master's Project is a non-thesis option. It affords the opportunity to conduct applied research, program planning, or program evaluation on a specific dietetics and nutrition problem, topic, or existing program in either a community or institutional setting. Students who select the Master's Project must choose a major professor to direct their project. The advisor and the student may identify other resource persons to serve in an advisory capacity for the project. Before beginning the project, student must present a project concept proposal to the major

professor. This project will be approved by the Graduate Program Director. Student will write a project report and present the study at an announced open forum similar to the thesis defense. This report will not be on file in the FIU library. Student must take 3 credits DIE 6907 Individual Study in Dietetics and an additional 3 credits in coursework in consultation with major professor.

Research (8)

IHS 6910/DIE 6568	Research Methods	3
DIE 6937	Graduate Seminar in Dietetic (two semesters)	1
STA 6166	Statistical Methods in Research	3

Coursework (6)

DIE 6907	Individual Study	3
Additional course	Approved by major advisor	3

UNIT-SPECIFIC GRADUATE ADMISSIONS STANDARDS

SCHOOL OF ARCHITECTURE
Nathaniel Belcher, Faculty Contact

Unit-Specific Graduate Admissions Standards

Statement:

Current Catalog Text

Admission to the Master of Architecture Program is determined by an extensive portfolio review that examines evidence of creative work, academic success, and professional achievement. Students who have successfully completed the portfolio review process must also meet the minimum requirements of an undergraduate grade point average (GPA) of 3.0 or a Graduate Record Examination (GRE) score of 1000 (or better) or hold a graduate degree from an accredited institution to be fully admitted in the graduate program.

Proposed New Catalog Text

Admission to the Master of Architecture Program is determined by an extensive portfolio review that examines evidence of creative work, academic success, and professional achievement. Students who have successfully completed the portfolio review process must also meet the minimum requirements of an undergraduate grade point average (GPA) of 3.0 or hold a graduate degree from an accredited institution to be fully admitted in the graduate program.

Rationale:

The School of Architecture has found that the Graduate Record Examination (GRE) is not a reliable predictor of the academic success of its applicants and it is not typically used in comparative evaluations of programs in its discipline.

Exceptions:

When the academic record is poor (less than 3.0 GPA), the applicant will take the GRE (minimum score – 1000) to compete for admission.

SCHOOL OF ARCHITECTURE
Nathaniel Belcher, Faculty Contact

Unit-Specific Graduate Admissions Standards

Statement:

Current Catalog Text

Proposed New Catalog Text

Admission to the Master of Landscape Architecture Program is determined by an extensive portfolio review that examines evidence of creative work, academic success, and professional achievement. Students who have successfully completed the portfolio review process must also meet the minimum requirements of an undergraduate grade point average (GPA) of 3.0 or hold a graduate degree from an accredited institution to be fully admitted in the graduate program.

Rationale:

The School of Architecture has found that the Graduate Record Examination (GRE) is not a reliable predictor of the academic success of its applicants and it is not typically used in comparative evaluations of programs in its discipline.

Exceptions:

When the academic record is poor (less than 3.0 GPA), the applicant will take the GRE (minimum score – 1000) to compete for admission.

COLLEGE OF ARTS & SCIENCES – NEW COURSE REQUESTS, LISTED BY DEPARTMENTS:

ART & ART HISTORY

ARH 4433 **Realism, Impressionism, and Post-Impressionism** **3 credits**
Examines the widespread engagement with modern life in European art from 1848 to 1900. Artists considered include Courbet, Manet, Monet, Renior, Degas, Seurat, Van Gogh, Gauguin, Cezanne, and Munch.

ART 4XXXC **Intermediate New Media** **3 credits**
Development of new media and electronic art skills for intermediate students with experience in digital media.

ART 5XXXC **Graduate Seminar: Body and Art** **3 credits**
Focus on the relationship between the body, materials, and space as used in art and exhibitions and examine the social conventions that order our understanding of these issues.

PGY 2100C **Photography for non-majors** **3 credits**
To introduce non-majors to basic skills of the camera and exposing and developing film.

PGY 3411C **Photography III/Techniques** **3 credits**
A study of materials and techniques of processing black and white photography.

PGY 4425C **Photography V Advanced** **3 credits**
Advanced photography black and white project development for the B.F.A. exhibition.

CHEMISTRY:

CHS 3XXX **Survey of Forensic Science** **3 credits**
A survey course introducing the principles and techniques of forensic science as they pertain to crime scene investigation and crime laboratory analysis.

CHS 4XXXC **Forensic Biochemistry Applications** **3 credits**
Forensic applications of Biochemistry including metabolite analysis, DNA analysis and other laboratory methods and data interpretation.

