2016-2017 UNDERGRADUATE COURSE REVIEW COMMITTEE MINUTES
Tuesday, December 6, 2016, College of Sciences 221

Attending: Teresa Dorman, Mark Hall, Dorilyn Hitchcock, Keisha Hoerrner, Bobby Hoffman, Elizabeth Kichen, Lynn Hepner, Charles Reilly, Mohtashem Samsam, Kristen Schellhase, Frank Tamberelli, John Venecek, Ross Wolf, Youcheng Wang

Keisha Hoerrner called the meeting to order at 12:00 p.m.

November 1st meeting minutes approved

All M&S fees approved

Course Review Agenda:

Approved Course Additions and Course Revisions go into effect on May 1, 2017.

College of Arts and Humanities Course Additions: Approved
College of Engineering and Computer Science Course Additions: Approved
College Health and Public Affairs Course Additions: Approved

College of Arts and Humanities Special Topics: Approved
The Burnett Honors College Special Topics: Approved

College of Arts and Humanities Course Revisions: Approved
College of Business Administration Course Revisions: Approved
College of Engineering and Computer Science Course Revisions: Approved
College Health and Public Affairs Course Revisions: Approved
College of Optics and Photonics Course Revisions: Approved
College of Sciences Course Revisions: COM 3330 tabled, all others were approved
Rosen College of Hospitality Management Course Revisions: Approved

All Course Deletions and Continuations were moved to the January 10th meeting, ran out of time.

The meeting adjourned at 1:10 p.m.

Course Agenda

1. Course Additions

College of Arts and Humanities Course Additions

AMH 4XXX   **CAH-HIST**   **3(3,0)**
American Car Culture : PR: AMH 2010 and AMH 2020 or C.I. An interdisciplinary examination of American history and the emergence of car culture from the late nineteenth-century. *Spring.*
Abbrev: (20 of 30 chars) American Car Culture
Discussion with others: We've discussed this course with Writing and Rhetoric and Sociology. There are no conflicts.
Rationale: The addition of this course widens the university's curriculum to include techno-political interpretation.
Majors taking course: History majors, engineering students

HIS 3XXX   **CAH-HIST**   **3(3,0)**
History Museums & Digital Spaces : PR: AMH 2010 and AMH 2020 or C.I. Introduces students to the principles, theories and methods related to curating historical objects, content and photos in a modern media environment. *Even Spring.*
Abbrev: (30 of 30 chars) Hist. Museums & Digital Spaces
Discussion with others: We've discussed this course with Philosophy, Interdisciplinary Studies, Anthropology, and the Center for Humanities and Digital Research. There are no conflicts.
Rationale: Over the years I have been working through service learning course that partner with museum to create digital content and exhibits. These courses have been taught through other content area courses where the theory and literature of curation is only briefly covered. This course will allow students to explore the role of the history museum and curation in the digital age.
Majors taking course: History/Anthropology/SVAD/Interdisciplinary Studies

WOH 4XXX   **CAH-HIST**   **3(3,0)**
History of the Global Drug Trade: PR: WOH 2022 or C.I. The global history of struggles over the production, circulation, and consumption of illicit drugs from the early modern period to the present. *Occasional.*
Abbrev: (25 of 30 chars) History Global Drug Trade
Discussion with others: We've contacted Anthropology, Sociology, Political Science, and Criminal Justice. There is no conflict of interest. Emailed attached.
Rationale: This new course adds diverse, international and engaging breadth to existing courses for the UCF community.
Majors taking course: n/a

JST 3XXX   **CAH-JUD**   **3(3,0)**

Judaism and Science: PR: ENC 1102. An examination of the relationship between Judaism and modern science, including biblical, rabbinic and mystical teachings, with a focus on creation, cosmology and human life. *Occasional.*
Abbrev: (19 of 30 chars) Judaism and Science
Rationale: It contributes to an understanding of the challenges in reconciling science and religion and provides a basis for ongoing dialogue between students and professionals of both fields.
Majors taking course: Judaic Studies, Philosophy, Middle Eastern Studies, and Science students

FRT 3XXX   **CAH-LANG**   **3(3,0)**
French Translation and Interpretation: PR: FRE 3300 and FRE 3420 or FRE 4422. Explores the basic concepts of English/French, French/English translation and interpretation. *Occasional.*
Abbrev: (30 of 30 chars) FRE Translation Interpretation
Rationale: We are the only department teaching French. We do not have an existing course in translation. This course will be the first of a series created for the French certificate in translation, currently in creation.

FRT 4XXX   **CAH-LANG**   **3(3,0)**
Field Research in Sociolinguistics: PR: FRE 1121C. An interdisciplinary seminar to introduce students to the tools and concepts of qualitative sociological, cultural and linguistic field research. *Occasional.*
Abbrev: (29 of 30 chars) Fld Research Sociolinguistics
Discussion with others: We've had discussions with Sociology and English. There are no conflicts.
Rationale: This course provides field research training for all humanities majors and minors, and Is intended to fulfill a need in linguistics in the French Program.

KOR 2XXX   **CAH-LANG**   **3(3,0)**
Intermediate Korean I : PR: KOR 1121C or equivalent. Development of language skills and cultural knowledge at the intermediate level. *Spring, Fall.*
Abbrev: (21 of 30 chars) Intermediate Korean I
Rationale: To expand our offerings in Korean. This will allow students from KOR1121 to continue their study of the language, and also to accommodate students who may come to UCF with a background in Korean. Further, pending approval of the modification to the program, Korean is being added as a language that will count toward the Asian Studies minor.

KOR 2XXX   **CAH-LANG**   **3(3,0)**
Intermediate Korean II: PR: KOR2XXX Intermediate Korean I or equivalent. Continuation of Intermediate Korean I with emphasis on Korean civilization. *Spring, Fall.*
Abbrev: (22 of 30 chars) Intermediate Korean II
Rationale: To expand our offerings in Korean. This will allow students from KOR1121 to continue their study of the language, and also to accommodate students who may come to UCF with a background in Korean. Further, pending approval of the modification to the program, Korean is being added as a language that will count toward the Asian Studies minor.

SPW 4XXX   **CAH-LANG**   **3(3,0)**

Spanish Medieval Literature : PR: SPW 3100 or C.I. This course will cover the main works of the Spanish Medieval literature and culture with emphasis on contemporary adaptations of the themes in theatre and film. *Occasional.*
Abbrev: (27 of 30 chars) Spanish Medieval Literature
Rationale: The Department does not have a course for undergraduate students with emphasis on the Spanish Medieval works. This initiative has been discussed with the organizer of the Minor in Medieval & Renaissance Studies, Dr. Tison Pugh, who supports and encourages this initiative as well.

MUN 3XXX   **CAH-MUSIC**   **1(1,0)**
New Music Ensemble : PR: C.I. Open to all students by audition. Performance-oriented chamber group focused on a diverse repertoire from the 20th and 21st-century. *Spring, Fall.*
Abbrev: (18 of 30 chars) New Music Ensemble
Repeat For Credit: True   Max Times: 8
Rationale: This course will allow students an opportunity to perform modern works and work with contemporary composers to expanded their repertoire.
Majors taking course: Music Majors

FIL 4XXXC   **CAH-SVAD**   **3(3,2)**
Film Marketing and Exhibition: PR: Film BA or Film BFA major. The process of film festival marketing is examined and practiced in conjunction with local film festivals. *Spring.*
Abbrev: (29 of 30 chars) Film Marketing and Exhibition
Rationale: The Enzian Cinema holds the Florida Film Festival every spring and our students work with the festival contestants to learn how to market films. The Film Producer course has been the stopgap when the Guerilla Marketing course expired. We want to keep Film Producer as a regular class about producers, and introduce this course to become the festival experience.

College of Engineering and Computer Science Course Additions

CIS 4XXXC   **ECS-CS**   **3(3,1)**
Cloud Computing Management: PR: CGS 3763 or COP 4600 with a grade of "C" (2.0) or better. Administration of cloud computing. Topics include virtualization, container, resource management, programming models, application models, and system administration. Real-world Cloud Computing systems and tools, such as OpenStack, Amazon/Microsoft/Google public cloud systems, as well as Hadoop and Spark. *Spring.*
Abbrev: (26 of 30 chars) Cloud Computing Management
Rationale: The course provides essential practical training in Cloud Computing for undergraduate students majoring in IT and CS.

EEL 3XXX   **ECS-ECE**   **3(3,0)**
Introduction to Randomness: PR: MAC 2312 with a grade of "C" (2.0) or better. Axioms of probability, conditional probability, independence, law of total probability, random variables, probability distributions and density functions, second order statistics, joint distributions, random vectors, limit theorems, transformations of random variables. *Spring.*
Abbrev: (26 of 30 chars) Introduction to Randomness

Rationale: The GEP course offered by another department (STA 3032) does not cover what our students need for understanding communication systems and concepts like error probability, noise, etc.

Majors taking course: Electrical and Computer Engineering

EEL 3XXX **ECS-ECE** **3(3,0)**
Global Energy Issues: PR: EEL 3004C with a grade of "C" (2.0) or better. Critically examines issues associated with the technical, economic, societal, environmental, and geopolitical aspects of energy. Taught through lectures and discussions. *Spring.*
Abbrev: (20 of 30 chars) Global Energy Issues
Rationale: It contributes to our power and energy track by giving an overview of energy issues to undergraduate students who are interested in pursuing energy career after graduation. Formerly taught as a special topics course.

Majors taking course: ECE Undergraduates: Junior or Senior

EEL 3XXXL **ECS-ECE** **1(0,3)**
Junior Design: CR: EEE 3307C and EEL 4742C. Preparatory skills are developed for Senior Design: Engineering design requirements specifications, test equipment utilization, microcontroller development tool usage, schematic capture and PCB design tools. *Spring, Fall.*
Abbrev: (13 of 30 chars) Junior Design
Rationale: This course prepare student for their Senior capstone design courses. This course provides and introduction to project definition through development of appropriate engineering design requirements specifications. Analog hardware design, test equipment utilization, microcontroller development tool usage, schematic capture and PCB design tools. These ECE skills are utilized in the Senior Design course sequence.

EEL 4XXX **ECS-ECE** **3(3,0)**
Post-CMOS Devices and Circuits: PR: EEE 3342C with a grade of "C" (2.0) or better and EEE 3307C. Post-CMOS device technologies for next-generation energy efficient memory and logic designs. *Fall.*
Abbrev: (30 of 30 chars) Post-CMOS Devices and Circuits
Rationale: As Complementary Metal Oxide Semiconductor (CMOS) technology begins to face significant scaling challenges, both academia and semiconductor industry begins to explore emerging post-CMOS device technologies for next-generation energy efficient data storage and information processing. It will make our ECE students more competitive in the future job market.

EIN 4XXX **ECS-IEMS** **4(4,0)**
Facilities Planning and Work Design: PR: STA 3032 with a grade of "C" (2.0) or better. Introduces fundamental concepts in facility planning, material handling systems and work analysis/design including work space/flow analysis, layout, warehousing operations and work measurement. *Fall.*
Abbrev: (33 of 30 chars) Facility Planning and Work Design
Rationale: Currently we have 2 courses (EIN 3314 and EIN 4364) for a total of 6 hrs. This change will allow content to be more focused and line up with other BSIE programs. This change eliminates prereqs/timing issues which in some cases extend the time to graduation.

Majors taking course: Industrial Engineering

ESI 4XXX   **ECS-IEMS**   3(3,0)
Stochastic Methods for Operations Research: PR: STA 3032 with a grade of "C" (2.0) or better. Introduction to techniques of operations research involving probabilistic and stochastic models. Topics include stochastic processes (e.g. Poisson and Markovian processes, Queuing Theory, and Stochastic Programming). *Spring.*
Abbrev: (25 of 30 chars) Stochastic Methods for OR
Rationale: Currently we do not have a course in stochastic methods. This change will allow our students to strengthen their operations research background and line up with other BSIE programs.
Majors taking course: Industrial Engineering

College of Health and Public Affairs Course Additions

CCJ 4XXX   **HPA-CJ**   3(3,0)
Older Adults and the Criminal Justice System: PR: ENC 1102 and (Jr. Standing or declared Victim Advocacy Certificate) or C.I. An examination of older adults as victims and offenders within the Criminal Justice system. *Occasional.*
Abbrev: (22 of 30 chars) Older Adults CJ System
Discussion with others: Legal Studies department - Brett Meltzer /Alisa Smith - "Approval from LS" Health Science - Suha Saleh - Approve Nursing - Dr. Kelly Allred - Approve Social Work - Dr. Denise Gammonley - Approve Political Science - Dr. Roger Handberg - Approve Sociology - Dr. Amy Donley - Approve Health Services Administration - Dr. Mark Bush - Approve
Majors taking course: Criminal Justice majors

CCJ 4XXX   **HPA-CJ**   3(3,0)
Punishment and Torture: PR: ENC1102, sophomore standing or CI. Contemporary issues associated with formal social control by government and religious institutions and how it has been utilized historically. *Occasional.*
Abbrev: (22 of 30 chars) Punishment and Torture
Discussion with others: Course approved by Sociology and Philosophy Departments
Rationale: Additional offerings needed due to increased demand for electives in CJ majors, minors and related programs
Majors taking course: Criminal Justice

CCJ 4XXX   **HPA-CJ**   3(3,0)
Ritualistic Crime and Investigations: PR: ENC1102, Sophomore Standing or CI. Contemporary issues associated with ritualistic crime investigations. *Occasional.*
Abbrev: (24 of 30 chars) Ritualistic Crime Invest
Discussion with others: Course approved by Sociology and Philosophy departments.
Rationale: Additional offerings needed due to increased demand for electives in CJ majors, minors and related programs
Majors taking course: CJ majors and minors

SOW 4XXX   **HPA-SOWK**   **3(3,0)**
Aspects of Sexuality & Spirituality in Social Work Practice: PR: (SOW 3284 and SOW 3620) or C.I. Aspects of sexuality and spirituality as they relate to the social work profession. Addresses personal and professional values in practice. *Fall.*
Abbrev: (29 of 30 chars) Sexuality/Spirituality Soc Wk
<u>Discussion with others</u>: No other department offers a course discussing spirituality and sexuality. Email to Lynn Hepner in CAH on November 1, 2016 with no response of conflict.
<u>Rationale</u>: Offering various electives in social work gives students the opportunity to explore aspects unfamiliar to them which enhances their ability to practice. This course will reinforce reflective thinking on two sometimes difficult topics.
<u>Majors taking course</u>: None

College of Sciences Course Additions

JOU 3320   **COS-COMM**   **3(3,0)**
News Producing: PR: Journalism major and a minimum grade of "C" (2.0) in JOU 2100C. Fundamentals of television news producing in a station-like environment including information and discussion on journalistic ethics, management skills and working with on-air talent. *Occasional.*
Abbrev: (14 of 30 chars) News Producing
<u>Discussion with others</u>: None.
<u>Rationale</u>: The hands-on approach offers both theory and practical application of the skills needed to prepare students for seeking careers in the industry.
<u>Majors taking course</u>: Journalism majors

PSY 4860   **COS-PSYCH**   **3(3,0)**
Positive Psychology: PR: PSY 2012. The scientific study of positive human experiences. *Spring.*
Abbrev: (19 of 30 chars) Positive Psychology
<u>Rationale</u>: This is an open upper level ONLINE course that will be available to any student who has met the prerequisite. To present an overview of the scientific study of positive human experiences.

