

Office of the Registrar

Nov. 2017

Memo in lieu of CARF -  
for minor changes to course descriptions and/or prerequisites, or to discontinue courses,  
to be effective for 2018-2019 *University Catalog*

Subject code:

ARBC

**REVIEWED**

**By Annette Suloff at 12:09 pm, Apr 23, 2018**

Number:

2040

Title:

Second Year Arabic II

Current course description and/or prerequisites:

**2040. Second Year Arabic II. 3.** Aims to help students attain a lower intermediate level of communication in Modern Standard Arabic through emphasis on listening, speaking, reading and writing. Students develop a wider vocabulary pool, gain a deeper understanding of Arabic morphological and grammatical rules, and get acquainted with different aspects of Arab culture. *Prerequisite:* ARBC 2030 or LANG 2030.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2040. Second Year Arabic II. 3.** Aims to help students attain a lower intermediate level of communication in Modern Standard Arabic with an emphasis on listening, speaking, reading, and writing. Students develop a wider vocabulary pool, gain a deeper understanding of Arabic morphological and grammatical rules, and get acquainted with different aspects of Arab culture. *Prerequisite:* ARBC 2030 or LANG 2030.

*The description was changed to read better and correct minor punctuation errors and typos.*

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

ARBC

**REVIEWED**

*By Annette Suloff at 12:10 pm, Apr 23, 2018*

Number:

3050

Title:

Modern Arabic and its Dialects

Current course description and/or prerequisites:

**3050. Modern Arabic and its Dialects. 3.**

Expose students to a range of Arabic dialects and to explore what relationship these dialects have with the Standard and among each other. Additionally, this course provides students with opportunities to systematically practice and simulate a variety of dialectal excerpts. Prerequisite: ARBC 2030 or LANG 2030.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**3050. Modern Arabic and its Dialects. 3.**

This course exposes students to a range of Arabic dialects and explores their relationship with the Standard and each other. Additionally, this course provides students with opportunities to systematically practice and simulate a variety of dialectal excerpts. Prerequisite: ARBC 2030 or LANG 2030.

*The description was changed to read better and correct minor punctuation errors and typos.*

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Subject code:

ARBC

Number:

3060

Title:

Arabic Writing

**REVIEWED**

*By Annette Suloff at 12:10 pm, Apr 23, 2018*

Current course description and/or prerequisites:

**3060. Arabic Writing. 3. [WB↔COM2]** Intensive lower intermediate Arabic writing course will help students develop the skills acquired during the second year through analyzing and producing different text genres ranging from 200 to 500 words. It will move the student from writing letters, dialogs, reports, and summaries to longer narratives, descriptions, and opinion pieces. Prerequisites: ARBC 2040 or equivalent.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**3050. Modern Arabic and its Dialects. 3.**

**3060. Arabic Writing. 3. [WB↔COM2]** This intensive, lower intermediate, Arabic writing course helps students develop the skills acquired during the second year through analyzing and producing different text genres ranging from 200 to 500 words. It will move the student from writing letters, dialogs, reports, and summaries to longer narratives, descriptions, and opinion pieces. Prerequisites: ARBC 2040 or equivalent.

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Subject code:

ART

Number:

2350

Title:

Metalsmithing I

**REVIEWED**

**By Annette Suloff at 12:12 pm, Apr 23, 2018**

Current course description and/or prerequisites:

Introduces basic technical approaches to fabricating small scale, non-ferrous metals (silver, copper, brass, nickel) including sawing, soldering, filing, drilling, form raising/pressing, texturing, and finishing processes. Investigation into the rich history of metalsmithing as well as innovative contemporary applications - sculpture and as body ornamentation - is fostered. A variety of individual projects in a studio environment alone with critical discussion and presentation addresses aesthetic, conceptual and technical aspects of metalsmithing. *Prerequisite:* ART 1120.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

Introduces basic technical approaches to fabricating small scale, non-ferrous metals (silver, copper, brass, nickel) including sawing, soldering, filing, drilling, form raising/pressing, texturing, and finishing processes. Investigation into the rich history of metalsmithing as well as innovative contemporary applications will manifest in both sculptural objects and jewelry. Individual studio projects and critical discussion will address aesthetic, conceptual and technical aspects of metalsmithing. *Prerequisite:* ART 1120.

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Subject code:

ART

Number:

2410

**REVIEWED**

***By Annette Suloff at 12:12 pm, Apr 23, 2018***

Title:

Ceramics I

**Current course description and/or prerequisites:**

Introduces ideas about ceramic form through various handbuilding construction techniques. Emphasizes design and conceptual development. Includes glaze application, surface decoration and kiln operation.

**Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):**

Introduces ceramic form through traditional hand processes, simple mold making and slip casting. Includes underglaze decoration, glaze application, image transfer, low and high firing processes. Emphasizes formal and conceptual understanding, the development of a strong foundation in ceramic process and the formation of a personal voice in the medium.

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Subject code:

ART

Number:

2420

Title:

Ceramics II

**REVIEWED**

**By Annette Suloff at 12:12 pm, Apr 23, 2018**

Current course description and/or prerequisites:

Introduces ideas about ceramic form through wheel-throwing techniques. Emphasizes design and conceptual development. Includes glaze testing, glaze application, surface decoration and kiln operation. (Normally offered fall and spring semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

Introduces ceramic form through wheel throwing technique. Includes underglaze decoration, glaze application, image transfer, and high temperature surfaces. Emphasizes formal and conceptual understanding, the development of a strong foundation in ceramic process, and the formation of a personal voice in the medium.

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ART

Number:

2430

**REVIEWED**

***By Annette Suloff at 12:12 pm, Apr 23, 2018***

Title:

Combined Clay Methods

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

DISCONTINUE COURSE: This course has not be taught in the last 6 years and there are no plans to offer it again. It was a course that combined ART 2410, Handbuilding and ART 2420, Wheel Throwing, both of which are a semester long, into one semester and it was evaluated and determined that as a combination it did not adequately address the techniques and were not the same as the semester long courses.

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ART

**REVIEWED**

*By Annette Suloff at 12:12 pm, Apr 23, 2018*

Number:

3002

Title:

Special Topics In

Current course description and/or prerequisites:

**Current career max 3 credit hours**

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

**Requesting change in career max to 9 credit hours based on the following justification:**

*This course is a Special Topics Course in Art History, it is offered with a variety of different Art History topics which fulfill requirements for both the ART major and the ART HISTORY major. Students take this course more than once in their career but under different topics so we would like the career max to be 9 credit hours so it will easily fulfill these requirements.*

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**REVIEWED**

*By Annette Suloff at 12:13 pm, Apr 23, 2018*

Number:

3140

Title:

Print Production

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

DISCONTINUE COURSE: This course was designed to be part of the Graphic Design Concentration sequence of courses, however the principles and methods that this course was designed to cover are incorporated into the other courses that are in the concentration sequence of courses and therefore is not being offered and there are no plans to offer it in the future.

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ART

Number:

3350

Title:

Metalsmithing II

**REVIEWED**

**By Annette Suloff at 12:13 pm, Apr 23, 2018**

Current course description and/or prerequisites:

Introduces intermediate approaches to fabricating small scale, non-ferrous metals including etching, raised forms and silver casting. Historical and innovative contemporary applications - sculptural and body ornamentation-based - is fostered. Individual studio projects along with critical discussion and presentations address aesthetic, conceptual, and technical aspects of metalsmithing. *Prerequisites:* ART 2000 and 2350.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

Introduces intermediate approaches to fabricating small scale, non-ferrous metals through hammer-raised forming, lost-wax casting, enameling and hardware fabrication. Historical and innovative contemporary applications are fostered through sculptural objects and jewelry-based pieces. Individual studio projects, critical discussion and presentations address aesthetic, conceptual, and technical aspects of metalsmithing. *Prerequisites:* ART 2000 and 2350.

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ART

Number:

4120

Title:

Senior Portfolio

**REVIEWED**

*By Annette Suloff at 12:13 pm, Apr 23, 2018*

Current course description and/or prerequisites:

Current prerequisites: ART 2000, ART 2112, ART 2122 and ART 3140

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

New prerequisites: ART 2000, ART 2112, ART 2122

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ART

Number:

4210

Title:

Painting III

**REVIEWED**

***By Annette Suloff at 12:13 pm, Apr 23, 2018***

Current course description and/or prerequisites:

Advanced investigation of various painting techniques are used to create individual works. Studies contemporary and classical treatment of forma. Aesthetic and conceptual creative expression. Students work from a proposed course of study and will be self-directed. Prerequisites: ART 2000 and 3210.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

Students will engage the contemporary and classical treatment of the formal, aesthetic, and conceptual approach to their creative expression. Students work from a proposed course of study and will be self-directed and participate in group presentations and critiques. *Prerequisites:* ART 2000 and 3210.

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ART

Number:

4260

**REVIEWED**

*By Annette Suloff at 12:14 pm, Apr 23, 2018*

Title:

Illustration II

Current course description and/or prerequisites:

Current prerequisites: ART 3260

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

New prerequisites: ART 2000 and ART 3260

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ART

Number:

4265

Title:

Photography III

**REVIEWED**

*By Annette Suloff at 12:14 pm, Apr 23, 2018*

Current course description and/or prerequisites:

Current prerequisites: None

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

New prerequisites: ART 2000

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ART

Number:

4360

Title:

Metalsmithing: Special Topics

**REVIEWED**

***By Annette Suloff at 12:14 pm, Apr 23, 2018***

Current course description and/or prerequisites:

Focus is on specific techniques in the field of Metalsmithing for the semester's duration to allow for an in-depth exploration rotating between topics such as Grandulation, Sliver Clay, Silver Casting, and Cold Connections/Mechanisms. Assigned projects complement students' proposed body of sculptural or body ornamentation-based work. *Prerequisites:* ART 2000 and 2350.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

Focuses on a specific technique in the field of Metalsmithing for an in-depth exploration into topics such as lost-wax casting, chasing and repoussé, enameling, etc. Individual projects and critical discussion will address the special topic aesthetically, technically and conceptually. *Prerequisites:* ART 2000 and 2350.

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ART

Number:

4600

Title:

Professional Practices and Strategies

**REVIEWED**

***By Annette Suloff at 12:14 pm, Apr 23, 2018***

Current course description and/or prerequisites:

Current prerequisites: 6 hours in Art and junior standing.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

New prerequisites: ART 2000, junior or senior standing

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Subject code:

ART

Number:

4620

Title:

Problems in Art

**REVIEWED**

**By Annette Suloff at 12:15 pm, Apr 23, 2018**

Current course description and/or prerequisites:

Current prerequisites: 6 hours in art

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

New prerequisites: ART 2000 and 6 hours in art

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Subject code:

ART

**REVIEWED**

*By Annette Suloff at 12:15 pm, Apr 23, 2018*

Number:

4710

Title:

Art of the Medieval World

Current course description and/or prerequisites:

Current prerequisites: ART 1010 or 2010

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

New prerequisites: ART 2010

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Subject code:

CHEM

Number:

4530

Title:

Physical Laboratory II

**REVIEWED**

*By Annette Suloff at 12:15 pm, Apr 23, 2018*

Current course description and/or prerequisites:

**4530. Physical Laboratory II. 1.** Illustrates principles of physical chemistry, techniques of measurement, and analysis and interpretation of data with emphasis on thermodynamic methodologies. Laboratory: 3 hours per week. Prerequisites: CHEM 4525 and CHEM 4508, or concurrent enrollment. (Normally offered spring semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4530. Physical Chemistry Lab II. 1.** Illustrates principles of physical chemistry, techniques of measurement, and analysis and interpretation of data with emphasis on thermodynamics and kinetics. Laboratory: 3 hours per week. Prerequisites: CHEM 4508 or concurrent enrollment. (Normally offered spring semester)

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Subject code:

CHEM

Number:

4560

Title:

Molecular Modeling – Computational Chemistry

**REVIEWED**

*By Annette Suloff at 12:15 pm, Apr 23, 2018*

Current course description and/or prerequisites:

**4560. Molecular Modeling - Computational Chemistry. 3.** Emphasizes training in computational, electronic and vibrational structure, calculations ranging from molecular mechanics to semi-empirical to ab-initio methods. Dual listed with CHEM 5560. Laboratory: 3 hours per week. Prerequisite: CHEM 4507. (Normally offered alternating spring semesters)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4560. Molecular Modeling - Computational Chemistry. 3.** Emphasizes practical training in computational modeling of molecular properties using modern computer software. Includes ab initio quantum mechanical, density functional, semi-empirical and molecular mechanics methods. Dual listed with CHEM 5560. Laboratory: 3 hours per week. Prerequisite: CHEM 4507. (Normally offered alternating spring semesters)

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Subject code:

CHEM

Number:

5350

**REVIEWED**

*By Annette Suloff at 12:15 pm, Apr 23, 2018*

Title:

Advanced Organic Chemistry II

Current course description and/or prerequisites:

**5350. Advanced Organic Chemistry II.** Second semester of a two semester sequence with a focus on the detailed mechanism of the major classes of reactions of importance in organic chemistry. *Prerequisite:* CHEM 5330

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course is being discontinued because we no longer will have the number of faculty necessary to teach the course. We also believe that incorporation of much of the information provided to students in this course into other graduate courses and into group interactions with students will be possible.