CHS 4XXXC **Forensic Evidence** **3 credits**
Introduces forensic science students to important aspects of the analysis of physical evidence including crime scene investigation techniques, professional practice and ethics, introduction to the law, and quality assurance.

COMPUTER SCIENCE:

CAP 5XXX **Introduction to Bioinformatics** **3 credits**
Introduction to bioinformatics; algorithmic, analytical and predictive tools and techniques; programming and visualization tools; machine learning; pattern discovery; analysis of sequence alignments, phylogeny data, gene expression data, and protein structure.

COP 4XXX **Survey of Database Systems** **3 credits**
Design & management of enterprise systems; concurrency techniques; distributed, object-oriented, spatial, and multimedia databases; database integration; datawarehousing & datamining; OLAP; XML interchange.

- CGS 4XXX Database Administration 3 credits
Client-server architecture; planning, installation, server configuration; user management; performance optimization; backup, restoration; security configuration; replication management; administrative tasks.
- COP 4XXX Unix System Administration 3 credits
Technique of Unix system administration: system configuration and management; user setup, management and accounting; software installation and configuration; network setup, configuration and management.
- CGS 5XXX Introduction to Bioinformatics Tools 2 credits
Introduction to bioinformatics; analytical and predictive tools; practical use of tools for sequence alignments, phylogeny, visualizations, patterns discovery, gene expression analysis, and protein structure.
- EARTH SCIENCES:**
- GLY 3XXX Applied Hydrogeology of South Florida 2 credits
Workshop introducing hydrogeology of South Florida, and laboratory and field techniques used to study groundwater.
- GLY 3XXX Introduction to Mineral Science 2 credits
Workshop introducing properties and uses of minerals, and the techniques used to investigate minerals.
- GLY 2XXX Visualizing Our World With GIS 2 credits
Visualization of geospatial data in the Earth Sciences with Geographic Information Systems. Topics include natural hazards, distribution of water, mineral, and energy resources, and urban sprawl.
- GLY 3XXX Workshop in South Florida and Caribbean Geology 3 credits
Workshop in the geology of South Florida and the Caribbean for science majors. Includes field trips in South Florida.
- GLY 5XXX Introduction to Lattice Boltzmann Methods 3 credits
The course will provide an introduction to Lattice Boltzmann methods for fluid dynamics simulation. Emphasis on multiphase fluids.
- GLY 5XXX Field Hydrogeology 3 credits
Field Methods in Hydrogeology. Drilling, logging, wells, data loggers, hydraulic conductivity/transmissivity measurements, purging, field chemistry parameter measurements, sampling methods.
- HISTORY:**
- ASH 3XXX History of Japan 3 credits
Survey of the history of Japan from the origins of Japanese civilization in the early centuries BCE to the contemporary era, with an in-depth focus on selected topics such as the transitions from classical to medieval and early modern to modern periods.
- INTERDISCIPLINARY:**
- ISC 4XXX Entrepreneurial Science Internship 1-20 credits
Internship in a faculty laboratory with emphasis on finding commercial applications of the laboratory's ongoing research.

- LAS 5XXX** Haiti Study Abroad 3 credits
Study abroad examination of Haitian Politics and Society . Part of Haitian Summer Institute.
- LAS 6XXX** Intelligence Issues in Latin America and the Caribbean 3 credits
Survey of US intelligence community and its interventions in Latin America and the Caribbean since its 1940's formation.
- WOMEN'S STUDIES:**
- WST 4905** Independent Study 1-3 credits
Supervised readings course designed for advanced students who wish to pursue specialized topics in women's studies. Arrangements must be made with faculty member during prior semester. Permission of instructor required.
- WST 4930** Special Topics 3 credits
Selected topics in Women's Studies. Subject of course varies with instructor.
- WST 4940** Womens' Studies Internship 1-3 credits
Supervised work experience in organization agency or business focused on women and/or girls. Prerequisite: one women's studies course & permission from Women's Studies Director.
- INTERNATIONAL RELATIONS:**
- GEO 5XXX** Remote Sensing 3 credits
Satellite image and aerial photo interpretation and analysis fundamentals.
- INR 3XXX** International Relations of South Asia 3 credits
Examines international relations of Indian subcontinent. Looks at basic patterns of international, political, economic, cultural, and ideological relations of the region.
- INR 4XXX** International Relations on Film 3 credits
Features popular films to analyze, interpret, conceptualize, and critique crucial aspects, issues, and events of international relations practice.
- INR 6XXX** Preparation: Comprehensive Examination 1-9 credits
Students prepare for comprehensive examination under the direction of a faculty member.
- INR 7XXX** Pre-Dissertation Research 1-9 credits
Students develop a dissertation proposal under the direction of a faculty member.
- MATHEMATICS:**
- MTG 4XXX** Differential Geometry 3 credits
Hypersurfaces in R^n . Geodesics and curvature. Parametrisation of surfaces, abstract manifolds. Integration, surfaces with boundary, Stokes Theorem. Isometries and intrinsic geometry. Gauss-Bonnet Theorem.
- MODERN LANGUAGES:**
- JPN 3XXX** Introduction to Kanji 3 credits
This course introduces students to the fundamental structure of Kanji (Chinese characters), including a comprehensive review of Kana system.
- POLITICAL SCIENCE:**
- CPO 6XXX** Seminar in Comparative Political Culture 3 credits
Examines culturalist theories in comparative politics, including postmaterialism, social capital, and civic culture. Students test hypotheses using survey data from prominent cross-national datasets.