SYA 4XXX   **COS-SOC**   **3(3,0)**
Participatory Geographic Information Systems in Belize: PR: None. The conceptual frameworks, methodologies, and applications of Participatory Geographic Information Systems and related geospatial technologies for use in the field. *Summer.*
Abbrev: (27 of 30 chars) Participatory GIS in Belize
<u>Discussion with others</u>: This is the only international study abroad course at UCF focused on GIS and participatory GIS in particular. The only other conflict in content would be the Biology Belize Study Abroad Course taught by Dr. Linda Walters. She is in support of our course given that the content is different (only the location for the study abroad is the same). Contacted Anthropology, Biology and Political Science - only Biology responded.

Rationale: It leads to an additional opportunity for students to have international research and education experiences. It also allows them to have a hands-on, real-world problem solving course where they develop a research method that cuts across multiple disciplines.
Majors taking course: None.

SYO 4XXX   **COS-SOC**   **3(3,0)**
Social Identities & Health: PR: SYG 2000, ANT 2000, PSY 2012, or Junior Standing. Explores health sociologically as it exists in the U.S. at the intersections of gender, race, ethnicity, age, class, sexual orientation and society. *Occasional.*
Abbrev: (28 of 30 chars) Social Identities and Health
Discussion with others: Revised syllabus at the request of Anthropology. See attached. Contacted Anthropology, Health Management & Informatics//COHPA.
Rationale: This course will be part of the set of courses from which pre-med students can choose the courses needed to satisfy the MCAT requirement for Sociology courses. All students will acquire a sociological understanding of how people negotiate and seek out health care in the U.S.
Majors taking course: n/a

SYO 4XXX   **COS-SOC**   **3(3,0)**
Sociology of Health Care: PR: SYG 2000, ANT 2000, PSY 2012, or Junior Standing. Applies a sociological lens to understand and explain how health care is sought and negotiated in the United States. *Occasional.*
Abbrev: (24 of 30 chars) Sociology of Health Care
Discussion with others: Contacted Health Services, Health Management & Informatics, Health Professions and Anthropology. Anthropology thought that the first draft of the course overlapped with some of what they teach in 3 different classes. We revised this course to accommodate some of their concerns. Health Professions saw the first draft as overlapping with their course on the health care system. Changes were made to accommodate their concerns. Emails attached.
Rationale: This course will be part of the set of courses from which pre-med students can choose the courses needed to satisfy the MCAT requirement for Sociology courses. All students will acquire a sociological understanding of how people negotiate and seek out health care in the U.S.
Majors taking course: n/a

SYP 4731   **COS-SOC**   **3(3,0)**
Health and Positive Aging: PR: SYG 2000, SYG 2010, ANT 2000, or CI. Social factors and institutions fostering health and positive aging, a time for potential growth and self-renewal rather than of decline. *Occasional.*
Abbrev: (25 of 30 chars) Health and Positive Aging
Rationale: This course will be part of the set of courses from which pre-med students can choose the courses needed to satisfy the MCAT requirement for Sociology courses. Students will acquire a sociological understanding of the relationship between health and positive aging as shaped by social factors, socio-demographic characteristics, and social institutions.

2. Special Topics Additions

College of Arts and Humanities Special Topics Additions

FRT 3930H   **CAH-LANG**   3(3,0)
ST: Honors Fairy Tales and Societies: PR: Consent of Honors. Analysis and understanding of fairy tales as a powerful narrative tool in the European societal construction. With honors content. *Occasional.*
Abbrev: (30 of 30 chars) ST:Hon Fairy Tales & Societies
<u>Discussion with others</u>: No other department has a faculty member specialized in European Fairy Tales.

PHI 3930H   **CAH-PHIL**   3(3,0)
ST: Honors The Buddha's Brain: Buddhism and Cognitive Sciences in Dialogue: PR: Consent of Honors. Buddhism and cognitive sciences are brought together to examine: nature of mind and self; meaning of life; and role of culture in religion and science. With Honors content. *Occasional.*
Abbrev: (30 of 30 chars) ST: Hon Buddhism & Cog Science
<u>Discussion with others</u>: n/a

REL 3930H   **CAH-PHIL**   3(3,0)
ST: Honors The Buddha's Brain: Buddhism and Cognitive Sciences in Dialogue: PR: Consent of Honors. Buddhism and cognitive sciences are brought together to examine: nature of mind and self; meaning of life; and role of culture in religion and science. With Honors content. *Occasional.*
Abbrev: (30 of 30 chars) ST: Hon Buddhism & Cog Science
<u>Discussion with others</u>: n/a

The Burnett Honors College Special Topics Additions

IDH 3930H   **BHC-HON**   3(3,0)
Superheroes In American Popular Culture: PR: Consent of Honors. An historical, sociopolitical, cultural, aesthetic and thematic examination of the superhero mythos, this course will explore popular and obscure superheroes as they appear in several art forms. *Occasional.*
Abbrev: (39 of 30 chars) Superheroes In American Popular Culture
<u>Discussion with others</u>: SVAD, Nicholson School of Communication
<u>Rationale</u>: To expand Honors course offerings.

3. Course Revisions

College of Arts and Humanities Course Revisions

| HBR 1120 | ~~Elementary Modern Hebrew Language and Culture I~~ | ~~4(4,0)~~ |
| | **Modern Israeli Hebrew I** | **3(3,0)** |

PR: none.

~~Designed to initiate the student to the major~~ <u>Teaches basic</u> language skills; listening, speaking, reading and ~~writing,~~ <u>writing with an emphasis on the practical knowledge of Hebrew,</u> as ~~well as to constitute an introduction to Israeli culture.~~ <u>used in modern Israel.</u>

Abbrev (23 of 30): ~~**Ele Mod Hebrew Lang & Cult I**~~ **Modern Israeli Hebrew I**

<u>Rationale</u>: Changing the course title and hours. It contributes to intercultural diversity, enabling students to gain a solid sense of Israeli culture via the nuances of the language itself.

<u>Majors taking course</u>: Judaic Studies, Middle E. Studies, Religious Studies

<u>There are 2 programs that list HBR 1120:</u> Judaic Studies - Certificate, Judaic Studies - Minor

| HBR 1121 | ~~Elementary Modern Hebrew Language and Culture II~~ | ~~4(4,0)~~ |
| | **Modern Israeli Hebrew II** | **3(3,0)** |

PR: HBR 1120 or equivalent.

~~Continuation~~ <u>A continuation</u> of ~~HBR 1120.~~ <u>the basic language skills; listening, speaking, reading and writing with an emphasis is on the practical knowledge of Hebrew, as used in modern Israel.</u>

Abbrev (24 of 30): ~~**Ele Mod Hebrew Lang & Cult II**~~ **Modern Israeli Hebrew II**

<u>Rationale</u>: Changing the title and credit hours. It contributes to intercultural diversity, enabling students to gain a solid sense of Israeli culture via the nuances of the language itself.

<u>Majors taking course</u>: Judaic Studies, Middle E. Studies, Religious Studies

<u>There are 2 programs that list HBR 1121:</u> Judaic Studies - Certificate, Judaic Studies - Minor

| HBR 2200 | ~~**Intermediate Modern Hebrew I**~~ | **3(3,0)** |
| | **Intermediate Modern Israeli Hebrew I** | |

PR: HBR 1121 or equivalent.

Designed to continue the study of Modern Hebrew; increase proficiency in conversation, reading and writing skills, and further expose students to <u>the modern</u> Israeli culture.

Abbrev (29 of 30): ~~**Intermediate Modern Hebrew I**~~ **Inter Modern Israeli Hebrew I**

<u>Term Offered</u>: ~~Occasional~~ <u>Fall</u>

<u>Discussion with others</u>: n/a

<u>Rationale</u>: Change title and description. It contributes to intercultural diversity, enabling students to gain a solid sense of Israeli culture via the nuances of the language itself.

<u>Majors taking course</u>: Judaic Studies, Middle Eastern Studies, and Religious Studies students.

<u>There are 3 programs that list HBR 2200:</u> Judaic Studies - Certificate, Judaic Studies - Minor, Middle Eastern Studies - Minor

| HBR 2201 | ~~**Intermediate Modern Hebrew II**~~ | **3(3,0)** |
| | **Intermediate Modern Israeli Hebrew II** | |

PR: HBR 2200.

Further development of modern Hebrew language skills in listening, speaking, reading, and ~~writing.~~ <u>writing as used in modern Israel.</u>

Abbrev (30 of 30): ~~**Intermediate Modern Hebrew II**~~ **Inter Modern Israeli Hebrew II**

Term Offered: ~~Occasional~~ <u>Spring</u>
<u>Discussion with others</u>: n/a
<u>Rationale</u>: Changing title and description. It contributes to intercultural diversity, enabling students to gain a solid sense of Israeli culture via the nuances of the language itself. We've also changed HBR 1120 and HBR 1121.
<u>Majors taking course</u>: Judaic Studies, Middle Eastern Studies, and Religious studies students.
<u>There are 2 programs that list HBR 2201:</u> Judaic Studies - Certificate,Judaic Studies - Minor

SPT 3800   **Spanish Translation and Interpretation**   **3(3,0)**
PR: ~~Completion of 2000 level sequence~~ <u>SPN 3420,</u> or ~~equivalent.~~ <u>C.I.</u>
Introduction to translation and interpretation, practical applications of theory applied to professional written and audio texts from Spanish to English and from English to Spanish.
<u>Rationale</u>: Pre-reqs for the SPT Translation and Interpretation courses have been unified to ensure that students have an appropriate level in Spanish.
<u>There is 1 program that lists SPT 3800:</u> Translation and Interpretation - Certificate

MUS 4320   **Music Business and Industry**   **3(3,0)**
PR: ~~MUS 2360C~~ <u>Music major, Music minor or Entertainment Management major,</u> with a grade of "~~C~~" "Ã■Â■C"Ã■Â■ (2.0) or ~~better.~~ <u>better in MUL 2010 or MUL 2720.</u>
Today's music industry copyright, publishing, contracts and licensing.
Term Offered: ~~Even~~ <u>Fall</u>
<u>Rationale</u>: This course is now a requirement for the new Entertainment Management degree and we need the prerequisite to reflect this so that the students will be able to enroll.
<u>Majors taking course</u>: Music Majors & Minors and Entertainment Mgt. Major
<u>There are 3 programs that list MUS 4320:</u> Performing Arts Administration - Minor,Music - Jazz Studies Track (B.M.),Entertainment Management (B.S.)

ART 3433C   **Screenprinting**   **3(2,4)**
PR: ART 2201C, ART <u>2203C, ART</u> 2300C, ART ~~2400C.~~ <u>2301C, and a satisfactory portfolio review (ART3950).</u>
Techniques of waterbase screenprinting, including digital/photo processes and practical applications of screenprinting as a means for image making.
<u>Rationale</u>: Revising prerequisites will make this course consistent with PR's of other upper level SVAD studio courses.
<u>There are 2 programs that list ART 3433C:</u> Art - Studio Track (B.A.),Art - Studio Art Track (B.F.A.)

FIL 3379C   **Advanced Documentary Production**   **3(3,6)**
PR: <u>Film BA or Film BFA Major and</u> FIL 3363C ~~and FIL 3845,~~ or ~~C.I.~~ <u>C. I.</u>
~~Processes~~ <u>Advanced readings</u> and ~~principles~~ <u>analysis</u> of ~~advanced~~ documentary <u>history, theory and ethics;</u> production ~~to capture on-going reality based situations.~~ <u>and practice of contemporary nonfiction entertainment.</u>
<u>Rationale</u>: The revised Film BA/BFA elective Advanced Documentary Workshop more accurately distinguishes it from Documentary Workshop 1 and 2 and provides a more flexibility for the instructor.

There are no programs that list FIL 3379C.

FIL 3842   **International Cinema**   **3(3,0)**

PR: or CR: FIL 3036 or FIL 3037, and Film BFA or ~~Cinema Studies~~ Film BA major.
~~Post World War II period~~ Critical exploration of the political, social, cultural and artistic context of international ~~cinema,~~ film production, with emphasis on ~~the cinemas of Europe~~ co-production and transnational connections in production and ~~Asia.~~ reception.

Rationale: The revised Film BA/BFA Restricted Elective International Cinema further distinguishes it from the Advanced Level Core Requirement course FIL 3845 World Cinema Traditions course by

focusing specifically on international co-production and transnational cinema.

There are 2 programs that list FIL 3842: Film (B.A.),World Comparative Studies - Minor

FIL 3865C   ~~**Mise en scene and Theatricality**~~   **3(3,1)**
                                           Mise en scene and Film Style

PR: ~~THE 2000.~~ FIL 3803C and Film BFA or Film BA Major.
~~Relationship between theatre and cinema~~ Formal analysis of approaches to film style with specific emphasis on mise en scene.

Abbrev (26 of 30): ~~Mise en scene & Theatricality~~ Mise en scene & Film Style

Rationale: The revised Film BA/BFA Restricted Elective Mise en scene and Film Style replaces the term "theatricality" with "Film Style" to broaden the range of what an instructor may do with the course.

There are no programs that list FIL 3865C.

FIL 4126C   **Genre Writing**   **3(2,2)**

PR: Film ~~major,~~ BA or Film BFA major and FIL 3803C.
Advanced screenwriting practice in selected genres, including comedy, humor, western, crime, horror, and etc.

Rationale: Updated the course description to reflect all the genres represented.

There are 2 programs that list FIL 4126C: Film (B.F.A.),Film (B.A.)

~~**FIL 4536**~~   ~~**Sound Design III**~~   ~~**3(3,0)**~~
FIL 4536C   **Sound Design for Film III**   **3(2,4)**

PR: Film BFA or Digital Media Major and FIL 4535C.
Advanced aspects of sound mixing and sound editing using advanced protocols and digital format.

Abbrev (25 of 30): ~~Sound Design III~~ Sound Design for Film III

Rationale: This class is designed to be the only course to practice 5.1 surround sound mixing for film.

