12:01 pm

Undergraduate Course Review Committee (UCRC)
Tuesday, September 5, 2017 at 12:00 – 1:00 PM
College of Sciences (CSB) 221

AGENDA

I. Welcome and guest introductions

II. Items for discussion, review and voting

a. Call-in Policy approved

b. Special Topics Curriculum Proposal

i. First introduced at the Undergraduate Council meeting

III. Course Action Agenda

a. Course Additions

b. Course Revisions

c. Course Deletions

IV. Update on new curriculum management system implementation Presented

V. Adjournment 12:54

Next meeting:
Tuesday, October 3, 2017

9/5

Course Agenda

1. Course Additions

College of Health and Public Affairs Course Additions

PLA 4410H **HPA-LS** **3(3,0)**
Hon: Intellectual Property Law and Practice: PR: Junior Standing; Consent of honors. This course provides a comprehensive understanding of intellectual property law and practice based on four areas: trademark, copyright, patent and trade secrets with honors content. *Occasional.*
Abbrev: (43 of 30 chars) HON: Intellectual Property Law ~~and Practice~~ REMOVED
Discussion with others: no conflict, This is a current course within the legal studies catalog, with the consent of the Honors College, we are wanting to add the honors distinction.
Rationale: UCF is in the High tech corridor and inventors and students need information on patents, copyrights, trademarks, and trade secrets. This course complements the goal of the University as a research institution. The Honors College has requested and approved this course.

College of Optics and Photonics Course Additions

OSE 4XXX **OPT-OPT** **1(0,1)**
Directed Independent Research: PR: Department and Instructor Consent. Introduction to research methods in optics and photonics. Available for students who wish to conduct related research with faculty in CREOL. *Occasional.*
Abbrev: (29 of 30 chars) Directed Independent Research
Repeat For Credit: True Max Times: 3
Rationale: We have been enrolling students in this course and it was recently discovered that this course number is not in the state catalog. Need to correct this and assign number OSE 4912.

Rosen College of Hospitality Management Course Additions

FSS 3XXXC **RCHM-FOOD&LODG** **3(1,3)**
Garde Manger: PR: FSS 2221C or FSS 2284C. Application of advanced preparation techniques of cold foods, preservation techniques, edible centerpieces, and buffet presentations. *Occasional.*
Abbrev: (12 of 30 chars) Garde Manger
Rationale: Due to the broad scope of the food industry and the growing career opportunities available, it is important that we expand our curriculum to include more culinary related courses. This elective course will introduce students to the application of advanced preparation techniques of cold foods, preservation techniques, edible centerpieces, and buffet presentations.

FSS 3XXXC **RCHM-FOOD&LODG** **3(1,3)**

Contemporary Cuisine: PR: FSS 2221C or FSS 2284C. The evolution of cuisine from classical to contemporary methods including the exploration of farm to table, nutrition, and alternative diet recipes and menus. *Occasional.*
Abbrev: (20 of 30 chars) Contemporary Cuisine
Rationale: Due to the broad scope of the food industry and the growing career opportunities available, it is important that we expand our curriculum to include more culinary related courses. This elective course will introduce students to contemporary culinary topics, such as the exploration of farm to table, nutrition, and alternative diet recipes and menus.

FSS 3XXXC **RCHM-FOOD&LODG** **3(1,3)**
Baking and Pastry: PR: FSS 2221C or FSS 2284C. Techniques of baking and pastry as used in a commercial kitchen with a focus on ingredient functions, product identification, weights, and measures. *Occasional.*
Abbrev: (17 of 30 chars) Baking and Pastry
Rationale: Due to the broad scope of the food industry and the growing career opportunities available, it is important that we expand our curriculum to include more culinary related courses. This elective course will introduce students to techniques of baking and pastry as used in a commercial kitchen with a focus on ingredient functions, product identification, weights, and measures.

2. Special Topics Additions

3. Course Revisions A-9 U-8

College of Optics and Photonics Course Revisions

OSE 3052 ~~**Introduction to Photonics**~~ **Foundations of Photonics** **3(3,1)**
PR: MAP 2302 with C (2.0) GPA or higher. CR: OSE 3200.
Nature of Light. Wave equations. Superposition of waves. Interference and diffraction. Coherence. LEDs and lasers. Detectors.
Abbrev (24 of 30): ~~**Introduction to Photonics**~~**Foundations of Photonics**
Rationale: With the addition of Geometric Optics as a prerequisite course for Introduction to Photonics, it was agreed that the name needed to be updated to accurately reflect its place in the curriculum and the focus of the course content.
There is 1 program that lists OSE 3052: Photonic Science and Engineering (B.S.P.S.E.)

OSE 3052L ~~**Introduction to Photonics Laboratory**~~ **Fundamentals of Photonics Laboratory** **1(0,3)**
PR: MAP 2302, CR: OSE 3052.