CPO 6XXX **Seminar in Latin American Democratic Institutions** **3 credits**
 Reviews the role institutional design in promoting accountability in Latin American democracy, including presidentialism, party systems, legislatures, electoral laws, and federalism.

PSYCHOLOGY:

CLP 6XXX **Advanced Clinical Internship** **1-20 credits**
 Advanced clinical internship is the second semester of internship. Students receive supervision in advanced clinical technique and personal and professional development.

CLP 6XXX **Advanced Clinical Practicum** **1-20 credits**
 Allows students to practice clinical skills through participation in interactive classroom exercised while gaining clinical experience.

CLP 6XXX **Clinical Supervision in Mental Health Counseling** **1-20 credits**
 Supervised experience in clinical supervision techniques and methods.

DEP 4XXX **Current Issues in Cognitive and Perceptual Development in Infancy** **3 credits**
 An advanced undergraduate seminar that provides an in-depth analysis of current issues, methods, research, and theory of cognitive, perceptual, and social development during the first year of life. May be repeated.

DEP 4XXX **Integrating Research and Theory in Developmental Science** **3 credits**
 An advanced undergraduate seminar that integrates research in the lab with readings and discussion of current issues, theory , and methods in developmental science. May be repeated.

DEP 5XXX **Theory and Research Experience in Developmental Science** **3 credits**
 An advanced seminar that integrates research in the lab with readings and discussion of current issues, theory, and methods in developmental science. May be repeated.

PCO 5XXX **Group Theories and Practice** **3 credits**
 An overview of theoretical concepts and research findings relevant to group psychotherapy. Emphasis is on therapist issues, patient criteria, group structuring, and therapeutic techniques.

PCO 5XXX **Principles & Practice of Educational & Vocational Counseling** **3 credits**
 Psychological and counseling principles and theories of occupational, educational, and career development.

PCO 5XXX **Substance Abuse Theories and Processes** **3 credits**
 An overview of theoretical concepts and research findings relevant to theory and practice of substance abuse counseling and the psychology of addiction.

RELIGIOUS STUDIES:

REL 3XXX **Zen and the Tea Ceremony** **3 credits**
 Theory, practice, aesthetics and cultural history of Chado, the tea ceremony of Zen Buddhism.

- SAL 2XXX Sanskrit I – Basic Sanskrit 3 credits
Basic Sanskrit skills including Devanagiri alphabet; fundamentals of oral communication; grammar; use of dictionary; history of Sanskrit languages and literature.
- SAL 2XXX Sanskrit II – Parinian Sanskrit 3 credits
Basic elementary Sanskrit alphabet and phonetics, grammar and syntax, formation and understanding of simple sentences common Sanskrit terms used in Hindu literature relationship to other languages.
- SAL 3XXX Sanskrit III – Epic Sanskrit 3 credits
Reading and literary analysis of representative Sanskrit epic literature. The Bhagavad Gita will be the focus of attention.
- SAL 3XXX Sanskrit IV – Sanskrit Composition 3 credits
Advanced aspects of poetic structures and literary styles of Sanskrit literature. Foci will be the Panchatantra and the works of Kalidasa.
- THEATRE AND DANCE:**
- DAA 1XXX African Diaspora Dance I 3 credits
An introductory course in African and African diaspora dance techniques. Includes readings and discussions of historical and cultural contexts of the dances. May be repeated.
- DAN 3XXX Performance Studies 3 credits
Introduction to the major philosophical and aesthetic theories of 20th and 21st century choreographers representing a broad socio-historical context.
- DAN 4XXX Contemporary Issues in Choreography 3 credits
Explores the complex historic and current social, political and cultural issues that contemporary choreographers reference in the creation of new works.