Majors taking course: Film and Digital Media Majors

There is 1 program that lists FIL 4536: Film (B.F.A.)

TPP 4223C   ~~**Theatre Careers for Performance**~~   **3(2,2)**
                                           Theatre Careers in Performance

PR: B.F.A. Acting ~~and~~ or Musical Theatre major, Junior standing.
Techniques needed to secure employment in performance or related fields.
Abbrev (30 of 30): ~~Theatre Careers for Perf~~ Theatre Careers in Performance
Term Offered: Odd Spring
Rationale: This course is being revised to be made into a split-level course with undergraduate and graduate students. The graduate course will be the same name and instructor: Theatre Careers in Performance.
There are 2 programs that list TPP 4223C: Theatre - Musical Theatre Track (B.F.A.),Theatre - Acting Track (B.F.A.)

Tabled from 11/03/2016
TPP 4265C   **Camera Acting**   **3(3,2)**
~~PR:~~ PR or CR: "C" (2.0) or better in TPP 4140C.
Application of previous acting training to the TV/Film medium.
Rationale: Creating a CR option provides additional flexibility for transfer students and Musical Theatre majors who take this as an elective.
There is 1 program that lists TPP 4265C: Theatre - Acting Track (B.F.A.)

College of Business Administration Course Revisions

ECO 2023H   **Honors Principles of Microeconomics**   **3(3,0)**
PR: Permission of Honors.
The determination of prices in a market economy; their role in allocating consumer and producer goods and in distributing incomes, including attempts to improve market efficiency through public policy. Honors content.
Term Offered: ~~Occasional~~ Fall, Spring
There are no programs that list ECO 2023H.

ECO 4504   **Public Economics**   **3(3,0)**
PR: ECO 3101.
A study of fiscal institutions and decision-making, and how government budgetary policy (spending, taxing, borrowing, and debt management) affects the economy and its citizens.
Term Offered: ~~Occasional~~ Spring
There are 3 programs that list ECO 4504: Economics, Business (B.S.B.A.),Economics (B.S.),Mathematics (B.S.)

ECO 4713   **International Macroeconomics**   **3(3,0)**
PR: ECO 3101 or ECO 3203 or ECO 3223.
International macroeconomics with review and analysis of current international macroeconomics, financial issues, policies and events.
Term Offered: ~~Occasional~~ Spring
There are 4 programs that list ECO 4713: Economics, Business (B.S.B.A.),Economics (B.S.),World Comparative Studies - Minor,Mathematics (B.S.)

ECP 3203   **Labor Economics**   **3(3,0)**

PR: ECO 3101 or ECP 4703.

The analysis of labor problems and issues in a dynamic contemporary economy through the interaction of the four major institutions: households, firms, government, and unions.

Term Offered: ~~Occasional~~ <u>Fall, Spring</u>

<u>There are 2 programs that list ECP 3203:</u> Economics, Business (B.S.B.A.),Economics (B.S.)

ECP 3302   **Economics and the Environment**   **3(3,0)**

PR: ECO 2023.

Analysis of environmental problems from an economic perspective, its relationship to other disciplines, and the international dimension of environmental policy. Not open to Economics majors.

Term Offered: ~~Odd Fall~~ <u>Fall, Spring</u>

<u>There are 3 programs that list ECP 3302:</u> World Comparative Studies - Minor,Interdisciplinary Studies - Environmental Studies Track (B.S.),Environmental Studies (B.S.)

ECP 4303   **Environmental and Natural Resource Economics**   **3(3,0)**

PR: ECO 3101.

Provide fundamental insights into the interdependence between energy use, environmental quality, and the economy at both the microeconomic and macroeconomic level.

Term Offered: ~~Even~~ Fall

<u>There are 6 programs that list ECP 4303:</u> Interdisciplinary Studies - Environmental Studies Track (B.S.),Economics, Business (B.S.B.A.),Economics (B.S.),Environmental Studies - Minor,Mathematics (B.S.),Environmental Studies (B.S.)

ECS 4013   **Development Economics**   **3(3,0)**

PR: ECO 2013 and ECO 2023.

The study of problems, theories, and issues of economic development in the global economy.

Term Offered: ~~Fall,~~ Spring

<u>There are 3 programs that list ECS 4013:</u> Economics, Business (B.S.B.A.),Economics (B.S.),World Comparative Studies - Minor

College of Engineering and Computer Science Course Revisions

~~CIS 4615C~~   **Secure Software Development and Assurance**   ~~3(3,1)~~

CIS 4615   **3(3,0)**

PR: (COP 4600 or CGS 3763) and (CIS 3360 or CIS 3362) or C.I.

~~Common criteria~~ <u>Threat modeling and risk analysis, development</u> of ~~security and assurance,~~ secure <u>software,</u> software ~~engineering,~~ <u>assurance techniques,</u> analyzing and auditing ~~software, software reverse engineering.~~ <u>software.</u>

Term Offered: ~~Occasional~~ <u>Fall,Occasional</u>

<u>There are 4 programs that list CIS 4615C:</u> Cyber Operations - Certificate,Secure Computing and Networks - Minor,Computer Science (B.S.),Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.)

CNT 3004   **Computer Network Concepts**   **3(3,0)**

~~CR:~~ PR: PHY ~~2054C~~ 2053C with a grade of "C" (2.0) or better ~~and~~ and, CR: CIS 3990.
Network media, protocol, current and evolving standards for local, metropolitan, wide area and wireless networks.
Rationale: Updating PR
Majors taking course: IT
There is 1 program that lists CNT 3004: Information Technology (B.S.)

COT 3100C   **Introduction to Discrete Structures**   **3(3,1)**

PR: MAC ~~1105C and MAC 1114C each~~ 2311C with a grade of "C" (2.0) or better.
Logic, sets, functions, relations, combinatorics, graphics, Boolean algebras, finite-state machines, Turing machines, unsolvability, computational complexity.
Term Offered: Fall, ~~Spring, Summer~~ Spring
Rationale: Updating PR
There are 10 programs that list COT 3100C: Computer Science - Minor,Cyber Operations - Certificate,Information Technology (B.S.),Computer Engineering - Comprehensive Track (B.S.Cp.E.),Computer Science (B.S.),Computer Engineering - Digital Circuits Track (B.S.Cp.E.),Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.),Statistics (B.S.),Computer Engineering - Accelerated Undergraduate-Graduate Program (B.S.Cp.E. / M.S.Cp.E.),Physics (B.A.)

COT 4210   **Discrete Structures II**   **3(3,0)**

PR: COP 3503C and MAC 2312 each with a grade of "C" (2.0) or better and COT 3960.
Computation ~~Theory.~~ theory. A study of the properties of grammars and automata as formal specifications for algorithms and families of languages.
Term Offered: Fall, ~~Spring, Summer~~ Spring
Rationale: Updating PR
There are 4 programs that list COT 4210: Cyber Operations - Certificate,Mathematics (B.S.),Computer Science (B.S.),Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.)

EEL 3004C   **Electrical Networks**   **3(3,2)**

PR: MAC 2311C, MAC 2312, MAC 2313, PHY 2048C, PHY 2049C all with a "C" (2.0) or better grade. CR: MAP 2302.
Analysis and design of linear circuits, transients, ~~ac~~ AC analysis, power ~~calculations~~ calculations. The course includes recitation and ~~three-phase circuits.~~ exploration of areas of study within electrical and computer engineering.
Rationale: Department plans to use one lab hour for discussion and 1 lab hour for a guest ECE faculty to discuss the various tracks for the CpE and EE programs.

There are 10 programs that list EEL 3004C: Mathematics (B.S.),Computer Engineering - Comprehensive Track (B.S.Cp.E.),Electrical Engineering - Comprehensive Track (B.S.E.E.),Photonic Science and Engineering (B.S.P.S.E.),Electrical Engineering - Power and Renewable EnergyTrack (B.S.E.E.),Electrical Engineering - RF and Microwaves Track (B.S.E.E.),Electrical Engineering - Communications and Signal Processing Track (B.S.E.E.),Electrical Engineering - Accelerated Undergraduate-Graduate Program (B.S.E.E. / M.S.E.E.),Computer Engineering - Accelerated Undergraduate-Graduate Program (B.S.Cp.E. / M.S.Cp.E.),Computer Engineering - Digital Circuits Track (B.S.Cp.E.)

EEL 3004C　　　　　　　　**Honors Electrical Networks**　　　　　　**3(3,2)**
PR: Permission of Honors and MAC 2311C, MAC 2312, MAC 2313, PHY 2048C, PHY 2049C all with a "C" (2.0) or better grade. CR: MAP 2302.
Analysis and design of linear circuits, transients, ~~ac~~ AC analysis, power ~~calculations~~ calculations. The course includes recitation and ~~three phase; circuits.~~ exploration of areas of study within electrical and computer engineering.
Term Offered: ~~Spring~~ Fall
Rationale: Department plans to use one lab hour for discussion and 1 lab hour for a guest ECE faculty to discuss the various tracks for the CpE and EE programs.
There are no programs that list EEL 3004C.

EEL 3123C　　　　　　　　**Networks and Systems**　　　　　　　**4(3,1)**
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　3(3,2)
PR: EEL 3004C and MAP 2302 both with a grade of "C" (2.0) or better.
Network functions, Laplace transforms, frequency domain analysis using Fourier series and transforms, sampling theory and Z-transforms.
Rationale: Lab hours reduced to two hours as three hours were not needed for the experiments and hence change in course credits from 4 to 3 credits
There are 9 programs that list EEL 3123C: Computer Engineering - Comprehensive Track (B.S.Cp.E.),Electrical Engineering - Comprehensive Track (B.S.E.E.),Photonic Science and Engineering (B.S.P.S.E.),Electrical Engineering - Power and Renewable EnergyTrack (B.S.E.E.),Electrical Engineering - RF and Microwaves Track (B.S.E.E.),Electrical Engineering - Communications and Signal Processing Track (B.S.E.E.),Computer Engineering - Digital Circuits Track (B.S.Cp.E.),Electrical Engineering - Accelerated Undergraduate-Graduate Program (B.S.E.E. / M.S.E.E.),Computer Engineering - Accelerated Undergraduate-Graduate Program (B.S.Cp.E. / M.S.Cp.E.)

EEL 3552C　　　　**~~Analog and Digital Communication Fundamentals~~**　　　　**4(3,3)**
　　　　　　　　　　Signal Analysis and Analog Communication
PR: EEL 3123C with a grade of "C" (2.0) or better.
Signals and signal space, Fourier ~~Transform Theory, fundamentals of AM~~ series, Fourier Integral, transmission over linear systems, AM, FM, PM, sampling theorem and ~~FM, Baseband pulse and digital signaling, Bandpass signaling, digital modulation and detection.~~ Nyquist rate.
Abbrev (31 of 30): ~~Analog & Digital Com Fund~~ Signal Analysis and Analog Com.

Rationale: Change of title and course description to show what is covered in the course. Digital communication is not covered and hence was removed from the title.

Majors taking course: Electrial and Computer Engineering

There are 7 programs that list EEL 3552C: Cognitive Sciences - Minor,Mathematics (B.S.),Electrical Engineering - Comprehensive Track (B.S.E.E.),Electrical Engineering - Communications and Signal Processing Track (B.S.E.E.),Electrical Engineering - Accelerated Undergraduate-Graduate Program (B.S.E.E. / M.S.E.E.),Electrical Engineering - Power and Renewable EnergyTrack (B.S.E.E.),Electrical Engineering - RF and Microwaves Track (B.S.E.E.)

EEL 3801C   **Computer Organization**   **~~3(3,2)~~**
                                                                 4(3,3)

PR: EGN 3211 and EEE 3342C both with grades of "C" (2.0) or better.

Computer arithmetic, ~~Instruction Set Architecture,~~ instruction set architecture, performance, data path, control unit, memory hierarchy, I/O interface.

Rationale: Course credit changed from 3(3,2) to 4(3,3) to correctly reflect the three-hour per week laboratory session. The laboratory engages skills of instruction set design, memory content examination, processor softcore realization using hardware, changing processor clock rates, and single-stepping execution of instructions.

There are 10 programs that list EEL 3801C: Cyber Operations - Certificate,Mathematics (B.S.),Computer Engineering - Comprehensive Track (B.S.Cp.E.),Electrical Engineering - Comprehensive Track (B.S.E.E.),Electrical Engineering - Power and Renewable EnergyTrack (B.S.E.E.),Electrical Engineering - RF and Microwaves Track (B.S.E.E.),Electrical Engineering - Communications and Signal Processing Track (B.S.E.E.),Computer Engineering - Digital Circuits Track (B.S.Cp.E.),Electrical Engineering - Accelerated Undergraduate-Graduate Program (B.S.E.E. / M.S.E.E.),Computer Engineering - Accelerated Undergraduate-Graduate Program (B.S.Cp.E. / M.S.Cp.E.)

EEL 4515C   **~~Digital Communication Systems~~**   **4(3,3)**
                                      Fundamentals of Digital Communiction

PR: EEL ~~3552C.~~ 3552C and EEL 3xxx (Introduction to Randomness).

Sampling and aliasing, quantization, ~~PAM, PWM, PTM,~~ PCM, ~~and Delta Modulation~~ delta modulation, line coding, intersymbol interference, Digital carrier systems, ASK, FSK, PSK, ~~MPSK, introduction to coding.~~ M-ary communication, Noise, BER analysis.

Abbrev (36 of 30): ~~Digital Communication Systems~~ Fundamentals of Digital Communiction

Term Offered: ~~Fall~~ Spring

Rationale: After examining the syllabus of EEL 4512C and EEL 4515C and other communication courses, the communication and signal processing committee advised that there is a huge overlap between EEL 4512C and other courses. So it was decided to remove EEL 4512C and add the remaining materials to EEL 4515C.

There is 1 program that lists EEL 4515C: Electrical Engineering - Communications and Signal Processing Track (B.S.E.E.)

EEL 4742C   **Embedded Systems**   **~~4(3,3)~~**
                                                                  3(3,2)

PR: EEL 3801C with a grade of "C" (2.0) or better.

Microcontroller systems, assembly language programming, data representation, memory and device interfacing, timing analysis, parallel and serial communication, timers, interrupts, signal interfacing considerations, and applications.

Rationale: Lab hours reduced to two hours as three hours were not needed for the experiments and hence change in course credits from 4 to 3

There are 10 programs that list EEL 4742C: Mathematics (B.S.),Cyber Operations - Certificate,Computer Engineering - Comprehensive Track (B.S.Cp.E.),Electrical Engineering - Comprehensive Track (B.S.E.E.),Electrical Engineering - Power and Renewable EnergyTrack (B.S.E.E.),Electrical Engineering - RF and Microwaves Track (B.S.E.E.),Electrical Engineering - Communications and Signal Processing Track (B.S.E.E.),Computer Engineering - Digital Circuits Track (B.S.Cp.E.),Electrical Engineering - Accelerated Undergraduate-Graduate Program (B.S.E.E. / M.S.E.E.),Computer Engineering - Accelerated Undergraduate-Graduate Program (B.S.Cp.E. / M.S.Cp.E.)