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Subject code:

CHEM

Number:

5560

Title:

Molecular Modeling – Computational Chemistry

**REVIEWED**

**By Annette Suloff at 12:15 pm, Apr 23, 2018**

Current course description and/or prerequisites:

**5560. Molecular Modeling - Computational Chemistry. 3.** Emphasizes training in computational, electronic and vibrational structure, calculations ranging from molecular mechanics to semi-empirical to ab-initio methods. Dual listed with CHEM 4560. Laboratory: 3 hours per week. Prerequisite: CHEM 4507. (Normally offered alternating spring semesters)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**5560. Molecular Modeling - Computational Chemistry. 3.** Emphasizes practical training in computational modeling of molecular properties using modern computer software. Includes ab initio quantum mechanical, density functional, semi-empirical and molecular mechanics methods. Dual listed with CHEM 4560. Laboratory: 3 hours per week. Prerequisite: CHEM 4507. (Normally offered alternating spring semesters)

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COJO

**REVIEWED**

*By Annette Suloff at 12:15 pm, Apr 23, 2018*

Number:

1001

Title:

Issues in the Mass Media

Current course description and/or prerequisites:

An examination of  
important, relevant, and timely issues as they  
relate to the mass media.

Prerequisite:

concurrent  
enrollment in COJO 1000.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**When the USP changed, this course was no longer needed. Please discontinue.**

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COJO

**REVIEWED**

*By Annette Suloff at 12:16 pm, Apr 23, 2018*

Number:

1020

Title: Communication and Civic Engagement

Current course description and/or prerequisites:

Designed to complement a course from another discipline by engaging students in civic discourse within that context. Students identify issues, study related rhetorical strategies, determine target audiences and develop communication with a venue and target audience to be determined by the class.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**This class hasn't been taught within our department for years. I don't know why it is a class. I think it might have been taught by some other department, but I have not seen it for many years. Please discontinue.**

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Subject code:

COJO

Number:

1041

**REVIEWED**

***By Annette Suloff at 12:16 pm, Apr 23, 2018***

Title: Issues in Human Communication

Current course description and/or prerequisites:

An examination of important, relevant, and timely issues  
as they relate to the theoretical base of human  
communication.

Prerequisite: concurrent enrollment in COJO 1040.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**When the USP changed, this course was no longer needed. Please discontinue.**

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Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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Subject code:

COJO

**REVIEWED**

*By Annette Suloff at 12:16 pm, Apr 23, 2018*

Number:

3190

Title:

Cross Cultural Communication

Current course description and/or prerequisites:

**Current Prerequisite:** COJO 1040

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

**NEW Prerequisite:** COJO 1040 and junior standing

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Subject code:

COJO

Number:

3300

**REVIEWED**

***By Annette Suloff at 12:16 pm, Apr 23, 2018***

Title: Advertising in the Media

Studies fundamentals of copywriting in mass communication. Provides study and practice in the psychology of advertising, audience direction, advertising appeals, strategy, and structure of ads and commercials. Includes exercises in basic principles of copywriting for print and electronic media.

Prerequisite:

COJO 2100. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Studies fundamentals of copywriting in mediated communication. Provides information about the psychology of advertising, advertising appeals, strategy, and structure of ads and other marketing materials. Includes exercises in basic principles of copywriting for print, electronic and digital media.

Prerequisite: COJO 2100.

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Subject code:

COJO

Number:

3310

**REVIEWED**

*By Annette Suloff at 12:16 pm, Apr 23, 2018*

Title: Public Relations

Studies mass media effects on audiences and audiences' involvement in and interpretation of mass media content. Discusses public opinion and mass media concepts as conceptual framework for public relations, advertising and other public information fields.

Prerequisite: COJO 2100 and junior standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Studies how organizations can improve their relationships with their publics. Explores public opinion and how to research audiences. Explains different skills needed in the field, including its relationship to advertising and marketing.

Prerequisite: COJO 2100.

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Subject code:

COJO

Number:

4110

Title:

Feature Writing Seminar

**REVIEWED**

***By Annette Suloff at 12:16 pm, Apr 23, 2018***

**Current course description and/or prerequisites:**

**Current Course Description:**

Extensive practice in such specialized forms of writing as editorials, commentaries, reviews and magazine articles. Content varies. Critically analyzes such writing.

Current Prerequisites: COJO 2100 (Reporting & Newswriting) and 6 hours in COJO or consent of instructor

**Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)**

**New Course Description:**

This course critically examines how to produce content for a magazine and how to write feature stories. Among the topics covered are how to develop a good idea, analyze a target audience, gather information using interviews and research, write a feature article, edit your writing, and market a feature story.

New Course Prerequisites: COJO 2100 (Media Writing)

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Subject code:

COJO

Number:

4160

Title:

African American Rhetoric

**REVIEWED**

*By Annette Suloff at 12:16 pm, Apr 23, 2018*

Current course description and/or prerequisites:

**Current Prerequisite:** AAST 1000, any AAST 2000-level course, junior or senior standing, or nine credit hours in any level COJO course (Offered fall semester of odd-numbered years)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

**Cross-listed Class:** AAST 4160, AAST 5160 and COJO 5160

**NEW Prerequisite:** Minimum of nine credit hours in AAST or COJO and junior standing

*Departments should send one form per class to the college course committee.*

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Subject code:

COJO

Number:

4233

Title:

Race, Gender, Ethnicity & the Media

**REVIEWED**

*By Annette Suloff at 12:17 pm, Apr 23, 2018*

Current course description and/or prerequisites:

**Current Prerequisite:** *Prerequisite:* AAST 1000, any AAST 2000-level course, or three hours of any level of WMST courses, or three hours of any level of COJO courses, WB, and junior/senior standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes):

**Cross-listed Class:** AAST 4233, AAST 5233, COJO 5233, WMST 4233, WMST 5233

**NEW Prerequisite:** Minimum of three credit hours in AAST, COJO, or WMST, WB, and junior standing

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Subject code:

CW

**REVIEWED**

*By Annette Suloff at 12:19 pm, Apr 23, 2018*

Number:

5540

Title:

Seminar in Creative Writing. 1-4 (max 12)

Current course description and/or prerequisites:

**5540. Seminar in Creative Writing. 1-4.** Meets the theory requirement for graduate English majors concentrating in Creative Writing. Students review important texts about writing, review literary magazines, publishing procedures, and produce an independent writing project. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Seminar in Creative Writing. 1-4 (max 24). Includes form and theory classes, publication workshops, and readings courses. Depending on the particulars, students review important texts about writing, review literary magazines and publishing houses, discuss publishing procedures with faculty and guests, participate in close readings of original texts, and produce an independent writing project. *Prerequisite:* graduate standing.

*Departments should send one form per class to the college course committee.*

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Subject code:

GEOL

**REVIEWED**

*By Annette Suloff at 12:19 pm, Apr 23, 2018*

Number:

2020

Title:

Introduction to Petrology

Current course description and/or prerequisites:

*Prerequisite:* GEOL 2010.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Prerequisite:* A grade of 'C' or better in GEOL 2010.

The rationale for this change is that too many students attempt to take GEOL2020 after receiving a 'D' in GEOL2010. Also request that the banner system enforce the prerequisite.

*Departments should send one form per class to the college course committee.*

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Subject code:

GEOL

Number:

2080

**REVIEWED**

*By Annette Suloff at 12:19 pm, Apr 23, 2018*

Title:

General Field Geology

Current course description and/or prerequisites:

**2080. General Field Geology. 3. [SE<>{none}]** Covers basic concepts of geology and field techniques emphasizing interpretation of geologic features in the field. Weekly field trip required. *Prerequisites:* GEOL 1100, 1200, 1005 or 1500. (Normally offered the first half of the fall semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2080. General Field Geology. 3. [SE<>{none}]** Covers basic concepts of geology and field techniques emphasizing interpretation of geologic features in the field and constructing geologic products (e.g. measured sections and geologic maps). Students are expected to be able to identify the common rock forming minerals and common rocks in hand-sample. Weekly field trip required. *Prerequisites:* GEOL 1100 AND at least one other GEOL course. (Normally offered the first half of the fall semester)

*Departments should send one form per class to the college course committee.*

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Subject code:

GEOL/BOT

Number:

4280/5280

**REVIEWED**

*By Annette Suloff at 12:19 pm, Apr 23, 2018*

Title:

Paleobotany

Current course description and/or prerequisites:

Prerequisites: grade of C or above in LIFE 1010 or GEOL 1100

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Proposed new prerequisites: Grade of C or above in LIFE 1010 or GEOL 1100 or graduate standing.

Rationale: Graduate students who have enrolled in this course have undergraduate degrees from other institutions in geology or biology, but have not taken LIFE 1010 or GEOL 1100 and so are not allowed to register for the course without completing a force override. Allowing students with graduate standing to enroll will allow graduate students to enroll online without having to ask the instructor and administrative assistants to do the force override.

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Subject code:

GEOL

**REVIEWED**

*By Annette Suloff at 10:42 am, May 21, 2018*

Number:

4835

Title:

Applied/Exploration Geophysics

Current course description and/or prerequisites:

**4835 [4970]. Applied/Exploration Geophysics. 3.** Discusses the fundamentals of Applied or Exploration Geophysics, encompassing lecture, laboratory classes and discussion of case histories. It covers the Seismic Refraction, Seismic Reflection, Gravity, and Magnetism methods. Provides a solid grounding about the exploration of the Earth's subsurface for mineral and hydrocarbon resources, and environmental issues. Dual listed with GEOL 5835. Prerequisites: GEOL 1100, one year of physics and MATH 2210. (Normally offered spring semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4835 [4970]. Applied/Exploration Geophysics. 3.** Discusses the fundamentals of Applied or Exploration Geophysics, encompassing lecture, laboratory classes and discussion of case histories. It covers the Seismic Refraction, Seismic Reflection, Gravity, and Magnetism methods. Provides a solid grounding about the exploration of the Earth's subsurface for mineral and hydrocarbon resources, and environmental issues. Dual listed with GEOL 5835. Prerequisites: 1000-level GEOL course with lab, PHYS 1110 or 1210 and MATH 2200. (Normally offered spring semester)

**NOTE- JUST A CHANGE TO THE PREREQUISITES**

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Subject code:

HIST

**REVIEWED**

***By Annette Suloff at 12:20 pm, Apr 23, 2018***

Number:

5880

Title:

History Theory

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

5810

**REVIEWED**

***By Annette Suloff at 12:20 pm, Apr 23, 2018***

Title:

Seminar on Latin American History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

5800

**REVIEWED**

*By Annette Suloff at 12:20 pm, Apr 23, 2018*

Title:

Conference on Latin American History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

5695

**REVIEWED**

*By Annette Suloff at 12:20 pm, Apr 23, 2018*

Title:

Conference on English History

Current prerequisites:

14 semester hours in history and consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

5690

**REVIEWED**

*By Annette Suloff at 12:21 pm, Apr 23, 2018*

Title:

Seminar on European History

Current prerequisites:

consent of instructor

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

5685

**REVIEWED**

***By Annette Suloff at 12:21 pm, Apr 23, 2018***

Title:

Conference on European 19th and 20th Century History

Current prerequisites:

consent of instructor

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

5680

Title:

Seminar on Recent U.S. History

**REVIEWED**

*By Annette Suloff at 12:21 pm, Apr 23, 2018*

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:21 pm, Apr 23, 2018*

Number:

5675

Title:

Seminar on Middle-Period U.S. History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

HIST

Number:

5670

**REVIEWED**

*By Annette Suloff at 12:21 pm, Apr 23, 2018*

Title:

Seminar on Early American History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:21 pm, Apr 23, 2018*

Number:

5660

Title:

Conference on Early Modern Europe

Current prerequisites:

14 semester hours in history and consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

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Nov. 2017

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Subject code:

HIST

Number:

5655

**REVIEWED**

*By Annette Suloff at 12:21 pm, Apr 23, 2018*

Title:

Seminar on Medieval European History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

HIST

Number:

5650

**REVIEWED**

*By Annette Suloff at 12:22 pm, Apr 23, 2018*

Title:

Conference on Medieval European History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

HIST

Number:

5645

**REVIEWED**

*By Annette Suloff at 12:22 pm, Apr 23, 2018*

Title:

Seminar on American Indian History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:22 pm, Apr 23, 2018*

Number:

5640

Title:

Conference on American Indian History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

5630

**REVIEWED**

*By Annette Suloff at 12:22 pm, Apr 23, 2018*

Title:

Seminar on Western American History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

5620

**REVIEWED**

*By Annette Suloff at 12:22 pm, Apr 23, 2018*

Title:

Conference on Middle-Period and United States History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

5615

**REVIEWED**

***By Annette Suloff at 12:22 pm, Apr 23, 2018***

Title:

Conference on Early American History

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

5612

Title:

Archives III

**REVIEWED**

***By Annette Suloff at 12:23 pm, Apr 23, 2018***

Current prerequisites:

HIST 4040/5040, HIST 4042/5042 and 18 hours of history.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

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Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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Subject code:

HIST

Number:

5605

Title:

Conference on Wyoming and the West

**REVIEWED**

*By Annette Suloff at 12:23 pm, Apr 23, 2018*

Current prerequisites:

consent of instructor.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:23 pm, Apr 23, 2018*

Number:

5600

Title:

Graduate Readings

Current prerequisites:

15 semester hours of history.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

HIST

Number:

5500

**REVIEWED**

*By Annette Suloff at 12:23 pm, Apr 23, 2018*

Title:

Readings in Women's Studies

Current prerequisites:

graduate status, 12 hours of 4000-level work.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

WMST 5500

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:24 pm, Apr 23, 2018*

Number:

5381

Title:

Seminar in Recent United States History

Current prerequisites:

(none)

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:24 pm, Apr 23, 2018*

Number:

5070

Title:

History of Books

Current prerequisites:

6 hours of history and junior standing.

Proposed new prerequisites:

graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:24 pm, Apr 23, 2018*

Number:

4990

Title:

Topics in \_\_\_\_\_

Current prerequisites:

6 hours of history or consent of instructor

Proposed new prerequisites:

9 hours of HIST

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:24 pm, Apr 23, 2018*

Number:

4965

Title:

Senior Thesis

Current prerequisites:

History major, junior or senior standing, 24 credits of History courses, faculty nomination, and a minimum 3.7 History GPA.

Proposed new prerequisites:

12 hours of HIST; senior class standing; History major

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

***By Annette Suloff at 12:24 pm, Apr 23, 2018***

Number:

4690

Title:

Research Topics in History

Current prerequisites:

18 credit hours of History coursework and consent of instructor

Proposed new prerequisites:

9 hours of HIST

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4620

**REVIEWED**

*By Annette Suloff at 12:24 pm, Apr 23, 2018*

Title:

Seminar Topics in the History of Wyoming II

Current prerequisites:

HIST 1250/1251 or consent of instructor

Proposed new prerequisites:

9 hours of HIST, including HIST 1251

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4610

**REVIEWED**

*By Annette Suloff at 12:25 pm, Apr 23, 2018*

Title:

Seminar Topics in the History of Wyoming I

Current prerequisites:

HIST 1250/1251 or consent of instructor

Proposed new prerequisites:

9 hours of HIST, including HIST 1251

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

***By Annette Suloff at 12:25 pm, Apr 23, 2018***

Number:

4585/5585

Title:

Conference on U.S. History

Current prerequisites:

6 hours of American history

Proposed new prerequisites:

**4585:** 9 hours of HIST

**5585:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:25 pm, Apr 23, 2018*

Number:

4582/5582

Title:

20th Century U.S. Foreign Relations

Current prerequisites:

HIST 1221

Proposed new prerequisites:

**4582:** 9 hours of HIST or INST

**5582:** graduate standing

Cross-listed courses:

INST 4582/5582

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:25 pm, Apr 23, 2018*

Number:

4560/5560

Title:

American Social History in the 20th Century

Current prerequisites:

HIST 1210/1211 and 1220/1221 or consent of instructor

Proposed new prerequisites:

**4560:** 9 hours of HIST

**5560:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:26 pm, Apr 23, 2018*

Number:

4545/5545

Title:

The Multicultural West

Current prerequisites:

Any history or social science course

Proposed new prerequisites:

**4545:** 9 hours of HIST

**5545:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:26 pm, Apr 23, 2018*

Number:

4540/5540

Title:

20th Century American West

Current prerequisites:

HIST 1210/1211 and 1220/1221 or consent of instructor

Proposed new prerequisites:

**4540:** 9 hours of HIST

**5540:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:26 pm, Apr 23, 2018*

Number:

4535/5535

Title:

History of Oil

Current prerequisites:

6 hours in history

Proposed new prerequisites:

**4535:** 9 hours of HIST

**5535:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4530/5530

Title:

19th Century American West

Current prerequisites:

**REVIEWED**

***By Annette Suloff at 2:04 pm, Apr 04, 2018***

HIST 1210/1211 and 1220/1221 or consent of instructor

Proposed new prerequisites:

**4530:** 9 hours of HIST

**5530:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 2:04 pm, Apr 04, 2018*

Number:

4525/5525

Title:

American Southwest

Current prerequisites:

HIST 1210/1211, 1220/1221 or consent of instructor

Proposed new prerequisites:

**4525:** 9 hours of HIST, AIST or LTST

**5525:** graduate standing

Cross-listed courses:

LTST/AIST 4525

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Subject code:

HIST

Number:

4515/5515

**REVIEWED**

*By Annette Suloff at 2:00 pm, Apr 04, 2018*

Title:

American Legal History

Current prerequisites:

HIST 1210/1211, 1220/1221 and/or consent of instructor

Proposed new prerequisites:

**4515:** 9 hours of HIST

**5515:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 1:59 pm, Apr 04, 2018*

Number:

4510/5510

Title:

Modern East Asia

Current prerequisites:

6 hours of history or consent of instructor

Proposed new prerequisites:

**4510:** 9 hours of HIST

**5510:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 2:10 pm, Apr 04, 2018*

Number:

4505/5505

Title:

The Old South, 1820-1861

Current prerequisites:

HIST 1210/1211 or consent of instructor

Proposed new prerequisites:

**4505:** 9 hours of HIST

**5505:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4496/5496

**REVIEWED**

**By Annette Suloff at 9:48 am, Apr 05, 2018**

Title:

History of Mexico

Current prerequisites:

HIST 2380 or consent of instructor

Proposed new prerequisites:

**4496:** 9 hours of HIST or INST

**5496:** graduate standing

Cross-listed courses:

LTST 4496

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 9:54 am, Apr 05, 2018*

Number:

4495/5495

Title:

Borderlands in Latin America

Current prerequisites:

(none)

Proposed new prerequisites:

**4495:** 9 hours of HIST or INST

**5495:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4494/5494

Title:

The U.S. in Latin America

Current prerequisites:

**REVIEWED**

***By Annette Suloff at 10:06 am, Apr 05, 2018***

HIST 1211, HIST 1221, HIST 1251, or HIST 2380

Proposed new prerequisites:

**4494:** 9 hours of HIST or INST

**5494:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4492/5492

Title:

Revolutions in Latin America

Current prerequisites:

**REVIEWED**

*By Annette Suloff at 10:13 am, Apr 05, 2018*

3 hours of relevant course work in HIST (e.g., 2290, 2380, 4495, 4496).

Proposed new prerequisites:

**4492:** 9 hours of HIST or INST

**5492:** graduate standing

Cross-listed courses:

LTST 4492

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Subject code:

HIST

Number:

4490/5490

Title:

Modern America, 1960-Present

Current prerequisites:

**REVIEWED**

*By Annette Suloff at 10:31 am, Apr 05, 2018*

HIST 1210/1211 and 1220/1221 or consent of instructor

Proposed new prerequisites:

**4490:** 9 hours of HIST

**5490:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 9:51 am, Apr 09, 2018*

Number:

4480/5480

Title:

Growth of Modern America, 1929-1960

Current prerequisites:

HIST 1210/1211 and 1220//1221 or consent of instructor

Proposed new prerequisites:

**4480:** 9 hours of HIST

**5480:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

***By Annette Suloff at 9:58 am, Apr 09, 2018***

Number:

4475/5475

Title:

American Environmental History

Current prerequisites:

6 hours of history or consent of instructor

Proposed new prerequisites:

**4475:** 9 hours of HIST

**5475:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:05 am, Apr 09, 2018*

Number:

4470/5470

Title:

The Birth of Modern America, 1890-1929

Current prerequisites:

HIST 1210/1211 and 1220/1221 or consent of instructor

Proposed new prerequisites:

**4470:** 9 hours of HIST

**5470:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:16 am, Apr 09, 2018*

Number:

4468/5468

Title:

American Indians in the North American West

Current prerequisites:

HIST 2290/AIST 2290

Proposed new prerequisites:

**4468:** 9 hours of HIST or AIST

**5468:** graduate standing

Cross-listed courses:

AIST 4468/5468

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:22 am, Apr 09, 2018*

Number:

4466/5466

Title:

American Indian Ethnohistory

Current prerequisites:

ANTH 2210/AIST 2210 or HIST 2290/AIST 2290

Proposed new prerequisites:

**4466:** 9 hours of HIST, AIST or ANTH

**5466:** graduate standing

Cross-listed courses:

AIST 4466/5466

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:27 pm, Apr 23, 2018*

Number:

4465/5465

Title:

Topics in American Indian History

Current prerequisites:

HIST 2290 and consent of instructor

Proposed new prerequisites:

**4465:** 9 hours of HIST or AIST

**5465:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:01 am, Apr 11, 2018*

Number:

4464/5464

Title:

American Indians in the Twentieth Century

Current prerequisites:

HIST/AIST 2290

Proposed new prerequisites:

**4464:** 9 hours of HIST or AIST

**5464:** graduate standing

Cross-listed courses:

AIST 4464/5464

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to be effective for 2018-2019 *University Catalog*

Subject code:

HIST

**REVIEWED**

**By Annette Suloff at 10:23 am, Apr 11, 2018**

Number:

4463/5463

Title:

American Indian History 1783-1890

Current prerequisites:

COM1

Proposed new prerequisites:

**4463:** 9 hours of HIST or AIST

**5463:** graduate standing

Cross-listed courses:

AIST 4463/5463

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

**By Annette Suloff at 10:30 am, Apr 11, 2018**

Number:

4462/5462

Title:

American Indian History to 1783

Current prerequisites:

COM1

Proposed new prerequisites:

**4462:** 9 hours of HIST or AIST

**5462:** graduate standing

Cross-listed courses:

AIST 4462/5462

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Subject code:

HIST

**REVIEWED**

***By Annette Suloff at 10:50 am, Apr 11, 2018***

Number:

4460/5460

Title:

Post-Civil War America: The Gilded Age

Current prerequisites:

HIST 1210 and 1220/1221 or consent of instructor

Proposed new prerequisites:

**4460:** 9 hours of HIST

**5460:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 9:53 am, Apr 11, 2018*

Number:

4450/5450

Title:

The Civil War and Reconstruction

Current prerequisites:

HIST 1210/1211 and 1220/1221 or consent of instructor

Proposed new prerequisites:

**4450:** 9 hours of HIST

**5450:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 1:09 pm, Apr 13, 2018*

Number:

4440/5440

Title:

The Sectional Conflict

Current prerequisites:

HIST 1210/1211 or consent of instructor

Proposed new prerequisites:

**4440:** 9 hours of HIST

**5440:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

Number:

4425/5425

**By Annette Suloff at 1:30 pm, Apr 13, 2018**

Title:

Britain's Global Empires: 1558 to the Present

Current prerequisites:

A COM1 course with grade of C or above

Proposed new prerequisites:

**4425:** 9 hours of HIST

**5425:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 1:44 pm, Apr 13, 2018*

Number:

4415/5415

Title:

Entangled Worlds, Entangled Lives: Indigenous People and

Current prerequisites:

WA with grade of C or above

Proposed new prerequisites:

**4415:** 9 hours of HIST

**5415:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4412/5412

Title:

Global Environment History

Current prerequisites:

WA or COM1 course with grade of C or better

**REVIEWED**

***By Annette Suloff at 1:54 pm, Apr 13, 2018***

Proposed new prerequisites:

**4412:** 9 hours of HIST or ENR

**5412:** graduate standing

Cross-listed courses:

ENR 4412

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:10 am, Apr 16, 2018*

Number:

4410/5410

Title:

America in an Early Modern World

Current prerequisites:

An American or World History course

Proposed new prerequisites:

**4410:** 9 hours of HIST

**5410:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:15 am, Apr 16, 2018*

Number:

4406/5406

Title:

American Encounters from 1850

Current prerequisites:

HIST 1210/1211

Proposed new prerequisites:

**4406:** 9 hours of HIST

**5406:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:20 am, Apr 16, 2018*

Number:

4405/5405

Title:

American Encounters to 1850

Current prerequisites:

HIST 1210/1211 or consent of instructor

Proposed new prerequisites:

**4405:** 9 hours of HIST

**5405:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4400

Title:

Internship

**REVIEWED**

***By Annette Suloff at 10:36 am, Apr 16, 2018***

Current prerequisites:

12 hours of history; completion of HIST 1210/1211 and 1220/1221, 1250/1251 and 4050 or advanced standing as a history major; consent of instructor

Proposed new prerequisites:

9 hours of HIST

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:09 am, Apr 16, 2018*

Number:

4340/5340

Title:

The Social History of American Women

Current prerequisites:

ENGL 1080, WMST 1080, SOC 1080, HIST 1210/1211, 1220/1221 or consent of instructor

Proposed new prerequisites:

**4340:** 9 hours of HIST or WMST

**5340:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:23 am, Apr 20, 2018*

Number:

4335/5335

Title:

Women and Islam

Current prerequisites:

6 hours in women's studies, international studies, religious studies or history

Proposed new prerequisites:

**4335:** 9 hours of HIST, WMST, INST or RELI

**5335:** graduate standing

Cross-listed courses:

RELI 4335; WMST 4335/5335

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Subject code:

HIST

**REVIEWED**

***By Annette Suloff at 10:43 am, Apr 20, 2018***

Number:

4330/5330

Title:

European Gender and Women's History

Current prerequisites:

HIST 1110

Proposed new prerequisites:

**4330:** 9 hours of HIST

**5330:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:01 am, Apr 20, 2018*

Number:

4320/5320

Title:

Memory and National Identity in Twentieth Century Europe

Current prerequisites:

HIST 1110

Proposed new prerequisites:

**4320:** 9 hours of HIST

**5320:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:13 am, Apr 20, 2018*

Number:

4315/5315

Title:

History, Politics and Memory of the Holocaust in Europe

Current prerequisites:

HIST 1120 or 2010 or INST 2350

Proposed new prerequisites:

**4315:** 9 hours of HIST or INST

**5315:** graduate standing

Cross-listed courses:

INST 4315/5315

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:45 am, Apr 20, 2018*

Number:

4310/5310

Title:

World War II in Europe

Current prerequisites:

HIST 1110 and 1120

Proposed new prerequisites:

**4310:** 9 hours of HIST

**5310:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 9:49 am, Apr 23, 2018*

Number:

4305/5305

Title:

Global History

Current prerequisites:

Six credits of coursework in History, Global and Area Studies, or Political Science

Proposed new prerequisites:

**4305:** 9 hours of HIST, INST or POLS

**5305:** graduate standing

Cross-listed courses:

(none)

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**REVIEWED**

*By Annette Suloff at 9:54 am, Apr 23, 2018*

Subject code:

HIST

Number:

4290/5290

Title:

History of the Soviet Union

Current prerequisites:

HIST 1110 or 1120

Proposed new prerequisites:

**4290:** 9 hours of HIST

**5290:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:06 am, Apr 23, 2018*

Number:

4280/5280

Title:

France Since 1814

Current prerequisites:

HIST 1120

Proposed new prerequisites:

**4280:** 9 hours of HIST

**5280:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:14 am, Apr 23, 2018*

Number:

4270/5270

Title:

France: Old Regime and Revolution

Current prerequisites:

HIST 1110

Proposed new prerequisites:

**4270:** 9 hours of HIST

**5270:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:19 am, Apr 23, 2018*

Number:

4195/5195

Title:

European Economic History

Current prerequisites:

HIST 1120

Proposed new prerequisites:

**4195:** 9 hours of HIST

**5195:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:29 am, Apr 23, 2018*

Number:

4180/5180

Title:

Europe in the 20th Century

Current prerequisites:

HIST 1120 or 1330 or consent of instructor

Proposed new prerequisites:

**4180:** 9 hours of HIST

**5180:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:34 am, Apr 23, 2018*

Number:

4170/5170

Title:

Europe in the Nineteenth Century

Current prerequisites:

HIST 1120

Proposed new prerequisites:

**4170:** 9 hours of HIST

**5170:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4150

**REVIEWED**

*By Annette Suloff at 10:37 am, Apr 23, 2018*

Title:

Europe During the Age of the Enlightenment

Current prerequisites:

HIST 1110

Proposed new prerequisites:

9 hours of HIST

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:39 am, Apr 23, 2018*

Number:

4140

Title:

Europe During the Age of the Baroque

Current prerequisites:

HIST 1110

Proposed new prerequisites:

9 hours of HIST

Cross-listed courses:

(none)

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Subject code:

HIST

Number:

4130

Title:

Europe During the Reformation

**REVIEWED**

***By Annette Suloff at 10:43 am, Apr 23, 2018***

Current prerequisites:

HIST 1110

Proposed new prerequisites:

9 hours of HIST

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

***By Annette Suloff at 10:49 am, Apr 23, 2018***

Number:

4120

Title:

Europe During the Renaissance

Current prerequisites:

HIST 1110

Proposed new prerequisites:

9 hours of HIST

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:02 am, Apr 23, 2018*

Number:

4113/5113

Title:

Medieval Religious Dissent

Current prerequisites:

HIST 1110, 4100, 4110 or 2225

Proposed new prerequisites:

**4113:** 9 hours of HIST or RELI

**5113:** graduate standing

Cross-listed courses:

RELI 4113

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:11 am, Apr 23, 2018*

Number:

4112/5112

Title:

History of the Medieval City

Current prerequisites:

HIST 1110, 4100 or 4110

Proposed new prerequisites:

**4112:** 9 hours of HIST

**5112:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:18 am, Apr 23, 2018*

Number:

4110/5110

Title:

The High Middle Ages

Current prerequisites:

HIST 1110 or 4100

Proposed new prerequisites:

**4110:** 9 hours of HIST

**5110:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:32 am, Apr 23, 2018*

Number:

4100/5100

Title:

Early Medieval Europe

Current prerequisites:

HIST 1110

Proposed new prerequisites:

**4100:** 9 hours of HIST

**5100:** graduate standing

Cross-listed courses:

(none)

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:43 am, Apr 23, 2018*

Number:

4077/5077

Title:

Book History: Topics

Current prerequisites:

junior standing, 6 hours of history (preferably with at least one of the other Book History courses)

Proposed new prerequisites:

**4077:** 9 hours of HIST

**5077:** graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
for minor changes to course descriptions and/or prerequisites, or to discontinue courses,  
to be effective for 2018-2019 *University Catalog*

Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:51 am, Apr 23, 2018*

Number:

4076/5076

Title:

Book History: Printed

Current prerequisites:

junior standing and 6 hours of history

Proposed new prerequisites:

**4076:** 9 hours of HIST

**5076:** graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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to be effective for 2018-2019 *University Catalog*

Subject code:

HIST

Number:

4075/5075

**REVIEWED**

**By Annette Suloff at 11:56 am, Apr 23, 2018**

Title:

Book History: Manuscripts

Current prerequisites:

junior standing and 6 hours of history

Proposed new prerequisites:

**4075:** 9 hours of HIST

**5075:** graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:01 pm, Apr 23, 2018*

Number:

4055/5055

Title:

Archival Research Methods

Current prerequisites:

HIST 2050

Proposed new prerequisites:

**4055:** 9 hours of HIST, including HIST 2050 or HIST 2700

**5055:** graduate standing

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:19 pm, Apr 09, 2018*

Number:

4050

Title:

Advanced Public History

Current prerequisites:

HIST 2050, 6 hours of history courses, consent of instructor

Proposed new prerequisites:

9 hours of HIST, including HIST 2050 or HIST 2700

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

Number:

4030

Title:

Senior Capstone Seminar

**REVIEWED**

*By Annette Suloff at 12:06 pm, Apr 09, 2018*

Current prerequisites:

advanced standing as a History major and HIST 3020; or advanced standing as History/SSSE concurrent major and either HIST 3020 or HIST 4055

Proposed new prerequisites:

Advanced standing as a History major and HIST 3020

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 12:07 pm, Apr 23, 2018*

Number:

4000/5000

Title:

Indians of Wyoming

Current prerequisites:

6 hours of HIST or AIST

Proposed new prerequisites:

**4000:** 9 hours of HIST or AIST

**5000:** graduate standing

Cross-listed courses:

AIST 4000

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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to be effective for 2018-2019 *University Catalog*

Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:55 am, Apr 09, 2018*

Number:

3880

Title:

Comparative History

Current prerequisites:

completion of WA requirement.

Proposed new prerequisites:

6 hours of HIST

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:52 am, Apr 09, 2018*

Number:

3400

Title:

Mongol Empire

Current prerequisites:

6 hours of History.

Proposed new prerequisites:

6 hours of HIST

Cross-listed courses:

(none)

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

***By Annette Suloff at 11:48 am, Apr 09, 2018***

Number:

3220

Title:

History of the Modern Middle East

Current prerequisites:

6 hours of history, religious studies or international studies.

Proposed new prerequisites:

6 hours of HIST, RELI or INST

Cross-listed courses:

RELI 3220

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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to be effective for 2018-2019 *University Catalog*

Subject code:

HIST

Number:

3210

Title:

The Islamic World in the Premodern Era

**REVIEWED**

***By Annette Suloff at 11:38 am, Apr 09, 2018***

Current prerequisites:

6 hours of history or international studies.

Proposed new prerequisites:

6 hours of HIST or INST

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:33 am, Apr 09, 2018*

Number:

3110

Title:

Modern Germany

Current prerequisites:

HIST 1120.

Proposed new prerequisites:

6 hours of HIST or INST

Cross-listed courses:

(none)

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:29 am, Apr 09, 2018*

Number:

3020

Title:

Historical Methods

Current prerequisites:

junior standing, 12 hours of history, and WA

Proposed new prerequisites:

Junior class standing, 12 hours of HIST and COM 1

Cross-listed courses:

(none)

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

Number:

3000

**REVIEWED**

*By Annette Suloff at 11:25 am, Apr 09, 2018*

Title:

Plains Culture and History

Current prerequisites:

3 hours of AIST courses.

Proposed new prerequisites:

6 hours of HIST or AIST

Cross-listed courses:

AIST 3000

*Departments should send one form per class to the college course committee.*

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on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Also changed crs descripts                      Office of the Registrar  
for AMST, ART, & ANTH 2700,                      Nov. 2017  
even though not noted as cross-listed.    Lane Buchanan 062818

Memo in lieu of CARF -  
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Subject code:

HIST

Number:

2700

**REVIEWED**

***By Annette Suloff at 11:19 am, Apr 09, 2018***

Title:

Introduction to Museology

Current prerequisites:

WA.

Proposed new prerequisites:

none

Cross-listed courses:

(none)

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:08 am, Apr 09, 2018*

Number:

2461

Title:

Modern Japan

Current prerequisites:

3 hours of history.

Proposed new prerequisites:

none

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 11:06 am, Apr 09, 2018*

Number:

2460

Title:

Traditional Japan

Current prerequisites:

3 hours of history.

Proposed new prerequisites:

none

Cross-listed courses:

(none)

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:47 am, Apr 09, 2018*

Number:

2080

Title:

Holocaust

Current prerequisites:

HIST 1120

Proposed new prerequisites:

none

Cross-listed courses:

RELI 2080

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:35 am, Apr 09, 2018*

Number:

2041

Title:

Modern China

Current prerequisites:

3 hours of history

Proposed new prerequisites:

none

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

**REVIEWED**

*By Annette Suloff at 10:38 am, Apr 09, 2018*

Number:

2050

Title:

Introduction to Public History

Current prerequisites:

6 hours of history or consent of instructor.