COLLEGE OF ARTS & SCIENCES – COURSE CHANGE/DELETION REQUESTS, LISTED BY DEPARTMENT:

ART & ART HISTORY:

- ARH 4432 Enlight & Romantic
New Description: Examines the art of the European Enlightenment and Romantic Movement from 1700 to 1848, Artists considered include Watteau, Greuze, David, Goya, Blake, Ingres, Gericault, Dlacroix, and Friedrich.
New Prerequisites: ARH 2051 or permission of instructor
- ART 5185 Delete
- ART 5813C New Description: Explores the genre of installation of art and site-specific art through history and provides a context for collaboration with the Wolfsonian Museum as both site and subject for art specific installation by students.
New Prerequisite: permission of instructor
- ART 5907C New Description: A course of study in a selected area under the supervision of an appropriate faculty member. Mandatory for M.F.A. students in semester of graduation. Advance approval by faculty and graduate advisory required.
- ART 6971C New Description: Offers students the opportunity to complete the research and preparation of written components required for graduation, including thesis and artist statement.
New prerequisite: completion of graduate program courses other than ART 5907C

PGY 3410C New prerequisite: PGY 2401C

PGY 4420C New Prerequisite: PGY 3411C

CHEMISTRY:

CHS 4503 New course number: CHS 4503C

COMPUTER SCIENCE:

CGS 2518 Computer Data Analysis

COP 4555 New Prerequisite: COP 3530

ENVIRONMENTAL STUDIES:

EVR 4352C New prerequisite: EVR 3011 or permission of instructor

EVR 4415C New Prerequisite: EVR 3011 and STA 3111 or permission of instructor

EVR 4869L New Description: Examines environmental problems through computer modeling of environmental systems. Includes model development and performance evaluation.

New Prerequisite: STA 3111, EVR 3010, EVR 3011 or permission of instructor

INTERNATIONAL RELATIONS:

GEO 3176 New course number: GEO 4176

INR 6609 New course number: INR 5609

MATHEMATICS:

MAC 2311 New Description: Limit, derivatives and their formulas, applications of derivatives, introduction to anti derivatives, introduction to parametric curves.

MAC 2312 New Description: Riemann Sums, integration, and applications of the integral. Infinite series, Polar coordinates and parametric curves.

MAS 5145 New Description: Vector spaces and linear maps, solutions of linear systems, orthogonal projection and QR factorization, determinant and eigenvalues of a matrix.

MODERN LANGUAGES:

FRE 2443 French for Business

JPN 3500 Japanese Culture and Society

RELIGIOUS STUDIES:

REL 3026 Folk Religions in Asia and the World

SOCIOLOGY/ANTHROPOLOGY

ANT 3241 New Description: Surveys anthropological approaches to the study of myth, ritual, and mysticism as religious and symbolic systems. The social and psychological functions of myth and ritual in small-scale and complex societies will be compared.

ANT 3404 New description: Examines systems of interaction between humans and their environment; the roles of social, cultural, and psychological factors in the maintenance and disruption of ecosystems; and interrelations of technological and environmental changes.

- ANT 3451C** **New Description:** Considers ethnicity and concepts of race in cross-cultural perspective, with emphasis on the historical and cultural and construction of identity, intercultural relationships, and social stratification.
- ANT 3476C** Deleted
- ANT 3640** **New Description:** Examines the relationship between language and culture, with emphasis on the linguistic structuring of perception and culture; speech styles and their relationship to the identities and inequalities associated with genders, class and ethnicity; and the politics of bilingualism and multilingual nations.
- ANT 4211** **New Description:** Surveys selected world areas with an emphasis on ethnicity, social stratification, and processes of social change and globalization. Areas to be studied may include (1) North America, (2) South or Latin America; (3) the Caribbean; (4) Africa; and (5) Asia. Specific topics may vary. May be repeated for credit with change of topic.
- ANT 4224** Deleted
- ANT 4332** **New Description:** Examines cultures and societies of the Latin American region. Topics may include indigenous and peasant cultures, social movements, urban and global transformations, and class, gender and ethnicity.
- ANT 4340** **New Description:** Provides an overview of cultures and societies of the Caribbean and Circum-Caribbean region with a focus on local cultures and their historical transformations, transnationalism and globalization, and class, gender and ethnicity.
- ANT 4343** **New Description:** Examines the culture of contemporary Cuba, with emphasis on the Cuban Republic, the transformations associated with the 1959 revolution, the impact of international relations, and transnational Cuban communities.
- ANT 4552** Deleted
- SYA 4010** **New Description:** An advanced analysis of classical and contemporary sociological theories, with particular attention paid to their conceptions of the nature of society, form of social organization and social change, and relationships among the individual, groups, and society.
- SYA 4621** Deleted
- SYO 3120C** **New Description:** Considers marriage and kinship, and their relationships with political, economic, cultural and social factors. Emphasizes the distinction between family and other social units and the changing social arrangements and expectations associated with family and gender roles.
- SYO 4200** Deleted
- SYO 4530** **New Description:** Examines various forms of social stratification and political and economic systems. Topics may included the identities and inequalities associated with class, ethnicity and gender; the relationships among social structure, ideology and the state; and social justice movements.