CAP 4102   ~~**IT Design and User Experience**~~   **3(3,0)**
          Web and User Experience (UX)

PR: ~~CGS 2545C and CIS 3003.~~ COP 3502C with a grade of "C" (2.0) or better.

To meet a real world customer's needs, student teams will learn and apply user-centered principles to elicit requirements, prototype, and build a complete web-based solution.

Abbrev (28 of 30): ~~IT Design and User Experience~~ Web and User Experience (UX)

There are no programs that list CAP 4102.

EEL 3123C   **Honors Networks and Systems**   **4̶(̶3̶,̶1̶)̶**
                    3(3,2)

PR: Consent of Honors and EEL 3004C, MAP 2302 both with grades of "C" (2.0) or better.

Network functions, Laplace transforms, frequency domain analysis using Fourier series and transforms, sampling theory and Z-transforms.

Rationale: Lab hours reduced to two hours as three hours were not needed for the experiments and hence change in course credits from 4 to 3 credits

There are no programs that list EEL 3123C.

EIN 4891C   **Industrial Engineering Senior Design Project 4(2,4)**

PR: ~~EIN 4364 and~~ ESI 4523 and EIN 4XXX (Facilities Planning and Work Design) both with grades of "C" (2.0) or better and department consent.

Capstone design course; application of IEMS techniques to real-world design applications.

Rationale: updating PR due to change in program requirements

There are 2 programs that list EIN 4891C: Industrial Engineering (B.S.I.E.),Industrial Engineering - Accelerated Undergraduate-Graduate Program (B.S.I.E. / M.S.I.E.)

ESI 4312   ~~**Operations Research**~~   **3(3,0)**
          Deterministic Methods for Operations
          Research

PR: STA 3032 and MAS 3105 with grades of "C" (2.0) or better in both.

~~Introduction~~ An introduction to ~~linear, non-linear,~~ basic principles and ~~dynamic~~ deterministic techniques of operations research. topics include linear programming, integer programming, network flow problems, and non-linear programming. ~~Decision analysis, random processes, and queueing. Course covers theory through application and implementation of results.~~

Abbrev (28 of 30): ~~Operations Research~~ Deterministic Methods for OR

Rationale: Currently we do not have a in stochastic methods. This change and the addition of Stochastic Methods in OR will allow our students to strengthen their operations research background and line up with other BSIE programs.

Majors taking course: Industrial engineering

There are 3 programs that list ESI 4312: Mathematics (B.S.),Industrial Engineering (B.S.I.E.),Industrial Engineering - Accelerated Undergraduate-Graduate Program (B.S.I.E. / M.S.I.E.)

~~EML 4535C~~ **~~CAD/CAM~~** **~~3(2,3)~~**
EML 3XXXC **Introduction to Computer Aided Engineering 3(2,2)**
PR: ~~EGN 3343, EML 3034C, and~~ EGM ~~3601; CR EAS 4200~~ 3601 with a grade of "C" (2.0) or ~~EML 3500.~~ better.
~~CAD/CAM/FEM computational technology. Basic concepts. Concurrent~~ Introductory understanding and hands-on experience on computer aided engineering ~~approach to mechanical, thermal,~~ including computer aided design (CAD), computer aided manufacturing (CAM), and ~~aerospace systems design and~~ computer aided analysis. ~~Use of in-house software.~~

Abbrev (35 of 30): ~~CAD/CAM~~ Introduction to Computer Aided Eng.

There are no programs that list EML 4535C.

EML 4024C **Engineering Design Practice** **3(2,2)**
PR: ~~EML 3034C~~ EGM 3601 and EML ~~3500~~ 3XXXC (Introduction to Computer Aided Engineering) with grades of "C" (2.0) or ~~EAS 4200.~~ better in both.
~~Basic CAD/CAM solid modeling techniques in a~~ A project oriented ~~environment. Students will construct part models, drawings,~~ computer aided engineering design practice including design, simulation, analysis, and ~~assemblies. Use of in-house software.~~ manufacturing.

Term Offered: Fall, ~~Spring,Odd Summer~~ Spring

There are no programs that list EML 4024C.

College of Health and Public Affairs Course Revisions

CCJ 3450 **The Criminal Justice Manager** **3(3,0)**
PR: CCJ 3024 or C.I.
Elements of first-line supervision and executive development. Administrative ~~leadership; leadership:~~ its ~~nature;~~ nature, methods, and traits. ~~Recent theories~~ Issues concerning labor relations and ~~research in leadership.~~ collective bargaining.

Discussion with others: This is an already approved criminal justice course. Clarification of course content.

Majors taking course: Criminal Justice Majors and students pursuing the Crime Analysis and Crime Mapping certificate.

There are 2 programs that list CCJ 3450: Criminal Justice Management and Leadership - Certificate,Crime Analysis and Crime Mapping - Certificate

CCJ 4054 ~~**Criminal Justice Ethics**~~ **3(3,0)**
Capstone: Criminal Justice Ethics

PR: ~~Junior Standing.~~ Senior standing and declared Criminal Justice major or C.I. ~~Focuses on the ethical issues and problems commonly encountered in the~~ Analysis of criminal justice ~~system (policy courts~~ ethical issues. Moral dilemmas across police, courts, corrections and ~~corrections).~~ juvenile justice including development of humane policies and procedures.
Abbrev (19 of 30): ~~**Criminal Justice Ethics**~~ **Capstone: CJ Ethics**
Term Offered: ~~Occasional~~ Fall, Spring, Summer
Discussion with others: This is an already approved criminal justice course. Revision and clarification of course content and title.
Rationale: This revised criminal justice course will be included as a core capstone requirement.
Majors taking course: Criminal Justice
There are 3 programs that list CCJ 4054: Criminal Justice (B.A. / B.S.),Criminal Justice - A.S. to B.S. Track (B.S.),Criminal Justice Scholar's Track (B.A. / B.S.)

HSA 4853 **Internship Orientation** **0(0,0)**
PR: ~~2.75 Major GPA,~~ 90 overall credit ~~hours, 24 HSA credit~~ hours.
This prerequisite for HSA 4850 provides critical information for the internship search. The course must be completed no more than one semester prior to the internship.
There are no programs that list HSA 4853.

HSC 2000 ~~**Introduction to the Allied Health Professions**~~ ~~**2(2,0)**~~
Introduction to Careers in Health
Professions **3(3,0)**
PR: Freshman and Sophomores only.
A survey of ~~allied~~ careers in health professions with regard to duties, responsibilities, education and training, ethics, and relationships with other health professionals. Graded S/U.
Abbrev (28 of 30): ~~**Intro to Allied Health Prof**~~ **Intro to Careers Health Prof**
Discussion with others: N/A
Rationale: Changes in the course title was needed to better fit the focus of the Health Sciences Pre-Clinical program.
Majors taking course: Health Sciences Pre-Clinical
There are 4 programs that list HSC 2000: Health Sciences (B.S.),Athletic Training (B.S.),Health Informatics and Information Management (B.S.),Health Services Administration (B.S.)

HSC 4501 ~~**Epidemiology of Chronic Diseases**~~ **3(3,0)**
Fundamentals of Clinical Epidemiology
PR: ZOO 3733C, PCB 3703C, and ~~(STA 2014C~~ STA 2023 each with a grade of C (2.0) or ~~STA 2023).~~ better.

~~Epidemiology~~ Principles and methods of ~~chronic diseases including risk factors, etiology, mortality~~ descriptive and ~~morbidity~~ analytic epidemiology as they ~~relate~~ apply to health professionals; with focus on clinical ~~practice, research,~~ applications and ~~intervention.~~ approaches relevant to healthcare practitioners.

Abbrev (17 of 30): ~~Epidemiology Chronic Diseases~~ Fund Clinical Epi

Discussion with others: Health Management and Informatics
Rationale: The Health Sciences curriculum has been revised and this course along with other courses were revised to match the focus of the revised curriculum.
Majors taking course: Health Sciences Pre-Clinical
There are 2 programs that list HSC 4501: Health Sciences - Minor,Health Sciences (B.S.)

HSC 4553   **Concepts in Pathophysiological Diagnosis**   **3(3,0)**

PR: ~~HSC~~ (HSC 4555 or HSC ~~4558,~~ 4558) with a C (2.0) grade or better, and Senior standing.
Basic principles of diagnosis with a focus on methodology and relevance to pathophysiology.
Discussion with others: N/A
Rationale: The prerequisites were modified to be consistent with the requirement in the Health Sciences Pre-Clinical major.
Majors taking course: Health Sciences Pre-Clinical
There are no programs that list HSC 4553.

HSC 4930   **~~Senior Seminar~~**   **3(3,0)**
                Health Sciences Seminar

PR: Senior ~~standing,~~ standing and Health Sciences ~~Pre-Clinical Track only.~~ major.
Career and graduate school preparation, and applications of clinical and translational research in healthcare.
Abbrev (23 of 30): ~~Senior Seminar~~ Health Sciences Seminar

Discussion with others: N/A
Rationale: Title change and prerequisite change because this course will be a core for all Health Sciences Pre-Clinical majors, not just the Pre-Clinical Track.
Majors taking course: Health Sciences Pre-Clinical
There are no programs that list HSC 4930.

College of Optics and Photonics Course Revisions

OSE 3052   **Introduction to Photonics**   **3(3,1)**
PR: MAP 2302 with C (2.0) GPA or higher. CR: OSE 3200.
~~Introduction to wave and photon models~~ Nature of ~~light.~~ Light. Wave equations. Superposition of waves. Interference and diffraction. ~~Polarization. Image formation.~~ Coherence. LEDs and lasers. Detectors.
Term Offered: ~~Fall~~ Fall, Spring
Rationale: With the addition of OSE 3200 Geometric Optics last year, content originally in this course was modified. We are updating the course description to accurately reflect the current content.
Majors taking course: Photonic Science and Engineering
There is 1 program that lists OSE 3052: Photonic Science and Engineering (B.S.P.S.E.)

OSE 4470   **Fiber-Optic Communications**   **3(3,0)**

PR: <u>EEL 3552C and OSE 3052 and</u> "C" (2.0) or better in EEL ~~3123C and PR: or CR: OSE 3052.~~ <u>3123C.</u>

Introduction to the principles and design of fiber-optic communication systems including the integrated-optic and optoelectronic devices used in transmitters and receivers.

<u>Rationale</u>: Recent changes to the program with the removal of 3 classes have allowed us to add EEL 3552C which provides additional content relevant to fiber optics communications. Content in OSE 4470 depends on content in OSE 3052 and therefore we are changing OSE 3052 from CR to PR.

<u>There is 1 program that lists OSE 4470:</u> Photonic Science and Engineering (B.S.P.S.E.)

College of Sciences Course Revisions

ANT 4462   **Medical Anthropology**   **3(3,0)**

PR: ~~ANT 2000 or ANT 2511~~ <u>Sophomore standing</u> or C.I.

~~The field~~ <u>Central concepts and methods in comparative contextualization of health, healing systems, suffering, distribution of risk, and use</u> of medical ~~anthropology. Topics will include theories, methods,~~ <u>technologies from physiological</u> and ~~applications.~~ <u>biocultural perspectives.</u>

<u>Rationale</u>: Allows students more flexibility in completing the course that is a required course in a minor and an elective in several other programs (bachelor, minors, and certificates).

<u>There are 8 programs that list ANT 4462:</u> Medical Anthropology - Minor,Anthropology (B.A.),Anthropology - Minor,Health Communication - Certificate,Human Biology - Certificate,Anthropology of Global Health - Certificate,Biological Anthropology - Minor,Cultural Anthropology - Minor

ANT 4480   **Global Health in Anthropological Perspective**   **3(3,0)**

PR: ~~ANT 2410~~ <u>Sophomore Standing</u> or C.I.

The exploration of global health issues from an anthropological and cross-cultural perspective.

<u>Rationale</u>: Allows students more flexibility in completing the course that is a required course in a certificate and an elective in several other programs (bachelor and minors).

<u>There are no programs that list ANT 4480.</u>

CHM 4930   **Chemistry Seminar I**   **1(1,0)**

~~PR:~~ <u>CR:</u> CHM ~~3120~~ <u>4912,</u> or ~~C.I.~~ <u>CI.</u>

~~Student~~ <u>In consultation with research adviser, student</u> selects ~~a topic~~ <u>faculty committee. Prepares draft seminar on undergraduate research. Attends</u> and ~~an advisor and prepares a draft seminar.~~ <u>reports on faculty seminars. Completes CITI ethics course.</u>

Graded NC: ~~No~~ <u>Yes</u>

<u>Rationale</u>: Increased focus on student's research (rather than a strictly literature topic). Adds reporting on faculty-level research seminars. Greatly reduces required attendance at student seminars. Adds a standard NSF ethics short-course. If a student changes majors, it makes little sense to finish the course; so an NC grade would be best if a W is not available.

<u>There are 2 programs that list CHM 4930:</u> Chemistry (B.S.),Chemistry - Biochemistry Track (B.S.)

CHM 4931 **Chemistry Seminar II** **1(1,0)**

PR: CHM 4930.

Student ~~improves~~ builds upon the seminar prepared in CHM 4930 ~~(or an approved alternative)~~ and presents it to the ~~Chemistry department.~~ student's faculty committee. Attends and reports on faculty level seminars.

Graded NC: ~~No~~ Yes

Rationale: Increased focus on student's research (rather than a strictly literature topic). Seminar would be handled more like honors in the major. Adds reporting on faculty-level research seminars. Greatly reduces required attendance at student seminars. If a student changes majors, it makes little sense to finish the course; so an NC grade would be best if a W is not available.

There are 2 programs that list CHM 4931: Chemistry (B.S.),Chemistry - Biochemistry Track (B.S.)

COM 3011C **Communication and Human Relations** **3(1,2)**

PR: or CR: COM ~~3311.~~ 3311 or COM 3003, or CI.

Semantics; symbols and meaning and their relationship with human behavior.

Rationale: Students take either one of the above courses as advanced level core requirements to provide the foundation for internal restricted electives.

There are 4 programs that list COM 3011C: Human Communication - Minor,Leadership Studies - Certificate,Leadership Studies - Minor,Human Communication (B.A.)

COM 3110 **Business and Professional Communication** **3(3,0)**

PR: ~~I/O,~~ Human Communication, Ad-PR, or R-TV Majors or ~~I/O Com~~ Human Communication Minors ~~only,~~ only; and one of the following; SPC 1608, SPC 1603C, or C.I.