Proposed new prerequisites:

none

Cross-listed courses:

(none)

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Office of the Registrar  
Nov. 2017

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Subject code:

HIST

Number:

2040

Title:

Imperial China

**REVIEWED**

*By Annette Suloff at 10:32 am, Apr 09, 2018*

Current prerequisites:

3 hours of history

Proposed new prerequisites:

none

Cross-listed courses:

(none)

*Departments should send one form per class to the college course committee.*

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Subject code:

HIST

Number:

2030

Title:

History and Environmental Science

Current prerequisites:

COM1 course with a grade of C or better.

Proposed new prerequisites:

none

Cross-listed courses:

ENR 2030

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Office of the Registrar  
Nov. 2017

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Subject code:

INST

**REVIEWED**

*By Annette Suloff at 10:35 am, Apr 25, 2018*

Number:

1010

Title:

**Proseminar in International Studies**

Current course description and/or prerequisites:

**1010. Proseminar in International Studies I. 1. [I,L◆(none)]** An introduction to the University as a social institution, international studies, and the International Studies Program. Students are introduced to international studies faculty and students. Emphasis is on topics, approaches, issues and problems falling within the purview of international studies. Offered S/U only.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Please discontinue as no longer relevant to USP 2015*

*Departments should send one form per class to the college course committee.*

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*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar

Nov. 2017

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Subject code:

INST/POLS

**REVIEWED**

*By Annette Suloff at 10:35 am, Apr 25, 2018*

Number:

1200

Title:

Non-Western Political Cultures

Current course description and/or prerequisites:

**1200. Non-Western Political Cultures. 3. [CS,G◆(none)]** Gives students appreciation of non-western political cultures and how these cultures have created different political institutions and practices. Non-Western nations of Asia, Africa, and the Middle East are used as case studies. Cross listed with POLS 1200. (Offered each semester)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**1200. Non-Western Political Cultures. 3. [CS,G◆(none)]** Gives students appreciation of non-western political cultures and how these cultures have created different political institutions and practices. Non-Western nations of Asia, Africa, and the Middle East are used as case studies. Cross listed with POLS 1200. ~~(Offered each semester)~~

Please eliminate what is crossed out.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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*Approved changes will be made in 2018-2019 University Catalog.*



Office of the Registrar

Nov. 2017

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Subject code:

INST/POLS

**REVIEWED**

*By Annette Suloff at 10:36 am, Apr 25, 2018*

Number:

1250

Title:

**Introductions to Comparative Government (please note the plural of introductionS which must be corrected.)**

Current course  
prerequisites:

description and/or

**1250. Introductions to Comparative Government. 3.** How do foreign states deal with the numerous challenges to their stability? Do institutions affect a state's approach to solving different problems? How do these different approaches affect policy? This course introduces students to different styles of governance and compare countries from around the world with reference to their political ideology. Cross listed with POLS 1250.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**1250. Introductions to Comparative Government. 3.** How do foreign states deal with the numerous challenges to their stability? Do institutions affect a state's approach to solving different problems? How do these different approaches affect policy? This course introduces students to different styles of governance and compares countries from around the world with reference to their political ideology. Cross-listed with POLS 1250.

Please make changes in bold and eliminate what is crossed out. **Please note the plural of introductionS which must be corrected. It's hard to see. Thanks!**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

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Subject code:

INST

**REVIEWED**

*By Annette Suloff at 10:36 am, Apr 25, 2018*

Number:

2200/5000

Title:

Study Abroad Preparation

Current course description and/or prerequisites:

**2200. Study Abroad Preparation. 1.** Prepares students for long-term study in a foreign country. Helps students adapt to and understand the host country: culture, history, geography, political and economic context. Students become familiar with practical information needed for a foreign experience, principles of culture shock, ethnocentrism, cultural relativism, and fundamentals of cross-cultural communication. Offered S/U only. Identical to INST 5000.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2200. Study Abroad Preparation. 1.** Prepares students for long-term study in a foreign country, by helping them to adapt to and understand the host country's culture, history, geography, political, and economic context. The course provides the practical information necessary for a foreign experience by exploring the principles of culture shock, ethnocentrism, cultural relativism, and the fundamentals of cross-cultural communication. Offered S/U only. Identical to INST 5000.

*The description was changed to read better and correct minor punctuation errors.*

*Departments should send one form per class to the college course committee.*

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Office of the Registrar

Nov. 2017

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Subject code:

INST

Number:

2230

**REVIEWED**

*By Annette Suloff at 10:37 am, Apr 25, 2018*

Title:

Introduction to Asian Studies

Current course description and/or prerequisites:

**2230. Introduction to Asian Studies. 3. [G◆(none)]** South, East, and Southeast Asia are home to virtually half of humankind with the fastest growing economies, poorest nations and hundreds of ethnic groups, rich religions and languages. Introduces cultural, political, economic and environmental landscapes of this diverse region as nations and as regional interrelationships.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2230. Introduction to Asian Studies. 3. [G◆(none)]** Asia, the world's largest continent, is home to virtually half of humanity and a broad spectrum of peoples, languages, religions, and cultures. This course introduces the cultural, political, economic, and environmental landscapes of this diverse region.

*The description was changed to read better and correct minor errors.*

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
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Subject code:

INST

Number:

2240

Title:

Introduction to African Studies

**REVIEWED**

*By Annette Suloff at 10:37 am, Apr 25, 2018*

Current course description and/or prerequisites:

**2240. Introduction to African Studies. 3. [WB♦COM2]** Confront African stereotypes by exploring the continent's complex history and current affairs. These realities will be reached with the help of different disciplinary perspectives, such as economics, political science, and anthropology. Equipped with the basics, students will be primed to tackle more advanced courses on Africa. Cross listed with AAST 2240.  
*Prerequisites:* WA or equivalent.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2240. Introduction to African Studies. 3. [WB♦COM2]** Confronts African stereotypes by exploring the continent's complex history and current affairs, with the help of different disciplinary perspectives, such as economics, political science, and anthropology. Equipped with the basics, students will be primed to tackle more advanced courses on Africa. Cross listed with AAST 2240. ~~*Prerequisites:* WA or equivalent.~~

*The description was changed to read better and correct minor punctuation errors, as well as to eliminate the prerequisite.*

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar

Nov. 2017

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Subject code:

INST

**REVIEWED**

*By Annette Suloff at 10:37 am, Apr 25, 2018*

Number:

2250

Title:

Introduction to Latin American Studies

Current course description and/or prerequisites:

**2250. Introduction to Latin American Studies. 3. [(none)♦COM2]** Introduction to the culture, history and politics of Latin America, from the US/Mexico border to the Antarctic ice fields of Patagonia. We will consider historical events and encounters from pre-Conquest times to contemporary crises; our toolkit includes geography, anthropology, history, political economy, literature and cultural studies.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2250. Introduction to Latin American Studies. 3. [(none)♦COM2]** An introduction to the culture, history and politics of Latin America, from the US/Mexico border to the Antarctic ice fields of Patagonia. We will consider historical events and encounters from pre-Conquest times to contemporary crises. Our toolkit includes geography, anthropology, history, political economy, literature, and cultural studies.

*The description was changed to read better and correct minor punctuation errors and typos.*

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Office of the Registrar

Nov. 2017

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Subject code:

INST

Number:

2280

**REVIEWED**

*By Annette Suloff at 10:37 am, Apr 25, 2018*

Title:

Introduction to European Studies

Current course description and/or prerequisites:

**2280. Introduction to European Studies. 3. [(none)◀▶COM2]** This class aims to introduce student to Europe and to better understand how notions of community and difference, territories and borders, security and identity and institutions are expressed in Europe. Class will emphasize the history of Europe across the twentieth and twenty- first centuries, but will also draw upon politics, geography, sociology, cultural studies and anthropology.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2280. Introduction to European Studies. 3. [(none)◀▶COM2]** This class explores how notions of community and difference, territories and borders, security and identity, and institutions are expressed in contemporary Europe, by drawing upon history, politics, geography, sociology, cultural studies, and anthropology.

*The description was changed to read better and correct minor punctuation errors and typos.*

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
for minor changes to course descriptions and/or prerequisites, or to discontinue courses,  
to be effective for 2018-2019 *University Catalog*

Subject code:

INST/POLS

**REVIEWED**

*By Annette Suloff at 10:39 am, Apr 25, 2018*

Number:

2310

Title:

Introduction to International Relations

Current course description and/or prerequisites:

**2310. Introduction to International Relations. 3. [G◀▶(none)]** Analyzes nature of international relations, emphasizing various methods of explaining and interpreting inter- national behavior of nation-states. Illustrates contemporary problems of world politics. Cross listed with POLS 2310. (Normally offered once a year)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2310. Introduction to International Relations. 3. [G◀▶(none)]** Analyzes the nature of international relations, emphasizing various methods of explaining and interpreting the behavior of nation-states. In doing so, the course illustrates the contemporary problems of world politics. Cross listed with POLS 2310.

*The description was changed to read better and correct minor punctuation errors and typos, and eliminates the promise of how often offered.*

*Departments should send one form per class to the college course committee.*

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Subject code:

INST

Number:

2350

**REVIEWED**

*By Annette Suloff at 10:39 am, Apr 25, 2018*

Title:

Introduction to Global Studies

Current course description and/or prerequisites:

**2350. Introduction to Global Studies. 3. [CS,G◆(none)]** Turns an interdisciplinary eye on the contemporary world of consuming and global connections. Takes a broad overview of various approaches to the study of globalization, while exploring the links between consumption, civil society, social justice, and ecological integrity.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2350. Introduction to Global Studies. 3. [CS,G◆(none)]** Taking an interdisciplinary approach to the study of globalization, the course explores the links between trade, consumption, civil society, social justice, and ecological integrity.

*The description was changed to read better and correct minor punctuation errors and typos.*

*Departments should send one form per class to the college course committee.*

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Subject code:

INST

**REVIEWED**

*By Annette Suloff at 10:39 am, Apr 25, 2018*

Number:

2990

Title:

Topics in International Studies

Current course description and/or prerequisites:

Accommodates seminar series and/or course offerings including those by interdisciplinary teams and visiting faculty in international studies not covered by department courses. Prerequisite WA

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Accommodates seminar series and/or course offerings including those by interdisciplinary teams and visiting faculty in international studies not covered by other courses.

*The above changes the wording from “department” to “other” and removes the prerequisite.*

*Departments should send one form per class to the college course committee.*

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Subject code:

INST/POLS

**REVIEWED**

*By Annette Suloff at 11:39 am, Apr 05, 2018*

Number:

3200

Title:

Comparative Political Cultures

Current course description and/or prerequisites:

**3200. Comparative Political Cultures. 3.**

Histories and experiences of various societies have shaped their values, norms, beliefs, expectations and attitudes. Explore how the beliefs, values and lifestyles of various societies shape peoples' views of their place in the politics of the state and of the state's place in their daily lives. Cross listed with POLS 3200. *Prerequisite:* POLS 1200 or POLS 1250 or permission of instructor.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**3200. Comparative Political Cultures. 3.**

Histories and experiences of various societies have shaped their values, norms, beliefs, expectations, and attitudes. This class explores how the beliefs, values, and lifestyles of various societies shape peoples' views of their place in the politics of the state and of the state's place in their daily lives. Cross listed with POLS 3200. *Prerequisite:* POLS/INST 1200 or POLS/INST 1250 or permission of instructor.

*I have edited for better reading and corrected minor punctuation errors, as well as changed pre-reqs to include both cross-listings. I am concerned that a cross-listed POLS/INST course is listed as a POLS course under the INST listings.*

*Departments should send one form per class to the college course committee.*

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Subject code:

INST

Number:

3400

Title:

Politics and Society of Turkey

**REVIEWED**

*By Annette Suloff at 11:55 am, Apr 05, 2018*

Current course description and/or prerequisites:

Examines the history of Turkey with an emphasis on its relationship with the Western world. Major topics include the Ottoman Empire; Ataurk and the founding of the Republic of Turkey; Turkey's role in the Cold War, Kurdish and other minority populations; the changing Turkish political landscape, the evolution of Islamist politics; and recent relations with the United States and European Union. Prerequisite WA

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Examines the history of Turkey with an emphasis on its relationship with the Western world. Major topics include the Ottoman Empire; Ataturk and the founding of the Republic of Turkey; Turkey's role in the Cold War, Kurdish and other minority populations; the changing Turkish political landscape, the evolution of Islamist politics; and recent relations with the United States and European Union. Prerequisite: INST/POLS 1200 or 1250 and INST/POLS 2310 or permission of instructor.