SYP 3000 **New Description:** Introduction to the study of the individual as a social being, with emphasis on theoretical conceptions of the relationship between the individual and society, and structural and cultural constraints versus individual agency.

SYP 3300 **New Description:** An introduction to the study of social movements, with emphasis on their relationship with social inequalities, identities, political and cultural conflict, and state authority as organized at the national, subnational, and transnational levels. Topics may include a comparison of historical and contemporary social movements, local, national and transnational movements; and the relationship between mass media, public attitudes, and social action.

SYP 4421C **New Description:** An introduction to the social, cultural, and political changes associated with the development of science and technology. Topics may include structural inequalities associated with differences in access to science and technology; ethical debates related to scientific and technological advances; and the relationship between technology and changing forms of communication, community, and social action.

SYP 4733 Deleted

STATISTICS:

STA 1013 **New Prerequisite:** High School Algebra

STA 2023 **New Prerequisite:** High School Algebra

STA 2122 **New Prerequisite:** High School Algebra

STA 3111 **New Prerequisite:** High School Algebra

STA 3145 **New Prerequisite:** High School Algebra

STA 3163 **New Prerequisite:** A course in statistics or MAC 2312, or high school equivalent

STA 4202 **New Prerequisite:** STA 3163 or STA 3112 or STA 3123 or STA 4322

STA 5106 **New Prerequisite:** STA 3111 or STA 3123 or STA 3053; and graduate standing

STA 5126 **New Prerequisite:** STA 3123 or STA 3112 or STA 3163 or STA 4322 or equivalent

THEATRE AND DANCE:

DAA 1101 Deleted

DAA 1201 Deleted

DAA 2104 **New Description:** A continuation of techniques in modern dance with emphasis on increased complexity, musicality and readings in dance history. May be repeated.
New prerequisite: DAA 1100

DAA 2105 Deleted

DAA 2204 **New prerequisite:** Ballet 1200 or permission of instructor

DAA 2205 Deleted

DAA 2332	Deleted
DAA 2333	New Description: A beginning/intermediate technique class in African and African diaspora influenced dance. Emphasis on increased complexity and musicality. Readings in African Dance and Culture. May be repeated. Permission of instructor.
DAA 2610	New Description: Introductory course in Dance Composition. Improvisation, movement invention and basic choreographic forms are introduced and explored. Permission of instructor.
DAA 2611	New Description: Choreographic devices are explored for movement invention and organized in choreographic forms. Solo and small group choreography emphasized.
DAA 3109	Deleted
DAA 3209	Deleted
DAA 3344	New Description: An intermediate level technique class in African and African Diaspora influenced dance techniques. May be repeated. New prerequisite: DAA 2333 or permission of instructor
DAA 3395	Change from 2 to 3 credits
DAA 3654	Change from 2 to 1 credits
DAA 4012	Deleted
DAA 4013	Deleted
DAA 4111	Deleted
DAA 4211	Deleted
DAA 4394	Deleted
DAA 4930	Change from 3-12 to 3 credits
DAN 1400	Deleted
DAN 1600	Change from 2 to 3 credits.
DAN 3714	New Description: Concert dance is the referent model for studying and analyzing human movement. Anatomy, physiology and individual differences considered. Permission of instructor.
DAN 4154	Deleted
DAN 4180	New prerequisite: DAN 4137 Change from 1 to 2 credits
DAN 4940	<u>Field Experience</u>
DAN 4970	Change from 2 to 1 credit
SSI 4XXX	Deleted

- THE 4370** **New Description: Intensive play reading and discussion from early modern through contemporary.**
- THE 4970** **Deleted**
- THE 4971** **New prerequisite: Permission of instructor. Theatre majors only.**
- THE 4972** **New prerequisite: Permission of advisor.**
- TPA 2010** **New Prerequisite: TPA 2210 (F,S)**
- TPA 2210** **New Prerequisite: Permission of advisor (F,S)**
- TPA 3040** **New Prerequisite: TPA 3230 and permission of instructor**
- TPA 3060** **New Prerequisite: TPA 2210**
- TPA 3930** **New Description: Lecture-lab studies in particular areas of theatre production, one area per semester, including stage management, prop making, sound design, special effects. May be repeated 3 times for up to 9 credits.**
New Prerequisite: Permission of instructor.
- TPP 1120** **Deleted**
- TPP 2111** **New Prerequisite: TPP 1110 and permission of advisor (S)**
- TPP 2710** **Corequisite: TPP 3510, TPP 2112.**
Prerequisite: TPP 2111 and permission of advisor
- TPP 3304** **New Prerequisite: Permission of advisor**
- TPP 3310** **New Prerequisite: TPP 3113 and TPP 3304 (S)**
- TPP 3510** **Corequisite: TPP 2112 and TPP 2710 (F)**
- TPP 3511** **New Prerequisite: TPP 2112, TPP 2710, TPP 3510**
Corequisite: TPP 3113, TPP 3711 (S)
- TPP 3711** **New Prerequisite: TPP 2710, TPP 2112, TPP 3510 and permission of instructor.**
Corequisite: TPP 3113, TPP 3511 (S)
- TPP 3730** **New Prerequisite: TPP 3165 or permission of advisor**
- TPP 3923** **New Prerequisite: permission of advisor**
- TPP 4XXX** **New Prerequisite: TPP 3511**
- TPP 4117** **New Prerequisite: TPP 4114 and permission of advisor.**
Corequisite: TPP 3165
- TPP 4221** **Deleted**
- TPP 4224** **New Prerequisite: TPP 4117, TPP 3165 and permission of advisor**
- TPP 4265** **New Prerequisite: TPP 4224**