Theoretical and practical training in effective presentational speaking for business and professions.

Rationale: Students in these majors/minors may take the above course as a restricted elective toward their major or minor to help prepare them for careers in Communication.

There are 5 programs that list COM 3110: Advertising-Public Relations (B.A.),Radio - Television (B.A.),Human Communication (B.A.),Human Communication - Minor,Nonprofit Management/National Certification in Nonprofit Management - Minor

COM 3120 **Organizational Communication** **3(3,0)**

PR: or CR: COM ~~3311,~~ 3311 or COM 3003, or C.I.

A study of communication functions and problems within the contexts of hierarchies.

Rationale: Students take either one of the above courses as advanced level core requirements to provide the foundation for Internal restricted electives.

There are 6 programs that list COM 3120: Human Communication - Minor,Leadership Studies - Certificate,Leadership Studies - Minor,Health Communication - Certificate,Communication & Conflict (B.A.),Human Communication (B.A.)

COM 3330 **Computer Mediated Communication** **3(3,0)**

PR: RTV major- Media Management & Operations specialization or Mass Communication Minor, and CGS ~~1060C~~ 1060 or ~~CGS 2100C.~~ STA 2014C or STA 2023, or C.I.

Communicating through computers. The foundations and applications of online and interactive multimedia applications, including trends and limitations.

Term Offered: ~~Spring~~ Occasional

Rationale: Restricting enrollment to RTV majors Media Management & Operations specialization and Mass Communication Minors to enroll in this restricted elective to keep them on track for graduation.

There are 4 programs that list COM 3330: Radio - Television (B.A.),Mass Communication - Minor,Health Communication - Certificate,World Languages Education-Spanish (B.S.)

COM 3406   **Role of Motivation in Communication**   **3(3,0)**

PR: or CR: COM ~~3311,~~ 3311 or COM 3003, or C.I.

Motivation theories that directly affect the process of human communication.

Rationale: Students take either one of the above courses as advanced level core requirements to provide the foundation for Internal restricted electives.

There are 2 programs that list COM 3406: Human Communication (B.A.),Human Communication - Minor

COM 4462   **Conflict Management**   **3(3,0)**

PR: or CR: COM ~~3311,~~ 3311 or COM 3003, or C.I.

The study of communication in everyday conflicts.

Rationale: Students take either one of the above courses as advanced level core requirements to provide the foundation for internal restricted electives.

There are 4 programs that list COM 4462: Leadership Studies - Certificate,Leadership Studies - Minor,Human Communication (B.A.),Human Communication - Minor

JOU 4342C   **Multimedia Journalism**   **3(2,1)**

PR: Journalism major and a minimum grade of "C" (2.0) in JOU ~~2100C and MMC 3200, and Senior standing.~~ 2100C.

Combining print and electronic technologies to transmit information to the public.

Rationale: Eliminated additional prerequisites of MMC 3200 and senior standing to improve course sequencing and facilitate students' graduating on time.

There is 1 program that lists JOU 4342C: Journalism (B.A.)

JOU 4950   **Senior Capstone in Journalism**   **4(4,0)**

PR: JOU 3101, ~~JOU 4340,~~ and (JOU 4340 or JOU ~~4342,~~ 4342), or C.I.

Advanced techniques in multimedia news gathering and reporting for a daily web publication as part of a capstone experience in journalism.

Rationale: Eliminating a comma from previous prerequisite between JOU 3101 and JOU 4340 to clarify curriculum sequencing for this senior capstone course.

There are no programs that list JOU 4950.

MMC 4303   **Hispanics in Media in the US**   **3(3,0)**

PR: SPC 1603 or SPC 1608 or COM 1000, or C.I.

Examines history and growth of Hispanics/Latinos in US media, including early depictions in media and current landscape of Spanish and English Hispanic/Latino Media.

Term Offered: ~~Spring~~ <u>Fall</u>
Rationale: The only change is in the scheduling of the course, it will be offered in the fall semester (instead of spring).
<u>There are no programs that list MMC 4303.</u>

MMC 4602   **Contemporary Media Issues**   **3(3,0)**
PR: ~~RTV 3007~~ <u>One of the following: SPC 1608, SPC 1603C, COM 1000,</u> or C.I.
Relationship between the mass media and society; examination of social and ethical issues and responsibilities of the media's relationship with government.
Rationale: Removing the RTV 3007 prerequisite to open enrollment for other majors as well as RTV majors to take the course (Including students in the Hispanic/Latino Media Certificate).
<u>There are 3 programs that list MMC 4602:</u> Journalism (B.A.),Mass Communication - Minor,Hispanic/Latino Media - Certificate

PUR 4110C   **Public Relations Publications**   **3(1,3)**
PR: Ad-PR majors and ~~PUR 3100.~~ <u>VIC 3001.</u>
Basic principles and techniques of desktop production of public relations publications.
Rationale: VIC 3001 as a prerequisite will provide the foundation of visual communication which will be applied in the PR Publications course.
<u>There is 1 program that lists PUR 4110C:</u> Advertising-Public Relations (B.A.)

RTV 3301   **Electronic Journalism I**   **3(3,0)**
PR: ~~RTV 2100~~ <u>Journalism major</u> and ~~RTV Major - Broadcast Journalism Specialization.~~ <u>a minimum grade of "C" (2.0) in JOU 2100C.</u>
Newswriting and newsgathering skills and strategies and their accompanying ethical considerations for analog and digital delivery of broadcast journalism.
Rationale: Curriculum changes last year moved Broadcast Journalism track students from R-TV to Journalism making this change necessary and align with industry trends.
<u>There is 1 program that lists RTV 3301:</u> Journalism (B.A.)

RTV 3304   **Electronic Journalism II**   **3(3,0)**
PR: RTV 3301, RTV ~~3531C,~~ <u>3321,</u> and ~~RTV Major - Broadcast Journalism Specialization.~~ <u>JOU major.</u>
Newswriting and newsgathering strategies learned in RTV 3301 are integrated into a newsgathering context for actual production of analog and digital radio and television news packages.
Rationale: Curriculum changes last year moved Broadcast Journalism track students from R-TV to Journalism making this change necessary and align with industry trends.
<u>There is 1 program that lists RTV 3304:</u> Journalism (B.A.)

RTV 4544   **Advanced Studio Production**   **4(4,0)**
PR: RTV ~~3531~~ <u>3531,</u> and RTV 3543C ~~and PR~~ or ~~CR:~~ RTV 3571; or ~~CI.~~ <u>CI.</u>
Advanced techniques in production and directing television programs and video projects both in-studio and on-location.

Rationale: Clarification of the prerequisite for to be sure students have the necessary knowledge and skills for Advanced Studio Production and proper sequencing of courses.
There is 1 program that lists RTV 4544: Radio - Television (B.A.)

RTV 4561C   **Radio Production and Programming**   **3(2,1)**
PR: RTV 3511 and RTV Major - Production or ~~Broadcast Generalist Specialization.~~ Media Management & Operations specialization.
Study and production of current radio formats, the integration of digital resources, and their effects on today's radio listener. Students should expect significant work in the RTV lab facility outside of class.
Rationale: Changed the name of the specialization, need to change the prerequisite to reflect the new name "Media Management & Operations"
There is 1 program that lists RTV 4561C: Radio - Television (B.A.)

SPC 3301   **Interpersonal Communication**   **3(3,0)**
PR: One of the following: SPC 1608, SPC 1603C, COM 1000, or ~~CR: COM 3311, or C.I.~~ CI.
Nature of the communication process; variables affecting the process and the individuals involved. Analysis of communication models, interactant behavior, situational cues, verbal and non-verbal messages.
Rationale: Students take one of the above courses to provide a foundation for this core requirement and prevent bottlenecks in the core requirements.
There are 4 programs that list SPC 3301: Human Communication - Minor,Nonprofit Management/National Certification in Nonprofit Management - Minor,Human Communication (B.A.),World Languages Education-Spanish (B.S.)

SPC 3445   **Leadership Through Oral Communication**   **3(3,0)**
PR: or CR: COM 3311 or COM 3003, or C.I.
Investigation of leadership in oral communication situations, principles of effective leadership, and leadership in problem solving.
Rationale: Students take either one of the above courses as advanced level core requirements to provide the foundation for internal restricted electives.
There are 4 programs that list SPC 3445: Leadership Studies - Minor,Human Communication (B.A.),Human Communication - Minor,World Languages Education-Spanish (B.S.)

SPC 4331   **Nonverbal Communication**   **3(3,0)**
PR: or CR: COM ~~3311,~~ 3311 or COM 3003, or C.I.
Review of current behavioral research in such areas as proxemics, kinesics, physical characteristics, tactile communication, and paralanguage. Lectures are supplemented by frequent nonverbal exercises.
Rationale: Students take either one of the above courses as advanced level core requirements to provide the foundation for Internal restricted electives.
There are 3 programs that list SPC 4331: Human Communication (B.A.),Human Communication - Minor,World Languages Education-Spanish (B.S.)

SPC 4426   **Group Dynamics**   **3(3,0)**

PR: or CR: COM ~~3311,~~ 3311 or COM 3003, or C.I.

Human behavior in group situations.

Rationale: Students take either one of the above courses as advanced level core requirements to provide the foundation for Internal restricted electives.

There are 4 programs that list SPC 4426: Leadership Studies - Certificate,Leadership Studies - Minor,Human Communication (B.A.),Human Communication - Minor

VIC 4312   **Power Branding**   **3(3,0)**

PR: Ad/PR majors only; MMC 3630, and MMC 3420 and PR: or CR: ADV 4101, ~~and MMC 3420,~~ or C.I.

The importance of brand equity as well as how to build, measure, and manage brand equity.

Rationale: Allowing students to take ADV 4101 as a co-requisite or a prerequisite so that they are not delayed for graduation.

There are no programs that list VIC 4312.

MAS 3105H   **Honors Matrix and Linear Algebra**   **4(4,0)**

PR: MAC 2312 and permission of Honors or C.I.

Matrices, determinants, vector spaces ~~in R^n,~~ over the reals, linear independence, basis, solutions of systems, range of linear transformations, eigenvectors, ~~Jordan Canonical Form, matrix functions, quadratic forms; with~~ singular value decomposition. With Honors ~~content.~~ consent.

Term Offered: ~~Fall~~ Fall, Spring, Summer

Rationale: The change to the course description is done to increase readability and to be reflective of the material taught in the class.

There are no programs that list MAS 3105H.

MAS 3105   **Matrix and Linear Algebra**   **4(4,0)**

PR: MAC 2312 or C.I.

Matrices, determinants, vector spaces ~~in R^n,~~ over the reals, linear independence, basis, solutions of systems, range of linear transformations, eigenvectors, ~~Jordan Canonical Form, matrix functions, quadratic forms.~~ singular value decomposition

Term Offered: Fall, ~~Spring~~ Spring, Summer

Rationale: The change to the course description is done to increase readability and to be reflective or the material taught in the class.

There are 9 programs that list MAS 3105: Mathematics - Minor,Mathematical Biology - Minor,Computer Science (B.S.),Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.),Mathematics Education (B.S.),Industrial Engineering (B.S.I.E.),Mathematics (B.S.),Statistics (B.S.),Industrial Engineering - Accelerated Undergraduate-Graduate Program (B.S.I.E. / M.S.I.E.)

MAS 3106   **Linear Algebra**   **4(4,0)**

PR: MHF 3302 and ~~MAC 2312,~~ MAS 3105, or C.I.

Abstract vector spaces, linear transformations, isomorphisms, projections, inner products, ~~the~~ spectral theorem, Jordan Canonical ~~Form.~~ Form, quadratic forms.

Rationale: This is a second course in Linear Algebra. The change in the course prerequisites reflects that fact. The change to the course description is done to be reflective of the material taught in the class.

There are 5 programs that list MAS 3106: Computer Science (B.S.),Mathematics - Minor,Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.),Mathematics (B.S.),Statistics (B.S.)

AST 4142   **Asteroids, Comets, and Meteorites**   **3(3,0)**

PR: AST ~~2002, AST 3110, and AST 3211.~~ 2002.

Asteroids, comets, and meteorites and their role in the origin and evolution of our solar system.

Rationale: AST4142 is one of the required restricted electives for Physics majors with the Astronomy specialization. The current prerequisites for the course are AST 2002, AST 3110, and AST 3211. AST 3110 and AST 3211 are offered occasionally that prevent the students from taking AST 4142 required for the graduation. From another hand, AST 2002 course itself providing knowledge level satisfying the course prerequisites.

Majors taking course: Physics majors w/ astronomy specialization

There are no programs that list AST 4142.

PHZ 3462   **Nanoscience I: The Science and Societal Impacts**   **3(3,0)**

PR: PHY 2049C or PHY 2054C, and CHM ~~2046C, and COP 3223C.~~ 2045C or CHS 1440.

Provides a broad view of nanoscience and the basic theoretical principles behind it, with special focus on fundamental properties and implications to society.

Rationale: We aim at attracting the largest number of science majors into our minor and for this we modified the pre-requisites of the minor itself in the past, but those changes were not applied to the core courses which were created when forming the minor. Therefore, we are now requesting that the same pre-requisites for the minor apply to the three core courses of the program. These are: PHY 2049C or PHY 2054C, and CHM 2045C or CHS 1440. PHZ 3462, PHZ 3464 and PHZ 3466 not sequential.

There are no programs that list PHZ 3462.

PHZ 3464   **Nanoscience II: Technological Applications**   **3(3,0)**

PR: PHY 2049C or PHY 2054C, and CHM ~~2046C, and COP 3223C.~~ 2045C or CHS 1440.

Provides a comprehensive summary of the most relevant experimental advances in nanoscience and their applications in current technologies as well as their potential for future emerging technologies.

Rationale: We aim at attracting the largest number of science majors into our minor and for this we modified the pre-requisites of the minor itself in the past, but those changes were not applied to the core courses which were created when forming the minor. Therefore, we are now requesting that the same pre-requisites for the minor apply to the three core courses of the program. These are: PHY 2049C or PHY 2054C, and CHM 2045C or CHS 1440. PHZ 3462, PHZ 3464 and PHZ 3466 not sequential.

There are no programs that list PHZ 3464.

PHZ 3466   **Nanoscience III: A Virtual Laboratory**   **3(3,0)**

PR: PHY 2049C or PHY 2054C, and CHM ~~2046C, and COP 3223C.~~ 2045C or CHS 1440.
The computational aspects of nanoscience. Students will model the nano-world using simulation software.
Rationale: We aim at attracting the largest number of science majors into our minor and for this we modified the pre-requisites of the minor itself in the past, but those changes were not applied to the core courses which were created when forming the minor. Therefore, we are now requesting that the same pre-requisites for the minor apply to the three core courses of the program. These are: PHY 2049C or PHY 2054C, and CHM 2045C or CHS 1440. PHZ 3462, PHZ 3464 and PHZ 3466 not sequential.
There are no programs that list PHZ 3466.