Laboratory experiments introducing geometrical and physical optics. Image formation. Fiber transmission. Laser beams. Interferometers. Optical systems (cameras, scanners, sensors). Polarization devices.

Abbrev (29 of 30): ~~Introduction to Photonics Lab~~ Fundamentals of Photonics Lab

Term Offered: ~~Fall~~ Fall, Spring

Rationale: Changing name to accurately reflect the content of the course within the academic program. Initially this was our first course in the major, but we have since added Geometric Optics prior to this course so it makes sense to change the name from "introduction" to "fundamentals"

Majors taking course: Photonic Science and Engineering

There is 1 program that lists OSE 3052L: Photonic Science and Engineering (B.S.P.S.E.)

OSE 3200 Geometric Optics 3(3,0)

CR: MAP ~~2302 with C (2.0) or higher.~~ 2302.

Fundamentals of geometrical optics. Geometrical theory of image formation. Chromatic and monochromatic aberrations. Optical systems.

Rationale: This is a housekeeping change. Since students could be enrolled concurrently with MAP 2302, it is impossible to enforce a grade requirement. That grade requirement has been moved to OSE 3052.

Majors taking course: Photonic Science and Engineering

There are no programs that list OSE 3200.

OSE 4951 Senior Design I ~~3(3,0)~~ 3(3,1)

PR: OSE 3053 and OSE 4410; CR: OSE 4520 and OSE 4470, Department Consent.

Development of the technical, communication, and team skills for successful design of optical and photonic systems. Preparation of project proposals for Senior Design II.

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

Rationale: Adding a required recitation/meeting section to improve student project processes and provide additional structure.

Majors taking course: Photonic Science and Engineering

There is 1 program that lists OSE 4951: Photonic Science and Engineering (B.S.P.S.E.)

OSE 4952 Senior Design II ~~3(3,0)~~ 3(3,1)

PR: OSE 4951.

Execution of project developed in OSE ~~4911,~~ 4951, including complete project design review, prototyping, construction, testing, cost, functionality, demonstration, presentation, and reporting. Emphasis on team effort.

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

Rationale: Adding a required recitation/meeting section to improve student project processes and provide additional structure.

There is 1 program that lists OSE 4952: Photonic Science and Engineering (B.S.P.S.E.)

College of Sciences Course Revisions

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

PR: (PHY 2049C or PHY 2054C) and (CHM 2045C or CHS ~~1440).~~ 1440) or CI.

~~Provides a broad view of nanoscience~~ Nanoscience and Nanotechnology covers the basic ~~theoretical~~ principles ~~behind it, with special focus on fundamental properties~~ governing nature at the nanoscale and ~~implications to society.~~ summarizes the state of the art of emerging nanotechnology applications.

Abbrev (18 of 30): ~~Nanoscience I Societal Impacts~~ NanoSci & NanoTech

Term Offered: ~~Even Fall~~ Spring

Discussion with others: Changes made in consultation with Nanoscience Center

Rationale: The change in prefix, title and content of this course has been done to accommodate a new course being proposed by the Nanocenter and make the nanoscience minor more Interdisciplinary and open to a larger number of majors.

Majors taking course: Science majors, but open to others

There are no programs that list PHZ 3462.

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

PR: (PHY 2049C or PHY 2054C) and (CHM 2045C or CHS ~~1440).~~ 1440) or CI.

~~The~~ Computational nanoscience covers the basic use of computational ~~aspects~~ analysis for the study of ~~nanoscience. Students will model the nano world using simulation software.~~ nanoscience and related applications in nanotechnology.

Abbrev (18 of 30): ~~Nanoscience III Virtual Lab~~ Computational Nano

Discussion with others: Changes made in consultation with Nanoscience Center

Rationale: The change In prefix and title of this course (content does not change) has been done to accommodate a new course being proposed by the Nanocenter and make the nanoscience minor more interdisciplinary and open to a larger number of majors.

Majors taking course: Mostly science majors, but open to others

There are no programs that list PHZ 3466.

PSY 3074	**Psychology: Career Readiness II**	2(2,0)

PR: PSY 2012 and PSY ~~3XXX Psychology: Career Readiness I.~~ 3023 and Psychology BS major.

Focuses on developing employability and taking steps toward individual career goals, in Psychology.

Discussion with others: NA

Rationale: The Career Readiness II course is tailored specifically for the psychology major. It advances our discussion of career paths in psychology.

Majors taking course: Psychology majors

There are no programs that list PSY 3074.

4. Course Deletions A-9 N-8

College of Sciences Course Deletions

PHZ 3464 **COS-PHYS** **3(3,0)**

Nanoscience II: Technological Applications PR: (PHY 2049C or PHY 2054C), and (CHM 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: To give space to a new nanoscience course proposed by Nanocenter covering the nanoscale aspects of life and physical science, in order to obtain a more interdisciplinary minor. There are no programs that list PHZ 3464.

5. Course Continuations