- TPP 4311 New Prerequisite: Permission of advisor
- TPP 4531 New Prerequisite: TPP 3511
- TPP 4920 New Prerequisite: TPP 3113 or permission of advisor.

COLLEGE OF BUSINESS – NEW COURSE REQUESTS, LISTED BY DEPARTMENT:**FINANCE:**

- FIN 4XXX The Business of the Financial Industry 3 credits
 Course examines ethical dilemmas confronting organizations and individuals within a peer group. Topics: human behavior in groups, history of markets, securities law, current events.

COLLEGE OF BUSINESS – COURSE CHANGE/DELETION REQUESTS, LISTED BY DEPARTMENT:**ACCOUNTING:**

- BUL 4310C New Prerequisite: Students must be fully admitted to the College of Business

COLLEGE OF EDUCATION – NEW COURSE REQUESTS, LISTED BY DEPARTMENT:**HEALTH, PHYSICAL EDUCATION AND RECREATION:**

- PET 3XXX Competitive Olympic Judo I 3 credits
 This course will enable a judo practioner, yellow/orange belt to obtain the necessary skills and strategies to compete in a local and state level competition.
- PET 3XXX Competitive Olympic Judo II 3 credits
 This course will enable a judo practioner green/blue to obtain the necessary skills and strategies to compete in a state and regional level competition.
- PET 6XXX Human Performance in Extreme Environments 3 credits
 Maintaining optimal health, fitness, and performance during physical work in stressful environments including heat, altitude, cold and underwater pressure.

COLLEGE OF ENGINEERING – NEW COURSE REQUESTS, LISTED BY DEPARTMENTS:**MECHANICAL & MATERIALS ENGINEERING:**

- EMA 5XXX Nanoelectronic Materials 3 credits
 Course provides an understanding of nanotechnology based on materials engineering. Topics include energy bands in semiconductors, MOSFET scaling, materials processing and other applications.
- EML 6XXX Mechanical and Materials Engineering Internship 1 credits
 Graduate students gain work experience through supervised internship in industry. The student prepares internship program proposal, and the work performed is documented in a report and presented.
- EML 6XXX Microscale Transport Phenomena 3 credits
 Transport phenomena in small length and time scales are studied. Deviations from classical behavior are addressed. Applications include heat transfer in electronics, MEMS, and laser machining.

COLLEGE OF ENGINEERING – COURSE CHANGE/DELETION REQUESTS, LISTED BY DEPARTMENTS:**COMPUTER ENGINEERING:**

- EEL 4747 Change from 3 to 4 credits

COLLEGE OF HEALTH AND URBAN AFFAIRS – COURSE CHANGE/DELETION REQUESTS, LISTED BY DEPARTMENTS:

DIETETICS & NUTRITION:

DIE 3125 **New Prerequisite: FSS 3233C**

DIE 3244C **New Prerequisite: CHM 2200 or equivalent, HSC 3549 or equivalent, HUN 4403**

DIE 3434C **Pre or corequisite: FOS 3021, HUN 4403**

HUN 4241C **Prerequisites: Biochemistry**

DIE 4435C **Prerequisites: DIE 3244, DIE 3434**
Co-requisites: DIE 4246

SOCIAL WORK:

SOW 4511C **Prerequisites: SOW 3620**

SOW 5532C **Pre or co-requisites: SOW 5629**

SCHOOL OF ARCHITECTURE – NEW COURSE REQUESTS, LISTED BY DEPARTMENT:**ARCHITECTURE:**

- ARC 3XXX **Design Presentation Graphics** **3 credits**
Exploration of design presentation techniques and portfolio design through the use of digital photography, digital illustration, desk top publishing and web page.
- ARC 3XXX **Solar Decathlon** **1 credit**
Research based course to develop the architectural and engineering concepts for the solar decathlon house.
- ARC 4XXX **Miami in Film** **3 credits**
How the natural and built environment of South Florida is portrayed in films.
- ARC 4XXX **Urban Architecture and the 20th Century** **3 credits**
The course will examine debates on urban architecture surrounding the rise of MM Modernism in the 1920's and will follow those lines of thought into current discussions of architectural design in cities.
- ARC 4175 **Architecture and the Virtual Environment** **3 credits**
Implementation of virtual reality technology in architectural representations of existing and proposed built environments for presentation and design research.
- ARC 4786 **Social History of the Built Form** **3 credits**
The art of urbanism, its roots in society, its techniques and aesthetics. Latest trends and theories. Real urbanism, the appropriate contemporary process to achieve the recovery of place in our society.
- ARC 4940 **Architecture Internship** **3 credits**
Advanced issues in architecture practice learned through work experience with licensed professionals.
- ARC 5XXX **Architecture and Video Media** **3 credits**
This course will examine intersection between architecture and video media from critical historical and contemporary perspectives.
- ARC 5XXX **Design Presentation Graphics** **3 credits**
Exploration of design presentation techniques and portfolio design through the use of digital photography, digital illustration, desk top publishing and web page.

ARC 5XXX	<u>Miami in Film</u> How the natural and built environment of South Florida is portrayed in films.	3 credits
ARC 5XXX	<u>Solar Decathlon</u> Research based course to develop the architectural and engineering concepts for the solar decathlon house.	1 credit
ARC 5XXX	<u>Urban Architecture and the 20th Century</u> The course will examine debates on urban architecture surrounding the rise of MM Modernism in the 1920's and will follow those lines of thought into current discussions of architectural design in cities.	3 credits
ARC 5175	<u>Architecture and the Virtual Environment</u> Implementation of virtual reality technology in architectural representations of existing and proposed built environments for presentation and design research.	3 credits
IND 3130	<u>History of Modern Interior Design</u> Analysis of 20 th century architectural interiors, furniture and decorative arts from 1890-present.	3 credits
IND 4940	<u>Interior Design Internship</u> Advanced issues in interior design practice learned through work experience with licensed professionals.	3 credits
LAA 3XXX	<u>South Florida Landscapes</u> Introduction to the study of the structure, function, and change in the natural and cultural landscapes of tropical and subtropical Florida.	3 credits

SCHOOL OF ARCHITECTURE – COURSE CHANGE/DELETION REQUESTS, LISTED BY DEPARTMENTS:

ARCHITECTURE:

ARC 4270C	New Description: Assignments in office administration, negotiation of contracts, fee structure, professional ethics, client and public relation. Business organization, procedure scheduling and tack allocation within design professional practices.
ARC 4324	ARC 3320
ARC 4335	ARC 3321
ARC 4343	ARC 4323
ARC 4342	ARC 4322
ARC 4553	New Description: Exploration of structural specifications as outlined by appropriate codes and manuals to introduce structural analysis, loadings and structural elements commonly encountered in construction for architectural analysis and design. New Prerequisite: ARC 2580
ARC 4783	<u>History of Architecture from XIX Century to Present</u>
ARC 6910	New Description: Coursework under the direction of faculty in preparation for a Master of Architecture research or design thesis. New Prerequisite: ARC 6947

ARC 6971 **New Description:** Coursework under the direction of faculty for the completion of a research or design thesis by candidate for the degree of Master of Architecture.
New Prerequisite: ARC 6910

INTERIOR DESIGN:

IND 2423 **IND 3XXXC Co-requisite:** IND 3215, IND 3451. **Prerequisite:** ARC 1461, ARC 2580.

IND 2430 **New Prerequisites:** IND 3215 or ARC 4324

IND 3215 **Co-requisite:** IND 3451, IND 3423

IND 3216 **New Prerequisite:** IND 3215, IND 3451, IND 3423. **Co-requisite:** ARC 4270

IND 3451 **New Prerequisite:** ARC 1461, ARC 2580. **Co-requisite:** IND 3215, IND 3423.

IND 3455 **IND 4XXXC Advanced Construction Documents**
Advanced production of construction documents. Includes design of architectural details, material specification, integration of building systems, and application of life safety-accessibility issues.
New prerequisite: IND 3451, IND 3423, IND 3216

IND 4225 **Co-requisite:** IND 4455

IND 4311 **New Description:** Use of color in the built environment including principle color systems, methods of color harmony, effects of visual phenomena, and various psychological, cultural and historical implications.
New Prerequisite: IND 3216

IND 4943 **IND 4943C Change from 1 to 3 credits.**
New Description: Preparation of program for the final interior design studio project. Instruction on methods of information gathering, analysis, and evaluation. Environment and behavior theories will be explored.