EAB 3703　　　　　　　**Principles of Behavior Modification**　　　~~4(4,0)~~
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　3(3,0)

PR: PSY 2012.
An examination of the control of behavior through applications of principles and theories of learning. Examples are drawn from clinical and social psychology and from child rearing.
Rationale: Reduced the credit hours to bring in line with other similar courses in our program
There are 10 programs that list EAB 3703: Communication Sciences and Disorders (B.A. / B.S.),Art Education (B.S.),English Language Arts Education (B.S.),World Languages Education-Spanish (B.S.),Mathematics Education (B.S.),Communication Sciences and Disorders - Accelerated Undergraduate-Graduate Program (B.A. or B.S. / M.A.),Science Education - Biology (B.S.),Science Education - Chemistry (B.S.),Science Education - Physics (B.S.),Social Science Education (B.S.)

EAB 3706　　　　　　　**Behavior Modification - Part II**　　　　~~4(4,0)~~
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　3(3,0)

PR: EAB ~~3703C.~~ 3703.
Continued examination of the principles of behavior analysis and their application, as well as ethical issues related to the delivery of behavior analysis programs.
Rationale: Reduced the credit hours to bring in line with other similar courses in our program
There are no programs that list EAB 3706.

EXP 3204　　　　　　　　~~Perception~~　　　　　　　　　　　4(4,0)
　　　　　　　　　　　　Sensation and Perception
PR: PSY 2012.
Consideration of physical and psychological variables in perceptual phenomena. ~~Lecture/Lab.~~ Lecture/Integrated Lab.
Abbrev (24 of 30): ~~Perception~~ **Sensation and Perception**
Rationale: The name change will more accurately describe the content that is covered in this course.
Majors taking course: n/a
There are 3 programs that list EXP 3204: Cognitive Sciences - Minor,Psychology (B.S.),Psychology - Minor

PSB 4240C   ~~**Neuropsychology**~~   ~~**4(3,2)**~~

PSB 4240   **3(3,0)**

PR: PSB 3002.

Study of brain function, with particular emphasis on human behavior. ~~Lecture/Lab.~~

Rationale: Removed the C and reduced the credit hours to bring in line with other similar courses in our program

There are 3 programs that list PSB 4240C: Cognitive Sciences - Minor,Psychology (B.S.),Psychology - Minor

~~**PSY 2023**~~   ~~**Psychology Cornerstone: Career Paths**~~   ~~**2(2,0)**~~

PSY 3XXX   **Psychology: Career Readiness I**

PR: PSY 2012.

What it means to be a psychology major, career opportunities upon graduation, and different graduate school paths. Graded S/U.

Abbrev (30 of 30): ~~**Psych Cornerstone Career Paths**~~ **Psychology: Career Readiness I**

Discussion with others: n/a

Rationale: This course is the first in a series of 3 courses, the second course being PSY3XXX Psychology: Career Readiness II, and the third being PSY4049 Capstone. These courses have been designed to respond to the Governors Challenge of all Psychology majors being 100% employed 1 year from graduation, if they are not planning on going into a graduate program. We want this class to be upper level to ensure it's taken at UCF, so our Transfer Students are not disadvantaged and we can adjust our suggested path to graduation for our juniors. This course provides great detail into the Psychology B.S. degree, it's requirements, and how to be successful while moving through it. In addition, students are made aware of the University's and Psychology Department's various engagement opportunities that students really need in to order to be competitive for graduate school and employment. Our intention is for students to take this course as early in their curriculum as possible (so for transfer students that would be first semester on campus after their AA) and take PSY 3XXX Psychology: Career Readiness II the following semester. This course offers students an opportunity to learn about the psychology major, expose them to different career paths, and resources available to them that will enhance their education.

Majors taking course: n/a

There is 1 program that lists PSY 2023: Psychology (B.S.)

Rosen College of Hospitality Management Course Revisions

FSS 3124   ~~**Supply and Procurement Management**~~   **3(3,0)**

                               Food Supply Chain Management

PR: HFT 1000, FSS 2221C, HFT 3263 and Junior standing.

~~The purchasing procedures, specifications,~~ Planning and ~~controls of~~ management activities involved in sourcing, procurement, logistics, sustainability, commodities markets, and social responsibility as related to food products and ~~related products in the hospitality industry.~~ services.

Abbrev (28 of 30): ~~**Supply & Procurement Mgmt**~~ **Food Supply Chain Management**

Term Offered: Fall, ~~Spring, Summer~~ Spring

Rationale: Course content updated to reflect current industry trends in the global foodservice industry and broaden the more narrow procurement role into a supply chain perspective.
There is 1 program that lists FSS 3124: Restaurant and Foodservice Management (B.S.)

FSS 4286C ~~**Catering and Banquet Organization**~~ **3(3,1)**
Catering Management
PR: HFT 1000, FSS 2221C, HFT 3263, and Junior standing.
~~Methods~~ The creation and ~~procedures for~~ execution of successful ~~on and off premise catering functions.~~ on-premise catered events. Emphasis on hands on menu planning and design, food preparation, and ~~beverage preparation, menu planning,~~ various service ~~and sales techniques. Laboratory class.~~ styles.
Abbrev (19 of 30): ~~**Catering & Banquet Org**~~ **Catering Management**
Rationale: Course description updated to remove "off-premise", "sales", and "beverage" terms to better align with course content and class activities that are all conducted on Rosen College campus.
There are 2 programs that list FSS 4286C: Hospitality Management (B.S.),Restaurant and Foodservice Management (B.S.)

HFT 3813 ~~**Foodservice Marketing, Sales, and Distribution**~~ **3(3,0)**
Marketing Analysis in the Food Ind
PR: HFT 2500 and HFT 3263.
~~Food service marketing, sales,~~ Applies marketing concepts and ~~distribution from both an operator and supplier perspective.~~ analytic tools to develop strategies for "real-life" marketing challenges in the food industry.
Abbrev (34 of 30): ~~**Foodserv Market Sales and Dist**~~ **Marketing Analysis in the Food Ind**
Term Offered: Fall, ~~Spring, Summer~~ Spring,Occasional
Rationale: The scope of the course was broadened from the narrower aspects of restaurant marketing to include decision-making tools for students to apply their knowledge to "real-life" marketing challenges and develop potential solutions through inquiry based learning.
There is 1 program that lists HFT 3813: Restaurant and Foodservice Management (B.S.)

HFT 4268 ~~**Case Studies in Restaurant Management**~~ **3(3,0)**
Restaurant Entrepreneurship
PR: HFT 3263 and junior standing or C.I.
Application of case study methodology to ~~advanced topics in~~ the topic of entrepreneurship as it relates to small and medium-sized restaurant and ~~food service management.~~ foodservice businesses.
Abbrev (27 of 30): ~~**Case Studies in Rest Mgmt**~~ **Restaurant Entrepreneurship**
Term Offered: ~~Fall, Spring,Odd Summer~~ Occasional
Rationale: Shifts more of the focus of the course content to the topic of entrepreneurship as it relates to restaurant and foodservice businesses.
There is 1 program that lists HFT 4268: Restaurant and Foodservice Management (B.S.)

HFT 4281	~~Restaurant Leadership Strategies and Tactics~~ Restaurant Leadership & Strat Mgt	3(3,0)

PR: HFT 3263 and Junior standing.

~~An analysis~~ Principles of ~~the leadership styles of restaurant industry founders and executives.~~ strategic decision making in food related businesses

Abbrev (33 of 30): ~~Restaurant Leadership~~ Restaurant Leadership & Strat Mgt

Rationale: Shifts more of the focus of the course content to the topic of strategic management as it relates to restaurant and foodservice companies.

There is 1 program that lists HFT 4281: Restaurant and Foodservice Management (B.S.)

HFT 4457	~~Food, Beverage, and Labor Cost Controls~~ Optimizing Profits in Food Ops	3(3,0)

PR: HFT 3263, HFT 3431, and Junior standing.

Provides students ~~with basic fundamentals of food, beverage,~~ realistic and ~~labor~~ contextually rich situations for understanding the cost ~~control systems~~ elements and profit contributors in ~~the hospitality industry.~~ food operations.

Abbrev (30 of 30): ~~Food Bev & Labor Cost Controls~~ Optimizing Profits in Food Ops

Term Offered: Fall, ~~Spring, Summer~~ Spring,Occasional

Rationale: The scope of the course was broadened from the narrower aspects of restaurant cost controls to include more broader aspect of profit optimization in restaurant and food service businesses.

There is 1 program that lists HFT 4457: Restaurant and Foodservice Management (B.S.)

Tabled from 11/03/2016

HFT 4394	**Event Operations**	3(3,0)

PR: All courses in the Event Management core, or C.I.

Planning and implementing a live event.

There are no programs that list HFT 4394.

4. Course Deletions

College of Arts and Humanities Course Deletions

EUH 4582	**CAH-HIST**	3(3,0)

20th Century Russian Diplomatic History PR: C.I. Russian diplomatic history from the signing of the Entente Cordiale to the aftermath of the Cold War.

Discussion with others: We notified Political Science that we will no longer be offering this course.

Rationale: Faculty member who taught class no longer at UCF.

There is 1 program that lists EUH 4582: European Studies - Minor

HIS 4935	**CAH-HIST**	3(3,0)

Senior Seminar PR: Senior standing, history major, and C.I. Research in history through sustained reading, writing, and discussion on a focused topic. May be repeated for credit.
<u>Discussion with others</u>: n/a
<u>Rationale</u>: This course has been replaced by HIS 4959 as a capstone requirement.
<u>There are no programs that list HIS 4935.</u>

HIS 4970   **CAH-HIST**   3(3,0)
Senior Thesis Original research paper available to advanced history majors, topics to be selected in consultation with a directing professor.
<u>Discussion with others</u>: n/a
<u>Rationale</u>: This course has been replaced by HIS 4959 as a capstone requirement.
<u>There are no programs that list HIS 4970.</u>

LAH 4742   **CAH-HIST**   3(3,0)
The Mexican Revolution PR: AMH 2020 or C.I. Political and social history of Mexico since 1910 and domination of one party rule over 70 years.
<u>Discussion with others</u>: We've notified Latin American Studies that we will no longer be offering this course.
<u>Rationale</u>: Faculty member who taught class no longer at UCF.
<u>There are 2 programs that list LAH 4742:</u> Latin American Area Studies - Minor,Latin American Studies (B.A.)

JST 3312   **CAH-JUD**   3(3,0)
Identity and Genre PR: ENC 1102 or C.I. Jewish and Hebrew literature as related to the intellectual quest for Jewish identity and modernism in the 18th and 19th centuries.
<u>Discussion with others</u>: n/a
<u>Rationale</u>: It has not been taught in a number of years and had low enrollment.
<u>There are 2 programs that list JST 3312:</u> Judaic Studies - Certificate,Judaic Studies - Minor

JST 3810   **CAH-JUD**   3(3,0)
The Jewish National Movement and Roots of Zionism Roots of Zionism and Jewish nationalism and their relationship to modern anti-semitism, through analysis of European Jewish history and society.
<u>Discussion with others</u>: n/a
<u>Rationale</u>: It has not been taught in a number of years and we have no plans to teach it in the future.
<u>There are 2 programs that list JST 3810:</u> Judaic Studies - Certificate,Judaic Studies - Minor

CHI 1120H   **CAH-LANG**   4(4,0)
Honors Elementary Chinese Language and Civilization I PR: Permission of Honors. Introduces the student to Chinese culture through the major language skills: Listening, speaking, reading and writing. Open only to students with no experience in the language. Honors level content.
<u>Rationale</u>: This Honors version of Elementary Chinese has not been offered in many years. The same subject matter is covered in CHI1120 currently offered through the regular curriculum.

There are no programs that list CHI 1120H.

CHI 1121H   **CAH-LANG**   **4(4,0)**
Honors Elementary Chinese Language and Civilization II PR: Permission of Honors. Continuation of CHI 1121H.
Rationale: This Honors version of Elementary Chinese has not been offered in many years. The same subject matter is covered in CHI1121 currently offered through the regular curriculum.
There are no programs that list CHI 1121H.

FRE 3954   **CAH-LANG**   **6(6,0)**
Study Abroad in the Caribbean PR: FRE 2201 or equivalent. Travel through Caribbean islands, studying the diversity within the Creole cultures. May be repeated for credit.
Discussion with others: n/a
Rationale: It has not been taught in a number of years and we have no plans to teach it in the future.
There are no programs that list FRE 3954.

GER 2210   **CAH-LANG**   **3(3,0)**
Intensive German Conversation PR: GER 1121C or C.I. Practical use of the language, leading toward fluency and correctness in speaking.
Discussion with others: n/a
Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.
There are no programs that list GER 2210.

GER 2240   **CAH-LANG**   **3(3,0)**
German Conversation PR: GER 2201 or equivalent. Development of skills in conversation and comprehension through practice.
Discussion with others: n/a
Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.
There are no programs that list GER 2240.

GER 2270   **CAH-LANG**   **6(6,0)**
Intermediate German Study Abroad PR: GER 1121C or equivalent. Intermediate German language and culture taught in the native environment.
Discussion with others: n/a
Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.
There are no programs that list GER 2270.

GER 2271   **CAH-LANG**   **2(2,0)**
Modern German Civilization Abroad I PR: One year of College-level German. Key elements of German life: its artistic, intellectual, scientific, and spiritual contributions to the world via guest lecturers, readings, films, and other media. In German.

Discussion with others: n/a

Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.

There are no programs that list GER 2271.

GER 3272   **CAH-LANG**   **2(2,0)**

Modern German Civilization Abroad II PR: GER 2201 or equivalent. Key elements of German life: its artistic, intellectual, scientific, and spiritual contributions to the world via guest lecturers, readings, films, and other media. In German.

Discussion with others: n/a

Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.

There are no programs that list GER 3272.

GER 3440   **CAH-LANG**   **3(3,0)**

Business German I PR: GER 2200. Introduction to German business language and practices.

Discussion with others: n/a

Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.

There are no programs that list GER 3440.

GER 3441   **CAH-LANG**   **3(3,0)**

Business German II PR: GER 3440. Continuation of Business German I.

Discussion with others: n/a

Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.

There are no programs that list GER 3441.

GER 3470   **CAH-LANG**   **6(6,0)**

Advanced German Study Abroad PR: GER 2201. Advanced German grammar in the context of conversation and composition taught in the native environment.