*The above corrects a spelling mistake of Ataturk (from Ataurk) and changes the prerequisite. I would also like to have it cross listed with POLS with the same number: POLS 3400.*

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Subject code:

INST

**REVIEWED**

*By Annette Suloff at 12:05 pm, Apr 05, 2018*

Number:

4060

Title:

NGOs, Development, and Culture

Current course description and/or prerequisites:

**4060. NGOs, Development, and Culture. 3.** Non-governmental organizations (NGOs) have grown exponentially in number and are often viewed as the new and best vehicle for international development. Focuses on international non-governmental organizations (INGOs), in contexts of Western aid to post-colonial societies and the role they play in the international aid system. Understand INGOs from historical, global, and cultural perspectives. Dual listed with INST 5060; cross listed with AAST 4060. *Prerequisites:* junior standing and instructor consultation.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4060. NGOs, Development, and Culture. 3.** Non-governmental organizations (NGOs) have grown exponentially in number and are often viewed as the new and best vehicle for international development. By focusing on international non-governmental organizations (INGOs), in the contexts of Western aid to post-colonial societies and the role they play in the international aid system, the course explores INGOs from historical, global, and cultural perspectives. Dual listed with INST 5060; cross listed with AAST 4060. *Prerequisites:* junior standing and instructor permission.

*I have edited for better reading and corrected minor punctuation errors, as well as changed pre-reqs to read "permission" rather than "consultation".*

*Departments should send one form per class to the college course committee.*

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Subject code:

INST

**REVIEWED**

*By Annette Suloff at 10:40 am, Apr 25, 2018*

Number:

4200

Title:

China and Globalization

Current course description and/or prerequisites:

**4200. China and Globalization. 3.** The economic reforms in China have been political, cultural, and above all, global processes. Understanding these processes of economic reform tells us much about the role of government, culture, and globalization in the transition from socialism to capitalism. It also tells us a great deal about China's future role in the international community of nations. *Prerequisite:* POLS 1200 or HIST 2041 or SOC 3100.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4200. China and Globalization. 3.** The economic reforms in China have been political, cultural, and above all, global processes. Understanding these processes of economic reform tells us much about the role of government, culture, and globalization in the transition from socialism to capitalism, as well as about China's future role in the world. *Prerequisite:* POLS/INST 1200 or POLS/INST 1250 or HIST 2041 or SOC 3100.

*I have edited for better reading and corrected minor punctuation errors, as well as changed pre--reqs*

*Departments should send one form per class to the college course committee.*

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Subject code:

INST

Number:

4255

Title:

Politics of Developing Nations

**REVIEWED**

**By Annette Suloff at 10:40 am, Apr 25, 2018**

Current course description and/or prerequisites:

**4255. Politics of Developing Nations. 3.** An analysis of the processes of political, economic and social change in the non-Western world. Dual listed with INST 5255; cross listed with POLS 4255. *Prerequisites:* 9 hours of political science or international studies, including POLS 1200 or POLS 1250 or POLS 2310, or permission of instructor.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4255. Politics of Developing Nations. 3.** An analysis of the processes of political, economic and social change in the non-Western world. Cross listed with POLS 4255, dual listed with INST 5255 and POLS 5255. *Prerequisites:* 9 hours of political science or international studies, including POLS/INST 1200 or POLS/INST 1250 or POLS/INST 2310, or permission of instructor.

*I have edited for better reading and corrected minor punctuation errors, as well as changed pre—reqs to reflect dual-listing of courses.*

*Departments should send one form per class to the college course committee.*

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Subject code:

INST

Number:

4290

Title:

Inter-American Relations

**REVIEWED**

*By Annette Suloff at 10:57 am, Apr 05, 2018*

Current course description and/or prerequisites:

**4290. Inter-American Relations. 3.** Surveys inter-American system and idea of hemispheric unity. Analyzes major issues confronting inter-American community. Cross listed with POLS 4290. *Prerequisite:* 9 hours of political science, including POLS 1200, or POLS 1250, or POLS 2310, or permission of instructor. (Normally offered every other year)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4290. Inter-American Relations. 3.** Surveys inter-American system and idea of hemispheric unity. Analyzes major issues confronting inter-American community. Cross listed with POLS 4290. *Prerequisite:* 9 hours of political science, including POLS/INST 1200, or POLS/INST 1250, or POLS/INST 2310, or permission of instructor.

*I have edited for better reading and corrected minor punctuation errors, as well as changed pre—reqs to reflect dual-listing of courses, and eliminated the frequency offered.*

*Departments should send one form per class to the college course committee.*

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Subject code:

INST

Number:

4560

Title:

Global Cities

**REVIEWED**

*By Annette Suloff at 10:40 am, Apr 25, 2018*

Current course description and/or prerequisites:

**4560. Global Cities. 3.** Globalization accelerates urbanization processes and creates a new type of city, the global city. This course introduces debates over global cities, urban culture, new urban landscapes, urban planning practices, and social disparity. It uses case studies on the cities around the world to explore the diversity of global city formation processes. Dual Listed with INST 5560; cross listed with GEOG 4560. *Prerequisites:* 9 hours of international studies or geography.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4560. Global Cities. 3.** Globalization accelerates urbanization processes and creates a new type of city: the global city. This course investigates the debates over global cities, urban culture, new urban landscapes, urban planning practices, and social disparity. **Using case studies from around the world, this class explores** the diversity of global city formation processes. Dual Listed with INST 5560; cross listed with GEOG 4560. *Prerequisites:* 9 hours of international studies or geography.

*I have edited for better reading and corrected minor punctuation errors.*

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Subject code:

INST

Number:

4950

Title:

Capstone in International Studies

**REVIEWED**

*By Annette Suloff at 10:40 am, Apr 25, 2018*

Current course description and/or prerequisites:

**4950. Capstone in International Studies. 3. [WC◀▶COM3]** Integrative course taught by an international studies faculty member. Students analyze in depth a topic from one of a variety of international studies approaches, organizing their research in concert with others in the class. Emphasis is on the quality of research and presentation. *Prerequisite:* senior standing in international studies.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4950. Capstone in International Studies. 3. [WC◀▶COM3]** Integrative course taught by an international studies faculty member. Students analyze a topic in depth from one of a variety of international studies approaches, organizing their research in concert with others in the class. Emphasis is on the quality of research and presentation. *Prerequisite:* senior standing in international studies.

*I have edited for better reading.*

*Departments should send one form per class to the college course committee.*

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Subject code:

INST

Number:

4990

Title:

Topics: \_\_\_\_\_.

Current course description and/or prerequisites:

**REVIEWED**

*By Annette Suloff at 11:02 am, Apr 05, 2018*

**4990. Topics: \_\_\_\_\_.** 1-6 (Max. 15).

Accommodates seminar series and/or course offerings including those by interdisciplinary teams and visiting faculty in international studies not covered by departmental courses. Dual listed with INST 5990.  
*Prerequisites:* junior standing and consent of instructor.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4990. Topics: \_\_\_\_\_.** 1-6 (Max. 15).

Accommodates seminar series and/or course offerings including those by interdisciplinary teams and visiting faculty in international studies not covered by courses. Dual listed with INST 5990. *Prerequisites:* junior standing and consent of instructor.

*I have eliminated the word “department” because we are now a School.*

*Departments should send one form per class to the college course committee.*

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Subject code:

LIFE

Number:

1001

**REVIEWED**

*By Annette Suloff at 10:41 am, Apr 25, 2018*

Title:

Biology as Culture

Current course description and/or prerequisites:

**1001 [BIOL 1001]. Biology as Culture. 2. [I <> {none}]** Introduces Life Science majors to the role of modern biology in society, the methods biologists use to generate knowledge, methods of accessing data, use of data, and the relationship between biology and other sciences. Prefer declared Biology, Botany and Zoology majors. (normally offered fall semester).

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

***We would like to discontinue this course. It is no longer taught and the LIFE program has no plans to resume teaching it. If a similar course were to be taught in the future, we would redesign it as an FYS.***

*Departments should send one form per class to the college course committee.*

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Subject code:

LIFE

**REVIEWED**

*By Annette Suloff at 10:41 am, Apr 25, 2018*

Number:

1003

Title:

Current Issues in Biology

Current course description and/or prerequisites:

**1003 [BIOL 1003]. Current Issues in Biology. 4. [SB<>PN]** Emphasizes central themes of biology - cell biology, genetics, evolution, ecology - and scientific methodology by focusing on current issues in biology. Taught in 3 two-hour blocks of lecture/discussion each week, with one usually devoted to laboratory explorations. Students cannot receive duplicate credit for LIFE 1010 or 1020. (Normally offered spring semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**1003 [BIOL 1003]. Current Issues in Biology. 4. [SB<>PN]** Emphasizes central themes of biology - cell biology, genetics, evolution, ecology - and scientific methodology by focusing on current issues in biology. ~~Taught in 3 two-hour blocks of lecture/discussion each week, with one usually devoted to laboratory explorations. Students cannot receive duplicate credit for LIFE 1010 or 1020.~~ If you take LIFE 1003, you cannot get duplicate credit for LIFE 1000, 1010, or 1020. (Normally offered spring semester)

***Note: this course is no longer taught in 3 two-hour blocks, so we would like to remove that language here.***

*Departments should send one form per class to the college course committee.*

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Subject code:

LIFE

Number:

1010

**REVIEWED**

*By Annette Suloff at 10:41 am, Apr 25, 2018*

Title:

Current Issues in Biology

Current course description and/or prerequisites:

**1010 [BIOL 1004]. General Biology. 4. [SB<>PN]** Fundamental concepts of biology, including basic chemistry of living systems, cell structures and functions, energy relations, genetics, molecular biology, ecology, population dynamics and evolutionary theory. Living invertebrate and vertebrate organisms studied during some lab meetings. Laboratory is required. Students who have credit in LIFE 1003 or 1020 may not receive duplicate credit for this course. *Prerequisite:* grade of C or better in MATH 0921 or level 2 on the Math Placement Exam or math ACT of 21 or math SAT of 600. (Normally offered fall and spring semesters)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**1010 [BIOL 1004]. General Biology. 4. [SB<>PN]** Fundamental concepts of biology, including basic chemistry of living systems, cell structures and functions, energy relations, genetics, molecular biology, ecology, population dynamics and evolutionary theory. Living invertebrate and vertebrate organisms studied during some lab meetings. Laboratory is required. ~~Students who have credit in LIFE 1003 or 1020 may not receive duplicate credit for this course.~~ If you take LIFE 1010, you cannot get duplicate credit for LIFE 1000, 1003, or 1020. *Prerequisite:* grade of C or better in MATH 0921 or level 2 on the Math Placement Exam or math ACT of 21 or math SAT of 600. (Normally offered fall and spring semesters)

*Departments should send one form per class to the college course committee.*

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LIFE

**REVIEWED**

**By Annette Suloff at 10:41 am, Apr 25, 2018**

Number:

1020

Title:

Current Issues in Biology

Current course description and/or prerequisites:

**1020 [BIOL 1020]. Life Science. 4. [SB<>PN]** Emphasizes fundamental principles of biology including cell structure and function, genetics, ecology, evolution and organismal biology. Considers applications of these principles to societal issues such as the conservation of biodiversity, overpopulation and global environmental changes, biotechnology, and human wellness and disease. Duplicate credit will not be given for LIFE 1010. *Prerequisite:* elementary education majors only; concurrent enrollment in EDEL 1430. (Normally offered fall and spring semesters)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**1020 [BIOL 1020]. Life Science. 4. [SB<>PN]** Emphasizes fundamental principles of biology including cell structure and function, genetics, ecology, evolution and organismal biology. Considers applications of these principles to societal issues such as the conservation of biodiversity, overpopulation and global environmental changes, biotechnology, and human wellness and disease. ~~Duplicate credit will not be given for LIFE 1010.~~ If you take LIFE 1020, you cannot get duplicate credit for LIFE 1000, 1003, or 1010. *Prerequisite:* elementary education majors only; concurrent enrollment in EDEL 1430. (Normally offered fall and spring semesters)

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Subject code:

LIFE

Number:

3050

Title:

Genetics

**REVIEWED**

*By Annette Suloff at 11:21 am, Apr 05, 2018*

Current course description and/or prerequisites:

**3050 [BIOL 3050, BIOL 4000]. Genetics. 4.** Introduces principles of heredity and variation in living organisms, including a study of the nature of the genetic material and its transmission, influence of heredity and environment on the development of individual characters, as well as evolution of organisms and artificial selection of plant and animal varieties. Emphasizes application to today's society. *Prerequisite:* completion of LIFE 1010 and one of LIFE 2022, 2023, or MICR/MOLB 2021, or MICR/MOLB 2240 with a grade of C or higher in each. (Normally offered fall and spring semesters)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**3050 [BIOL 3050, BIOL 4000]. Genetics. 4.** Introduces principles of heredity and variation in living organisms, including a study of the nature of the genetic material and its transmission, influence of heredity and environment on the development of individual characters, as well as evolution of organisms and artificial selection of plant and animal varieties. Emphasizes application to today's society. *Prerequisite:* completion of LIFE 1010 and one of LIFE 2022, 2023, MICR/MOLB 2021, or MICR/MOLB 2240 with a grade of C or higher in each. (Normally offered fall and spring semesters)

***Note: We removed one of the "ors" in the list of 2000-level choices to correct logical ambiguity. Students choose only one of the 2000-level courses, and all students must take LIFE 1010.***

*Departments should send one form per class to the college course committee.*

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Subject code:

LIFE

Number:

3400

Title:

General Ecology

**REVIEWED**

*By Annette Suloff at 12:16 pm, Apr 05, 2018*

Current course description and/or prerequisites:

**3400 [BIOL 3400, BIOL 2400]. General Ecology. 3.** Presents fundamental concepts in population and ecosystem ecology to both majors and non-majors. Emphasizes basic principles and their use in manipulated ecosystems. *Prerequisite:* completion of LIFE 1010 and one of LIFE 2022, 2023, or MICR/MOLB 2021, or MICR/MOLB 2240 with a grade of C or higher in each. (Normally offered fall and spring semesters)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**3400 [BIOL 3400, BIOL 2400]. General Ecology. 3.** Presents fundamental concepts in population and ecosystem ecology. ~~to both majors and non-majors.~~ Emphasizes basic principles and their use in manipulated ecosystems. *Prerequisite:* completion of LIFE 1010 and one of LIFE 2022, 2023, MICR/MOLB 2021, or MICR/MOLB 2240 with a grade of C or higher in each. (Normally offered fall and spring semesters)

***Note: We removed "to both majors and non-majors" since this includes all students and adds no information. We removed one of the "ors" in the list of 2000-level choices to correct logical ambiguity. Students choose only one of the 2000-level courses, and all students must take LIFE 1010.***

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*



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Subject code:

LIFE

Number:

3600

**REVIEWED**

*By Annette Suloff at 12:31 pm, Apr 05, 2018*

Title:

Cell Biology

Current course description and/or prerequisites:

**3600 [BIOL 3600, BIOL 4600]. Cell Biology. 4.** Focuses on cell structure, cell function and the regulation of cell processes. Examines many levels of organization, ranging from single molecules and individual cells to multi-cellular systems and the whole organism. Discussion section is required. *Prerequisite:* completion of LIFE 1010 and one of LIFE 2022, 2023, or MICR/MOLB 2021, or MICR/MOLB 2240 with a grade of C or higher in each.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**3600 [BIOL 3600, BIOL 4600]. Cell Biology. 4.** Focuses on cell structure, cell function and the regulation of cell processes. Examines many levels of organization, ranging from single molecules and individual cells to multi-cellular systems and the whole organism. Discussion section is required. *Prerequisite:* completion of LIFE 1010 and one of LIFE 2022, 2023, MICR/MOLB 2021, or MICR/MOLB 2240 with a grade of C or higher in each.

***Note: We removed one of the "ors" in the string of 2000-level prerequisites to remove logical ambiguity. Students must take LIFE 1010 and one of the four 2000-level courses.***

*Departments should send one form per class to the college course committee.*

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Subject code:

MATH

**REVIEWED**

*By Annette Suloff at 10:41 am, Apr 25, 2018*

Number:

1050

Title:

Finite Mathematics

Current course description and/or prerequisites:

**1050. Finite Mathematics. 3. [QB↔Q]** Introduces finite mathematics for majors not requiring calculus. Includes matrix algebra, Gaussian elimination, set theory, permutations, probability and expectation.  
*Prerequisite:* grade of C or better in MATH 1000, 1400 or 1105 or Level 4 on the Math Placement Exam or Math ACT of 26 or Math SAT of 600.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Math 1050 should be removed from the course catalog.** This course has been discontinued.

*Departments should send one form per class to the college course committee.*

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MATH

**REVIEWED**

*By Annette Suloff at 10:41 am, Apr 25, 2018*

Number:

2210

Title:

Calculus III

Current course description and/or prerequisites:

**2210. Calculus III. 4.** Continues MATH 2200, 2205. Includes vectors and solid analytic geometry, partial differentiation and multiple integration. *Prerequisite:* grade of C or better in MATH 2205 or Advanced Placement credit in MATH 2205.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2210. Calculus III. 4.** Applies calculus to situations described by more than one variable. Includes vectors, multivariable equations and functions, parameterization of curves and surfaces, partial derivatives, directional derivatives, the gradient, optimization methods, integration over curves and surfaces using Cartesian, polar, cylindrical, and spherical coordinates, vector fields, and Green's, Stokes's, and the Divergence Theorems. *Prerequisite:* grade of C or better in MATH 2205 or Advanced Placement credit in MATH 2205.

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Subject code:

MATH

Number:

2300

**REVIEWED**

*By Annette Suloff at 10:56 am, Apr 25, 2018*

Title:

**Discrete Structures**

Current course description and/or prerequisites:

*Prerequisite:* grade of C or better in COSC 1030, MATH 2200 or 2350.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Prerequisite:* grade of C or better in COSC 1030 and in either MATH 2200 or 2350.

*Departments should send one form per class to the college course committee.*

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Subject code:

MATH

**REVIEWED**

*By Annette Suloff at 10:58 am, Apr 25, 2018*

Number:

2310

Title:

Applied Differential Equations

Current course description and/or prerequisites:

**2310. Applied Differential Equations I. 3.** Combines with MATH 3310 for a one-year series in applied mathematics. Includes solution of ordinary differential equations, integral transforms. Emphasizes construction of mathematical models arising in physical science and other areas. *Prerequisite:* grade of C or better in MATH 2205. (*Note:* MATH 2210 is required for the sequel.)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2310. Applied Differential Equations I. 3.** Includes solution of ordinary differential equations, integral transforms. Emphasizes construction of mathematical models arising in physical science and other areas. *Prerequisite:* grade of C or better in MATH 2205.

*Departments should send one form per class to the college course committee.*

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Subject code:

MATH

**REVIEWED**

*By Annette Suloff at 10:58 am, Apr 25, 2018*

Number:

2350

Title:

Business Calculus

Current course description and/or prerequisites:

**2350. Business Calculus. 4. [QB↔Q]** Combines with MATH 2355 for a one-year series in business math, primarily for students in the College of Business. Includes review of functions, their graphs and algebra; derivatives and their applications; exponential and logarithmic functions; integration and applications; and applications are generally geared to business problems. *Prerequisite:* grade of C or better in MATH 1400 or Level 4 on the Math Placement Exam or Math ACT of 26 or Math SAT of 600.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2350. Business Calculus. 4. [QB↔Q]** Primarily for students in the College of Business. Includes an introduction to limits; the definition of a derivative; derivatives and their applications; antiderivatives; definite integrals and their applications. The applications emphasize concepts of interest to business majors. *Prerequisite:* grade of C or better in MATH 1400 or Level 4 on the Math Placement Exam or Math ACT of 26 or Math SAT of 600.

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Subject code:

MATH

**REVIEWED**

*By Annette Suloff at 11:07 am, Apr 25, 2018*

Number:

2355

Title:

Mathematical Applications for Business

Current course description and/or prerequisites:

**2355. Mathematical Applications for Business. 4.** Continues business and economic applications of mathematics. Also includes linear equations and programming, finance, probability and statistics. Mandatory computer lab using spreadsheet software will meet one day per week. *Prerequisite:* grade of C or better in MATH 2200 or 2350.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2355. Mathematical Applications for Business. 4.** Primarily for students in the College of Business. Includes the mathematics of finance; systems of linear equations and matrices; linear programming; sets, counting, and probability. Students will learn to use Excel spreadsheets to solve business application problems in a computer lab that meets one day per week. *Prerequisite:* grade of C or better in MATH 1400 or Level 4 on the Math Placement Exam or Math ACT of 26 or Math SAT of 600.

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Subject code:

MATH

**REVIEWED**

*By Annette Suloff at 11:08 am, Apr 25, 2018*

Number:

2800

Title:

Mathematics Major Seminar

Current course description and/or prerequisites:

**2800. Mathematics Major Seminar. 2.**

Introduces mathematics majors and minors to mathematical investigation and discovery. Typically, a range of topics are covered; may include reading assignments and group or individual work on projects for presentation. Offered S/U only.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**2800. Mathematics Major Seminar. 2.**

An introduction to modern mathematical reasoning and discourse, emphasizing the distinctive ways in which logic and language are used and the motivations behind them. Develops methods of precise definition and rigorous proof. Several topics are explored, illustrating mathematics as a living, dynamic subject with its own culture and conventions. Offered S/U only.

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Subject code:

MATH

**REVIEWED**

*By Annette Suloff at 11:11 am, Apr 25, 2018*

Number:

3205

Title:

**Analysis I: Elementary Real Analysis**

Current course description and/or prerequisites:

An introduction to rigorous analysis in one real variable. Includes a rigorous reconsideration of the elements of calculus: the real number system, numerical sequences and series, limits, continuity, differentiability, and Riemann integrability for function of one variable. Proof and mathematical writing are emphasized.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

An introduction to rigorous analysis in one real variable. Includes a rigorous reconsideration of the elements of calculus: the real number system, numerical sequences and series, limits, continuity, differentiability, and Riemann integrability for functions of one variable. Proof and mathematical writing are emphasized.

*Departments should send one form per class to the college course committee.*

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Subject code:

MATH

Number:

3310

Title:

Applied Differential Equations II

**REVIEWED**

*By Annette Suloff at 11:12 am, Apr 25, 2018*

Current course description and/or prerequisites:

**3310. Applied Differential Equations II. 3.**

Continues MATH 2310. Includes partial differential equations, Fourier series, boundary value problems, series solutions of ordinary differential equations, linear algebra, linear systems of equations and numerical methods.  
*Prerequisite:* grade of C or better in MATH 2210 and 2310.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Math 3310 should be removed from the course catalog.** The Math Department reorganized its undergraduate program in AY 2012–2013, and Math 3310 was discontinued at this time.

*Departments should send one form per class to the college course committee.*

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Subject code:

MATH

**REVIEWED**

*By Annette Suloff at 11:12 am, Apr 25, 2018*

Number:

3700

Title:

Combinatorics

Current course description and/or prerequisites:

**3700. Combinatorics. 3.** Provides an intro- duction to combinatorics and combinatorial algorithms, with applications to areas such as computer science and probability. Topics include general counting methods, recurrence relations, generating functions, inclusion- exclusion, partial orders, and graph theory. *Prerequisite:* grade of C or better in Math 2250. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**3700. Combinatorics. 3.** Provides an introduction to combinatorics and combinatorial algorithms, with applications to areas such as computer science and probability. Topics include general counting methods, recurrence relations, generating functions, inclusion-exclusion, partial orders, and graph theory. *Prerequisite:* grade of C or better in Math 2250. (Offered spring semester)

*Departments should send one form per class to the college course committee.*

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Subject code:

MATH

Number:

4300

**REVIEWED**

*By Annette Suloff at 11:17 am, Apr 25, 2018*

Title:

Introduction to Mathematical Modeling

Current course description and/or prerequisites:

*Prerequisite:* grade of C or better in MATH 2250 or 3310. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Prerequisite:* grade of C or better in MATH 2250 or 2310. (Offered fall semester)

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

MATH

**REVIEWED**

*By Annette Suloff at 11:17 am, Apr 25, 2018*

Number:

4400

Title:

Topics in Applied Math

Current course description and/or prerequisites:

**4400. Topics in Applied Math. 3.** Presents topics in applied mathematics that are of importance for a variety of disciplines in science and engineering. Content will vary and may include: mathematical biology, vector calculus, mathematics for finance, dimensional analysis and perturbation methods and the calculus of variations. *Prerequisites:* grade of C or better in MATH 2250 and MATH 2210. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Math 4400 should be removed from the course catalog.** The Math Department reorganized its undergraduate program in AY 2012–2013, and Math 4400 was discontinued at that time.