LANDSCAPE ARCHITECTURE:

LAA 6937 **New Description:** Coursework under the direction of faculty in preparation for a Master of Landscape Architecture research or design thesis.
New Prerequisite: LAA 6382, LAA 6916

LAA 6971 **New Description:** Coursework under the direction of faculty for the completion of a research or design thesis by candidate for the degree Master of Landscape Architecture.

SCHOOL OF HOSPITALITY – NEW COURSE REQUESTS, LISTED BY DEPARTMENT:

HOSPITALITY/TOURISM MANAGEMENT:

HFT 3XXX **Wines of the France & Italy** **3 credits**
A survey of the wines of the New World focusing on French and Italian wine grapes, the most common methods of wine production; French and Italian wine classification systems.

HFT 6XXX **Prof. Michael Hurst Distinguished Leaders Lecture Series** **3 credits**
Attendance in the Professor Michael Hurst Distinguished Leaders Lecture Series is mandatory for all Graduate Students in the School of Hospitality & Tourism Management.

SCHOOL OF HOSPITALITY – COURSE CHANGE/DELETION REOUESTS, LISTED BY DEPARTMENT:**HOSPITALITY/TOURISM MANAGEMENT:**

FSS 4241C	New Prerequisite: FSS 3230
FSS 6108	New Prerequisite: FSS 3230
FSS 6365	New Prerequisite: FSS 3230
FSS 6452	New Prerequisite: recommended HFT 4343
FSS 6834	New Prerequisite: HFT 6586
HFT 3000	Deleted
HFT 4222	New Prerequisite: HFT 3210
HFT 4274	New Prerequisite: HFT 3210
HFT 4284	New Prerequisite: HFT 3210
HFT 4504	New Prerequisite: Delete HFT 3503 – Add HFT 3423 or permission of instructor
HFT 4508	New Prerequisite: HFT 3503 or HFT 4509
HFT 4512	New Prerequisite: HFT 3503 or HFT 4509
HFT 4514	New Prerequisite: HFT 3503 or HFT 4509
HFT 4604	New Prerequisite: HFT 3603 or HFT 4727
HFT 4654	New Prerequisite: HFT 3603 or HFT 4727, HFT 4464
HFT 4708	New Prerequisite: HFT 3210 or HFT 3713
HFT 4711	New Prerequisite: HFT 3210 or HFT 3713
HFT 4763	<u>Computer Reservation Systems</u>
HFT 4785	New Prerequisite: HFT 3210
HFT 4805	New Prerequisite: HFT 3210
HFT 4803	Deleted
HFT 4874	New Prerequisite: HFT 3210 or HFT 3713
HFT 4936	New Prerequisite: HFT 3210
HFT 5655	New Prerequisite: HFT 3603 or HFT 4727
HFT 5719	New Prerequisite: HFT 3713
HFT 5901	New Prerequisite: Permission
HFT 6XXX	New Prerequisite: HFT 3423 or equivalent

HFT 6XXX	New Description: This course will present an overview of the role of hospitality industry asset managers as well as an in-depth study of the techniques and practices employed by them in their representation of ownership. New Prerequisite: HFT 4464, HFT 4474
HFT 6XXX	New Description: Introduce and develop the student's understanding of the scope and application of revenue management in service companies of the hospitality and tourism industries. New Prerequisite: HFT 3503 or HFT 4509
HFT 6208	New Prerequisite: HFT 4464 or HFT 4465
HFT 6245	New Prerequisite: HFT 3503 or HFT 4509
HFT 6299	New Prerequisite: HFT 4464
HFT 6447	New Prerequisite: HFT 3432, HFT 6446
HFT 6472	New Prerequisite: HFT 4464, HFT 4465, HFT 4509, HFT 3503
HFT 6476	New Prerequisite: HFT 3503, HFT 4464, HFT 4474
HFT 6507	New Prerequisite: HFT 3503, HFT 4509
HFT 6525	New Prerequisite: HFT 3503, HFT 4509
HFT 6526	New Prerequisite: HFT 3503, HFT 4509
HFT 6596	New Prerequisite: HFT 3503, HFT 4509
HFT 6605	New Prerequisite: HFT 3603, HFT 4727
HFT 6607	New Prerequisite: HFT 3603, HFT 4727
HFT 6697	New Prerequisite: HFT 3603 or HFT 4727
HFT 6706	New Prerequisite: HFT 3713 or permission
HFT 6711	New Prerequisite: ECO 2013
HFT 6712	New Prerequisite: HFT 3713 or permission
HFT 3715	New Prerequisite: HFT 3713 or permission
HFT 6863	New Prerequisite: 21 years old
HFT 6916	New Prerequisite: HFT 6586