Discussion with others: n/a

Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.

There are no programs that list GER 3470.

GER 3780   **CAH-LANG**   **3(3,0)**

German Phonetics and Diction PR: GER 2240. The fundamental principles of German pronunciation.

Discussion with others: n/a

Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.

There are no programs that list GER 3780.

GER 4510   **CAH-LANG**   **3(3,0)**

Life and Culture in Nazi Germany PR: C.I. Confrontation with the development of national socialist ideas and their realization in everyday life and culture. Given in German.
Discussion with others: We've emailed Political Science letting them know the course will no longer be available for their European Studies Minor.
Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.
There is 1 program that lists GER 4510: European Studies - Minor

GEW 3100   **CAH-LANG**   **3(3,0)**
Survey of German Literature I PR: GER 2201 or equivalent. Main literary currents and works from the Middle Ages through 19th Century Romanticism.
Discussion with others: n/a
Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.
There are no programs that list GEW 3100.

GEW 3101   **CAH-LANG**   **3(3,0)**
Survey of German Literature II PR: GER 2201 or equivalent. Main literary currents and works from 19th Century Realism to the present.
Discussion with others: We've emailed Political Science letting them know the course will no longer be available for their European Studies Minor.
Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.
There is 1 program that lists GEW 3101: European Studies - Minor

GEW 3370   **CAH-LANG**   **3(3,0)**
Short Story PR: GER 2201 or equivalent. German short prose works of the 19th and 20th centuries.
Discussion with others: We've emailed Political Science letting them know the course will no longer be available for their European Studies Minor.
Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.
There is 1 program that lists GEW 3370: European Studies - Minor

GEW 4482   **CAH-LANG**   **3(3,0)**
German Children's Literature PR: GER 2200. A look into the history of German children's literature with a concentration on works after World War II.
Discussion with others: We've emailed Political Science letting them know the course will no longer be available for their European Studies Minor.
Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.
There is 1 program that lists GEW 4482: European Studies - Minor

GEW 4531   **CAH-LANG**   **3(3,0)**

The Age of Goethe and Schiller PR: GER 2201. Selected texts of Goethe and Schiller are examined, with particular attention to their relationship to both German classicism and German romanticism.

Discussion with others: We've emailed Political Science letting them know the course will no longer be available for their European Studies Minor.

Rationale: Course has not been offered in the past five years and is not expected to be offered in the future.

There is 1 program that lists GEW 4531: European Studies - Minor

JPN 2952   **CAH-LANG**   **3(3,0)**

Japanese Cultural Studies Abroad PR: JPN 1120C and JPN 1121C. Japanese culture through key elements of Japanese life and comprehensive exposure of various aspects of their material cultural heritage. Conducted in Japanese.

Discussion with others: n/a

Rationale: Other study abroad courses already exist and we no longer need this course.

There are no programs that list JPN 2952.

JPN 3760   **CAH-LANG**   **3(3,0)**

Advanced Japanese Conversation PR: JPN 1121C or equivalent proficiency. Communication in conversational Japanese to enhance knowledge of the sound changes, speech functions and styles in verbal discourse.

Discussion with others: n/a

Rationale: We no longer need this course.

There are no programs that list JPN 3760.

RUS 2210   **CAH-LANG**   **3(3,0)**

Intensive Russian Conversation PR: One year of Russian or equivalent. Practical use of the language, leading toward fluency and correctness in speaking.

Discussion with others: n/a

Rationale: RUS 2210 Intensive Russian Conversation has the same requirements as another language course. It has not been offered in many years and it's not expected to be offered in the future.

There are no programs that list RUS 2210.

MUH 2071C   **CAH-MUSIC**   **1(0,1)**

World Music Survey and Performance Laboratory PR: MUT 1122 or C.I. An introduction to different musical cultures including West African, Caribbean, South American, and Asian.

Discussion with others: n/a

Rationale: Not a required course and no longer needed.

There are no programs that list MUH 2071C.

MUH 4218   **CAH-MUSIC**   **1(1,0)**

Review of Music History PR: C.I. A review of music history from Ancient Greece to the present.

Discussion with others: n/a

Rationale: Not a required course and no longer needed.

There are no programs that list MUH 4218.

MUL 3381   **CAH-MUSIC**   **3(3,0)**
Contemporary Popular Music PR: MUL 2010 or MUT 1122 or C.I. History and analysis of selected genres in recent popular music. Music reading not required.
Discussion with others: n/a
Rationale: Not a required course and no longer needed.
There are no programs that list MUL 3381.

MUN 4476   **CAH-MUSIC**   **1(0,2)**
Early Music Ensemble PR: C.I. Study and performance of pre-classical music. May be repeated for credit.
Discussion with others: n/a
Rationale: Not a required course and no longer needed.
There are no programs that list MUN 4476.

PHH 3041   **CAH-PHIL**   **3(3,0)**
Russian Philosophy PR: ENC 1102. A study of major themes and developments in Russian philosophy from the 18th century to the present, including critiques of culture, religion, society, and politics.
Discussion with others: We've emailed Political Science letting them know the course will no longer be available for their European Studies Minor.
Rationale: No faculty to teach this course and not a strategic part of our curriculum.
There is 1 program that lists PHH 3041: European Studies - Minor

ARE 3935   **CAH-SVAD**   **12(0,12)**
Community Arts Internship PR: C.I. An on-site in-depth experience for community arts majors with a concentration in administration, education, or therapeutic experience.
Discussion with others: n/a
Rationale: ARE 3935 has not been offered in the last five years and needs to be removed from the catalog.
There are no programs that list ARE 3935.

ARH 3673   **CAH-SVAD**   **3(3,0)**
Modern Art of Mexico PR: ARH 2050 or ARH 2051 or C.I. Modern art of Mexico from the Mexican Academy post-independence to the 1980's.
Discussion with others: We've contacted Latin American Studies and they will update their programs.
Rationale: ARH 3673 has not been offered in the last 5 years and needs to be removed from the catalog.
There are 2 programs that list ARH 3673: Latin American Area Studies - Minor,Latin American Studies (B.A.)

ARH 4540   **CAH-SVAD**   **3(3,0)**

Art of India PR: Junior Standing or C.I. Art and architecture of India from prehistoric times through the Gupta, Rajput, and Muslim periods.

Discussion with others: We've discussed this with the Asian Studies minor and they are deleting the course from their listing.

Rationale: ARH 4540 has not been offered in the last 5 years and needs to be removed from the catalog.

There are 3 programs that list ARH 4540: Art History - Minor, Art - History Track (B.A.), Asian Studies - Minor

ART 3616C   **CAH-SVAD**   3(3,0)

Animation Production Methods PR: ART 2201C, ART 2203C, ART 2300C, ART 2301C, C.I. The development of a computer animation piece. All aspects of production will be covered. May be repeated for credit.

Discussion with others: n/a

Rationale: ART 3616C has not been offered in the last 5 years and is not listed as part of any SVAD program.

There are no programs that list ART 3616C.

ART 3618   **CAH-SVAD**   3(3,0)

Post-Production Design PR: Sophomore Portfolio and "C'" or better in FIL 3720C. Special effects and compositing for computer animation and film. Focus on the use of After Effects, Premier and Photoshop software.

Discussion with others: n/a

Rationale: ART 3618 has not been offered in the last 5 years and needs to be removed from the catalog.

There is 1 program that lists ART 3618: Film (B.F.A.)

ART 4226C   **CAH-SVAD**   3(3,3)

Post Production for Animators PR: FIL 3734C. Concepts and tools for finishing computer and traditional animations on film and video. Emphasis on compositing tools to combine elements in a finished animation.

Discussion with others: n/a

Rationale: ART 4226C has not been offered in the last 5 years and is not listed as part of any SVAD program.

There are no programs that list ART 4226C.

ART 4634C   **CAH-SVAD**   3(3,1)

Web Art PR: ART 2823 or C.I. The Web as a medium for art.

Discussion with others: n/a

Rationale: ART 4634C has not been offered in the last 5 years and needs to be removed from the catalog.

There is 1 program that lists ART 4634C: Art - Studio Track (B.A.)

ART 4971   **CAH-SVAD**   3(2,4)

Senior Thesis PR: Senior Standing, Art major, and C.I. A capstone thesis for Art Animation majors. May be repeated for credit.
Discussion with others: n/a
Rationale: ART 4971 has not been offered in the last 5 years and is not listed as part of any SVAD program.
There are no programs that list ART 4971.

DIG 4522   **CAH-SVAD**   **3(3,0)**
Digital Media Service PR: DIG 3035. Practicum in which students utilize their digital media skills to create media rich products. May be used in the degree program a maximum of 4 times.
Discussion with others: n/a
Rationale: DIG 4522 has not been offered in the last 5 years and is not listed in any SVAD programs.
There are no programs that list DIG 4522.

ENC 4544   **CAH-WRITE**   **3(3,0)**
Writing Pedagogy PR: Grade of "C" (2.0) or better required in ENC 1102. Overview of pedagogical issues and strategies related to the teaching of writing, with focus on college-level writing.
Discussion with others: n/a
Rationale: We have not been able to offer this course in recent years and do not have a plan to do so in the foreseeable future. This course is not required in any major and is not a prerequisite for other courses.
There are no programs that list ENC 4544.

LIN 4600   **CAH-WRITE**   **3(3,0)**
Language and Society PR: Grade of "C" (2.0) or better required in ENC 1102. Examines language and society, including the relationship of sociolinguistic variations to identity and culture.
Discussion with others: n/a
Rationale: We have not been able to offer this course in recent years and do not have a plan to do so in the foreseeable future. This course is not required in any major and is not a prerequisite for other courses.
There are no programs that list LIN 4600.

College of Business Administration Course Deletions

FIN 4730   **BA-FIN**   **3(3,0)**
Senior Financial Consulting I PR: Finance major, FIN 3403 and FIN 3303, each with a "C" (2.0) or better; CR: FIN 3414, FIN 4453. Project management in a collaborative, interdisciplinary team environment. Incorporates financial problem solving, design and consulting in projects for major corporations. Part 1 of a two course sequence. Students must register for both semesters.
Rationale: Faculty loads are prioritized toward required and traditional electives and there are no faculty available to teach this class.
There are no programs that list FIN 4730.

College of Engineering and Computer Science Course Deletions

EEL 4512C   **ECS-ECE**   **4(3,3)**
Communication Systems PR: STA 3032, EEL 3552C and EEE 3307C. Information transmission, modulation, and noise; design and comparison systems in the presence of noise.
Rationale: After examining the syllabi of EEL 4512C and other courses within the area of communication and signal processing, a huge overlap was found between this course and other courses. Hence the decision to delete this course and cover the needed material in EEL 4515C.
There is 1 program that lists EEL 4512C: Electrical Engineering - RF and Microwaves Track (B.S.E.E.)

College of Sciences Course Deletions

ANT 4266   **COS-ANTHRO**   **3(3,0)**
Economic Anthropology: Production, Consumption, and Exchange PR: ANT 2000, ECO 2013, PSY 2012, or SYG 2000. Issues, methods, and concepts of economic anthropology.
Discussion with others: Contacted Latin American Studies - email available upon request.
Rationale: This course has not been offered in the past 5 years, and the department does not have plans to offer it in the future.
There are 6 programs that list ANT 4266: Anthropology (B.A.),Anthropology in Multicultural Studies - Minor,Anthropology - Minor,Latin American Area Studies - Minor,Latin American Studies (B.A.),Cultural Anthropology - Minor

BOT 3152C   **COS-BIOL**   **3(1,4)**
Local Flora PR: A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Recognition and identification of Florida higher plants, especially those common to central Florida, stressing environmental and ethnobotanical significance. Weekend field trips may be required.
Discussion with others: Discussed w/ IDS major - email available upon request.
Rationale: Course not offered in 5-years.
There are 3 programs that list BOT 3152C: Interdisciplinary Studies - Environmental Studies Track (B.S.),Cultural Tourism - Certificate,Environmental Studies - Minor

BSC 3949   **COS-BIOL**   **0(0,8)**
Cooperative Education in Biology PR: Departmental permission required before registering. Cooperative education experience in biology. Graded S/U. May be repeated.
Discussion with others: n/a
Rationale: Course not offered in 5-years.
There are no programs that list BSC 3949.

MAC 1105H   **COS-MATH**   **3(3,0)**

Honors College Algebra PR: Appropriate score on the UCF Math Placement Exam, or Intermediate algebra or 2 years of high school algebra, and permission of Honors. Analysis of functions (including polynomial, rational, exponential, logarithmic), analysis of conic sections, analysis of systems of linear equations, sequences and series, mathematical induction, and the binomial theorem. The "NC" grading policy applies to this course.
Discussion with others: Honors college approves deletion. Emails available upon request.
Rationale: Course not offered in 5-years
There are no programs that list MAC 1105H.

MAC 1140H   **COS-MATH**   **3(3,0)**
Honors Pre-Calculus Algebra PR: Appropriate score on the UCF Math Placement Exam, or MAC 1105C with a C (2.0) or better, and permission of Honors. Polynomial, rational, exponential, logarithmic, and piecewise defined functions; matrices, conic sections, sequences and series, binomial theorem, mathematical induction, and applications with additional honors content. The "NC" grading policy applies to this course.
Discussion with others: Honors college approves deletion. Emails available upon request.
Rationale: Course not offered in 5-years.
There are no programs that list MAC 1140H.

AST 3722C   **COS-PHYS**   **3(3,0)**
Techniques of Observational Astronomy PR: AST 2002, PHY 2048C. Fundamental principles and techniques used in planning, reducing, and analyzing modern astronomical observations. Numerical treatment of photometry, spectroscopy, and CCD images.
Discussion with others: n/a
Rationale: There is a related course created recently covering the same topics of this course, which was created by a faculty member not at UCF anymore.
There are no programs that list AST 3722C.

PHY 3920   **COS-PHYS**   **1(1,0)**
Frontiers in Physics Research: Colloquia and Public Talks PR: PHY 3101 or C.I. Presentations of current research and major advances in physics. Graded S/U. May be used in the degree program a maximum of 3 times.
Discussion with others: n/a
Rationale: This course is not a priority for the department curriculum anymore.
There are no programs that list PHY 3920.

PHZ 4041   **COS-PHYS**   **3(3,0)**
Attosecond Laser Physics PR: PHY 3323 or PHY 5346 or C.I. Coverage of the basic underlying theory through complex concepts of attosecond optics.
Discussion with others: n/a
Rationale: This course was created more than five years ago and never offered. Not seen as a curriculum priority by the department at this time.
There are no programs that list PHZ 4041.

INR 4333   **COS-POLS**   **3(3,0)**

International Security PR: POS 2041 or C.I. The security relations and problems of nation states.
Discussion with others: n/a
Rationale: Instructor non longer available given current departmental needs. Other relevant courses offered.
There are 2 programs that list INR 4333: Intelligence and National Security - Minor,Intelligence and National Security - Certificate

POT 4414   **COS-POLS**   **3(3,0)**
Marxist Political Theory PR: ENC 1102. Survey of Marx & Engels and other thinkers, exposing the theoretical underpinnings of nations and groups who have adapted marxist principles for governance.
Discussion with others: Notified Russian Studies - EM available upon request.
Rationale: No instructor available. Other similar courses offered.
There are 3 programs that list POT 4414: Political Science - Prelaw Track (B.A.),Political Science (B.A.),Russian Studies - Minor

PUP 3325   **COS-POLS**   **3(3,0)**
Women and Political Behavior PR: POS 2041 or ENC 1102, or C.I. Women's role in the political process, emphasizing women in the governmental and policy process.
Discussion with others: Notified Women's Studies - EMs available upon request. Notified Leadership Studies - no response.
Rationale: Instructor no longer wants to offer course. Last time it was scheduled the course did not fill and was removed.
There are 5 programs that list PUP 3325: Leadership Studies - Certificate,Leadership Studies - Minor,Political Science - Prelaw Track (B.A.),Political Science (B.A.),Women's and Gender Studies - Minor

PUP 4602   **COS-POLS**   **3(3,0)**
Politics of Health PR: ENC 1102. Analysis of public health policies. Primary focus upon political processes, policymakers, and interest group interventions, including consumers and policy outcomes. Comparative health policies.
Discussion with others: Notified Anthropology Dept - EM available upon request.
Rationale: No instructor available given department needs.
There are 3 programs that list PUP 4602: Political Science - Prelaw Track (B.A.),Political Science (B.A.),Anthropology of Global Health - Certificate

STA 3096   **COS-STAT**   **3(3,0)**
Statistical Graphics PR: STA 2023 or STA 3032 and a knowledge of a programming language. Principles of graph construction, graphical perception, graphical methods, computer programs for graph construction.
Discussion with others: None.
Rationale: This course was an elective for statistics majors but is not needed because of the availability/use of statistical software in other required and elective courses.
There is 1 program that lists STA 3096: Statistics (B.S.)

5. Course Continuations

College of Arts and Humanities Course Continuations

EUH 4610H   **CAH-HIST**   **3(3,0)**
Honors Women in European Society PR: GEP Honors completion or permission of Honors. Interdisciplinary approach to the changing situation of women in Europe across space and over time with honors-level content.
Rationale: Course is scheduled for Fall 2017.
There are no programs that list EUH 4610H.

HBR 3250   **CAH-JUD**   **3(3,0)**
Biblical Hebrew PR: HBR 1121 or C.I. Grammatical and syntactical structure of Biblical Hebrew.
Rationale: Biblical Hebrew was not offered within the past five years due to low student demand for the course. However, with our new approach to attracting and retaining students, we are hopeful for a strong enrollment in the course in the fall semester of 2017.
There are 2 programs that list HBR 3250: Judaic Studies - Certificate,Judaic Studies - Minor

FRW 4281   **CAH-LANG**   **3(3,0)**
20th Century French Novels PR: FRW 3100 or FRW 3101 or equivalent. Contemporary French Novel. Will focus on post-war authors, both traditional and avant-garde, such as Bazin, Beckett, Butor, Camus, Mauriac, Malraux and Sarraute.
Rationale: Even if only offered every few years, the modern French novel is an important theme to cover in a well-rounded French program. Projected to be offered Fall 2017.
There is 1 program that lists FRW 4281: European Studies - Minor

ITA 3564   **CAH-LANG**   **3(3,0)**
Modern Italian Culture PR: ITA 2200 or C.I. Modern Italian culture (1920s through today) through literature, film, and mass media.
Rationale: We plan to keep this course because it's an important foundation for all Italian minors. Projected to be offered Spring 2017.
There are no programs that list ITA 3564.

ITT 4957H   **CAH-LANG**   **3(3,0)**
Honors Italian Literature in Translation PR: ENC 1102 and consent of Honors. Main literary tendencies and authors of Italian Literature, with honors content.
Rationale: This course adds to the repertoire of Italian literature courses that are regularly offered in the Honors college. Projected to be offered Spring 2018.
There are no programs that list ITT 4957H.

RUS 3240   **CAH-LANG**   **3(3,0)**

Russian Conversation PR: RUS 2201 or equivalent. Development of skills in conversation and comprehension through practice.
Rationale: It has become relevant again in the context of Dr. Alla Kourova's STARTALK program, and she plans to offer the course in Summer 2017.
There are no programs that list RUS 3240.

MUN 3437   **CAH-MUSIC**   1(1,0)
Trumpet Ensemble PR: C.I. Rehearsal and performance of music for trumpet ensembles. May be repeated for credit.
Rationale: We are currently conducting a search for a new trumpet professor. We want to keep this course active because it may be a course that they would like to use with the trumpet studio.
There are no programs that list MUN 3437.

HUM 3419H   **CAH-PHIL**   3(3,0)
Honors Islamic Thought and Culture PR: HUM 2230, or REL 2300, and Consent of Honors. The development of Islamic thought and culture, concentrating on religion, jurisprudence, philosophy, science and art with special focus on perception of Islam in Western literature and scholarship. With Honors content.
Rationale: We are currently running a search for a tenure-track faculty member who specializes in Islamic Studies who would be able to teach this course in the near future. Also, BHC would like to keep this course.
There are no programs that list HUM 3419H.

PHI 2647   **CAH-PHIL**   3(3,0)
Logic and Ethics PR: PHI 2101 or COT 3100C or MAD 2104. Research in logic applied to ethics, especially for science and technology. Uses of simulation and modeling to study philosophical problems in ethics.
Rationale: This is an important course in our Reasoning section of the Philosophy major, and we intend to offer this in summer 2017. We also have a recent new hire (Garbayo) who is interested in teaching this course.
There are 2 programs that list PHI 2647: Philosophy - Minor,Philosophy (B.A.)

PHI 3625   **CAH-PHIL**   3(3,0)
Virtual Ethics PR: COP 3502C or DIG 2000 or C.I. Ethics of virtual worlds as contrasted to the physical world, the use of simulation, virtual environments, and modeling in philosophy, especially in ethics.
Rationale: We have new faculty members interested in teaching this course (Beever, Fagiano) and intend to schedule it in spring 2018.
There are 3 programs that list PHI 3625: Philosophy - Minor,Digital Humanities - Minor,Philosophy (B.A.)

PHI 3750   **CAH-PHIL**   3(3,0)
The Problem of Evil PR: PHI 2010 or C.I. The traditional problem of evil encompassing philosophical, theological, logical, and natural interpretations and assessments of moral and natural evil.

Rationale: We have a new hire (Flanagan-Feddon) interested in teaching this course and intend to schedule it in spring 2018.
There are 2 programs that list PHI 3750: Philosophy - Minor,Philosophy (B.A.)

PHP 3783   **CAH-PHIL**   **3(3,0)**
Modernity as a Philosophical Problem PR: PHI 2010 or PHI 3640 or C.I. Modernity in the philosophies of Kant, Hegel, Nietzsche, Heidegger, Derrida, Rorty, and others.
Rationale: This course is scheduled next semester (spring 2017).
There are 3 programs that list PHP 3783: Philosophy - Minor,European Studies - Minor,Philosophy (B.A.)

ARE 3944   **CAH-SVAD**   **3(2,3)**
Community Arts Practicum PR: C.I. A supervised experience for students to facilitate art programming in a variety of community settings.
Rationale: We wish to retain this course for another year while we gather a syllabus and update the Community Arts PAVE minor.
There is 1 program that lists ARE 3944: Art - Visual Arts and Emerging Media Management Track (B.A.)

ARE 4260   **CAH-SVAD**   **3(3,0)**
Methods in Art Administration PR: ARH 3820. Theories and methodologies for designing, implementing and administering art programs for a variety of populations.
Rationale: We wish to retain this course for another year while we gather a syllabus and update the Community Arts PAVE minor.
There is 1 program that lists ARE 4260: Art - Visual Arts and Emerging Media Management Track (B.A.)

FIL 3831   **CAH-SVAD**   **3(4,0)**
Black Cinema PR: Junior standing and ENC 1102. Independent black film movements; theory, aesthetics and criticism of African-American, African-Canadian and African-Caribbean cinema.
Rationale: The Film BA and BFA curricula is currently under revision and may reinstate this course so request is that it remain active. Earliest offering would be Fall 2108.
There are 5 programs that list FIL 3831: American Studies - Minor,Film (B.F.A.),Film (B.A.),Africana Studies - Minor,Film - Cinema Studies - Minor

ENC 4504   **CAH-WRITE**   **3(3,0)**
Contemporary Composition Theory PR: Grade of "C" (2.0) or better required in ENC 1102. Considers major theoretical paradigms and more emergent theoretical explorations in modern and contemporary composition studies.
Rationale: We now have faculty in the department with expertise in composition theory and can offer the course.
There are 2 programs that list ENC 4504: Writing and Rhetoric - Minor,Writing and Rhetoric (B.A.)

College of Business Administration Course Continuations

ACG 2021H   **BA-ACCT**   **3(3,0)**
Honors Principles of Financial Accounting PR: MAC 1105C with a "C" (2.0) or better, and consent of Honors. Same as ACG 2021 with honors level content.
Rationale: This course will be used in the future if/when an honors program is re-established for the BSBA Accounting program.
There are no programs that list ACG 2021H.

College of Sciences Course Continuations

ANT 4802   **COS-ANTHRO**   **3(3,0)**
Ethnographic Field Methods PR: ANT 2000, ANT 2410, SYG 2000, PSY 2012, or C.I. Procedures and principles of ethnographic research methods.
Rationale: Key course in upcoming Anthropology BS and new faculty has been hired to teach course.
There are 5 programs that list ANT 4802: Anthropology (B.A.),Anthropology in Multicultural Studies - Minor,Anthropology - Minor,Medical Anthropology - Minor,Cultural Anthropology - Minor

MAA 4934   **COS-MATH**   **3(3,0)**
Topics in Analysis PR: MAS 3106 and MAA 4226, or C.I. Advanced topics in analysis. Selection of topics will vary. May be used in the degree program a maximum of 3 times.
Rationale: These courses are avenues to offer students a variety of coursework concentration on new topics. With the increase in the number of majors and minors theses courses will be offered more regularly.
There are no programs that list MAA 4934.

MAD 4934   **COS-MATH**   **3(3,0)**
Topics in Discrete Mathematics PR: MAS 3106 and either MAD 4203 or MAD 4301, or C.I. Advanced topics in discrete mathematics. Selection of topics will vary. May be used in the degree program a maximum of 3 times.
Rationale: These courses are avenues to offer students a variety of coursework concentration on new topics. With the increase in the number of majors and minors theses courses will be offered more regularly.
There are no programs that list MAD 4934.

MAP 3482H   **COS-MATH**   **3(3,0)**
Honors Systems Modeling and Simulation PR: Permission of Honors and MAC 2312. Population growth dynamics; spread of an epidemic; ecological predator-prey relationships; insulin and its use in the control of diabetes; economic systems.
Rationale: The only upper division honors course offered by the Department of Mathematics. Offering this course will be an issue discussed by the Department of Mathematics and the Honors College in the near future.
There are no programs that list MAP 3482H.

MAP 3923   **COS-MATH**   **1(1,0)**

Frontiers in Mathematical Research: Colloquia and Public Talks PR: MAP 2302 or C.I. Current research in mathematics and related fields, as presented by leading national and international researchers. May not be used to satisfy requirements for mathematics major or minor. Graded S/U. May be used in the degree program a maximum of 3 times.
Rationale: Gives students opportunity to avail themselves of the colloquium and public talks of the department to gain an understanding of the frontiers of mathematics. With an increasing emphasis in undergraduate research this course will be used more often.
There are no programs that list MAP 3923.

MAS 4934   **COS-MATH**   **3(3,0)**

Topics in Algebra PR: MAS 3106 and MAS 4301, or C.I. Advanced topics in abstract algebra and discrete mathematics. Selection of topics will vary. May be used in the degree program a maximum of 3 times.
Rationale: These are courses that are avenues to offer students a variety of coursework concentration on new topics. With the increase in the number of majors and minors these courses will be offered more regularly.
There are no programs that list MAS 4934.

MTG 4934   **COS-MATH**   **3(3,0)**

Topics in Topology and Geometry PR: MAS 3106 or C.I. Advanced topics in geometry and topology. Selection of topics will vary. May be used in the degree program a maximum of 3 times.
Rationale: These are courses that are avenues to offer students a variety of coursework concentration on new topics. With the increase in the number of majors and minors these courses will be offered more regularly.
There are no programs that list MTG 4934.

MET 2104   **COS-PHYS**   **3(3,0)**

The Earth's Climate History, physics and dynamics of the Earth's climate.
Rationale: Climate change is rapidly becoming the pivotal scientific and political issue of our century. For such a critical issue the basic science of the Earth's climate is very poorly understood by the general public and also by the UCF student body. It is critical that UCF offers a general education level class that covers the fundamentals of the history, physics, and dynamics of the Earth's climate. MET2104 occupies an excellent niche in that it covers a critical issue and also illustrates a practical application of fundamental physics principles such as thermodynamics, electromagnetism, and Newtonian dynamics. The department will work to make it a GEP alternate and eventually add it to the list of GEP courses.
There are no programs that list MET 2104.

PHY 4254   **COS-PHYS**   **3(3,0)**

Physics of Fluids and Biofluids PR: PHY 3513, PHY 3323, and MAP 2302, or C.I. Ideal fluids; basic equation of fluid flow; viscous flow, instability and turbulence; thermal and mass transfers in fluids; biofluid mechanics of blood circulation.

Rationale: The Physics department plans to offer the following elective courses in the immediate future to maintain a diverse curriculum in different fronts of physics. These courses have not been offered during the last years due to the limiting number of instructors in the department during a time of a substantial increase of the number of students enrolled in physics courses. With the recent hires of physics faculty, it is the department's plan to start offering these courses again soon.

There are no programs that list PHY 4254.

PHZ 4390   **COS-PHYS**   3(3,0)
Nuclear and Particle Physics PR: PHY 4605 or C.I. The properties of the nuclei and the fundamental particles and how the universe is built from particles.

Rationale: The Physics department plans to offer the following elective courses in the immediate future to maintain a diverse curriculum in different fronts of physics. These courses have not been offered during the last years due to the limiting number of instructors in the department during a time of a substantial increase of the number of students enrolled in physics courses. With the recent hires of physics faculty, it is the department's plan to start offering these courses again soon.

There are no programs that list PHZ 4390.