*Departments should send one form per class to the college course committee.*

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Subject code:

MUSC

**REVIEWED**

*By Annette Suloff at 11:18 am, Apr 25, 2018*

Number:

1345

Title:

Public School Methods: Voice II

Current course description and/or prerequisites:

1360. Public School Methods: Voice II. 1 (Max 2). Group instruction in the vocal area for music education majors. Second semester of vocal methods which focuses on Choral Methods, Children's Choir, Jazz, and Musical Theater in the K-12 teaching situation. Prerequisite: MUSC 1340.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

We are discontinuing this course. It has been replaced by Choral Methods, which addresses the subject matter in greater depth. It is part of the large scale curricular change to the Music Education degree.

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Subject code:

MUSC

Number:

4610

Title:

MUSC 4610, Vocal Pedagogy

Current course description and/or prerequisites:

**4610. Vocal Pedagogy. 1/2-2 (Max. 3).** Surveys techniques, practices and materials. *Prerequisite:* 8 credit hours of voice. (Offered spring semester)

**REVIEWED**

*By Annette Suloff at 2:21 pm, Apr 04, 2018*

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4610. Vocal Pedagogy. 1-2.** This specialized course addresses anatomy and physiology of the vocal instrument and the scientific principles surrounding it, studio teaching techniques, student learning styles, repertoire assignment, and all aspects of establishing a private studio. The last quarter of the class includes an in-class, supervised teaching unit. *Prerequisite:* 8 credit hours of voice or permission of Instructor. (Offered alternate spring semesters).

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Subject code:

PHIL

Number:

4560

Title:

Metaphysics

**REVIEWED**

**By Annette Suloff at 2:28 pm, Apr 04, 2018**

Current course description and/or prerequisites:

**4560. Metaphysics. 3.** Examines approaches to metaphysics. Discusses problems such as causality, individuation and distinction between particulars and universals. Dual listed with PHIL 5560. *Prerequisite:* 12 hours of philosophy including PHIL 3100 and 4100.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Change prerequisite from “PHIL 3100 and PHIL 4100” to PHIL 3560.

Rationale: We created 3560, a junior level intro to Metaphysics about a decade ago. Now that we have 3560 there is no need to use other courses as the preparatory course for the senior/grad level metaphysics course.

*Departments should send one form per class to the college course committee.*

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Subject code:

PHIL

Number:

5100

Title:

Figures in Modern and 19<sup>th</sup> Century Philosophy

Current course description and/or prerequisites:

**5100. Figures in Modern and 19th Century Philosophy. 3-6 (Max. 6).**

A detailed examination of one or more of the figures in modern or 19th century philosophy. *Prerequisite:* 12 hours of philosophy including PHIL 3100.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue (Archive?) the number 5100 because there is no 4000-level to Dual List with it since 4100 was used for something else decades ago but is still off limits.

In order to have there be a corresponding 4xxx number course for this course we need to give this course a new number at the 5000 level.

*Departments should send one form per class to the college course committee.*

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Danielle Mahlum has suggested that 4130/5130 be assigned to the current 5100 and that this all be done with one CARF.

Re: email exchange November 29, 2017 with Mahlum:

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On Nov 29, 2017, at 3:47 PM, Danielle Lynn Mahlum <[dmahlum@uwyo.edu](mailto:dmahlum@uwyo.edu)> wrote:

Hi Susanna,

I was mistaken; even though 4100 has been inactivated, we still can't reuse the number. And since our policy is to use the same set of paired numbers for 4xxx/5xxx courses, we'll need to change 5100 also. Leslie says you can use one CARF to change the course number and add the 4xxx-level. We recommend 4130/5130, since both of those numbers are available.

Danielle

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Danielle Mahlum, Ph.D.

Associate Registrar

Office of the Registrar

Phone.307-766-6647

Fax.307-766-3960

Thus 5100 is archived (or discontinued).

4130 is the course number for undergraduates and 5130 is the course number for graduate students.

All courses in the philosophy department have corresponding 4000/5000 listings except for this one course. Creating a 4000 number to dual list with a 5000 number will makes enrollment much easier and clearer for the undergraduates.

The current course description will remain the same and be applied to both 4130 and 5130, with the exception that the prereqs for the 5130 is "graduate standing" which is the prereq for all 5000 level courses.

Change in prerequisites for 4130: 12 hours of philosophy including either 3100 or 3110.

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Rationale for the change in prerequisites is that for years 3100 covered both the Rationalists (Descartes, Spinoza, and Leibniz) as well as the Empiricists (Locke, Berkeley, and Hume). About a decade ago we split 3100 in half and had a course just for the Rationalists (3100) and a new course just for the Empiricists (3110). Either course works as a prerequisite, so 3100 or 3110 rather than just 3100.

Also: The list of variable hours is just confusing, never used, and not applied consistently with all the courses. “3-6 (Max. 6)” simply needs to be deleted and “3” be the only thing listed.

*Departments should send one form per class to the college course committee.*

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Subject code:

PHIL

Number:

4510

Title:

Theory of Knowledge

**REVIEWED**

**By Annette Suloff at 2:34 pm, Apr 04, 2018**

Current course description and/or prerequisites:

**4510. Theory of Knowledge. 3.** Studies such problems as knowledge and belief, skepticism, perception and knowledge, memory, truth and justification of induction. Dual listed with PHIL 5510. *Prerequisite:* 12 hours of philosophy including PHIL 3100 and 4100.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Change prerequisite from “PHIL 3100 and PHIL 4100” to PHIL 3510.

Rationale: We created 3510, a junior level intro to Epistemology about a decade ago. Now that we have 3510 there is no need to use other courses as the preparatory course for the senior/grad level Theory of Knowledge course.

*Departments should send one form per class to the college course committee.*

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Subject code:

PHIL

**REVIEWED**

*By Annette Suloff at 2:42 pm, Apr 04, 2018*

Number:

4140

Title:

Topics in Philosophy of Science

Current course description and/or prerequisites:

**4140. Topics in Philosophy of Science. 3 (Max. 6).** Encompasses selected topics in philosophy of science.  
*Prerequisite:* 9 hours of philosophy, including PHIL 1000 and 3140; PHIL 2220 is recommended.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

The prerequisite statement should read: 9 hours of philosophy, including PHIL 3140.

Rationale: 3140 is the junior level philosophy of science course so it makes sense that students take it before taking a senior level Topics in Philosophy of Science.

PHIL 2220 is not a course that exists so it should just be erased. I can't even figure out which course it was supposed to be.

And if students have 9 hours of philosophy it really doesn't matter that one of those courses is Intro. Intro is not required for any course so I have no clue why it is mentioned for just this one specific course. Remove.

*Departments should send one form per class to the college course committee.*

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*Approved changes will be made in 2018-2019 University Catalog.*

Change prerequisite from 3100 to 3100 or 3110

Rationale for the change in prerequisites is that for years 3100 covered both the Rationalists (Descartes, Spinoza, and Leibniz) as well as the Empiricists (Locke, Berkeley, and Hume). About a decade ago we split 3100 in half and had a course just for the Rationalists (3100) and a new course just for the Empiricists (3110). Either course works as a prerequisite, so 3100 or 3110 rather than just 3100.

Change 2100 to 3120

Rationale for this change is that we now have a more advanced course on Ancient philosophy (PHIL 3120) and that is the course that will help students with 4120. PHIL 2100 is almost never taught and is not advanced enough to be proper preparation for PHIL 4120.

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Subject code:

PHIL

Number:

4120

Title:

Philosophy and the 20<sup>th</sup> Century

**REVIEWED**

*By Annette Suloff at 12:14 pm, Apr 11, 2018*

Current course description and/or prerequisites:

**4120 [4100]. Philosophy and the 20th Century. 3.** Part three of the history of philosophy sequence. Covers the third great age of philosophy. Studies the main ways in which philosophy has been done since 1900. Topics normally include logic and philosophy, Wittgenstein, logical positivism and current trends. Dual listed with PHIL 5120. *Prerequisite:* PHIL 4120/5120, PHIL 4120; 12 hours of philosophy including either PHIL 2100 or 3100.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Rationale for rewriting the prerequisite statement: The prerequisites statement as currently written make no sense whatsoever. Garbled mess.

The prerequisite statement should read: 12 hours of philosophy including either PHIL 3100, 3110, or 3120.

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Change prerequisite from 3100 to 3100 or 3110

Rationale for the change in prerequisites is that for years 3100 covered both the Rationalists (Descartes, Spinoza, and Leibniz) as well as the Empiricists (Locke, Berkeley, and Hume). About a decade ago we split 3100 in half and had a course just for the Rationalists (3100) and a new course just for the Empiricists (3110). Either course works as a prerequisite, so 3100 or 3110 rather than just 3100.

Change 2100 to 3120

Rationale for this change is that we now have a more advanced course on Ancient philosophy (PHIL 3120) and that is the course that will help students with 4120. PHIL 2100 is almost never taught and is not advanced enough to be proper preparation for PHIL 4120.

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Subject code:

PHIL

Number:

4040

**REVIEWED**

*By Annette Suloff at 11:53 am, Apr 11, 2018*

Title:

Kant

Current course description and/or prerequisites:

**4040. Kant. 3.** An examination of one or more aspects of the work of Immanuel Kant, conducted either from the perspective of the history of philosophy, or predominantly as a critical study. Dual listed with PHIL 5040. *Prerequisite:* 12 hours of philosophy including PHIL 3100.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Change: 3100 to 3100 or 3110

Rationale for the change in prerequisites is that for years 3100 covered both the Rationalists (Descartes, Spinoza, and Leibniz) as well as the Empiricists (Locke, Berkeley, and Hume). About a decade ago we split 3100 in half and had a course just for the Rationalists (3100) and a new course just for the Empiricists (3110). Either course works as a prerequisite, so 3100 or 3110 rather than just 3100.

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Subject code:

PHIL

Number:

3933

Title:

African Philosophy

Current course description and/or prerequisites:

**3933. African Philosophy. 3.** [{none}<>H] Examines the work of philosophers of Africa, of African descent and others who deal with the African diaspora. Topics include the nature of African Philosophy and the African American struggle, African colonialism, philosophy, political philosophy and gender, traditional African thought. Cross listed with AAST/INST 3933. *Prerequisite:* A prior course in either African American and Diaspora Studies, Global and Area Studies, or Philosophy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

PHIL

Number:

3560

Title:

Introduction to Metaphysics

Current course description and/or prerequisites:

**3560. Introduction to Metaphysics. 3.** A systematic introduction to metaphysics, the branch of philosophy concerned with providing a comprehensive account of the most general features of reality as a whole. Of central importance is the study of ontology, which seeks to address the question of what general sorts of things exist: particulars, universals, propositions, numbers, minds. *Prerequisite:* 3 hours of philosophy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

PHIL

Number:

3510

Title:

Introduction to Epistemology

Current course description and/or prerequisites:

**3510. Introduction to Epistemology. 3.** Systematic introduction to epistemology, the philosophical study of knowledge and justified belief. Aims to answer questions such as: What are the necessary and sufficient conditions of knowledge? What are its sources? What is its structure, and what are its limits? How we are to understand the concept of justification? *Prerequisite:* 3 hours of philosophy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

PHIL

Number:

3500

Title:

History of Science

Current course description and/or prerequisites:

**3500. History of Science. 3.** Historical and philosophical survey of the development of science from the ancient Greeks to the twentieth century. *Prerequisite:* 3 hours of laboratory science and 3 hours of philosophy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

PHIL

Number:

3440

Title:

Philosophy of Mind

Current course description and/or prerequisites:

**3440. Philosophy of Mind. 3.** Considers topics in philosophy of mind, including mind-body problem, emotions, attitudes, perception and psychological explanation. *Prerequisite:* 3 hours of philosophy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

PHIL

Number:

3420

Title:

Symbolic Logic

Current course description and/or prerequisites:

**3420. Symbolic Logic. 3.** Studies both propositional and quantificational logic, concentrating on methods of proof. Takes up such topics as identity, singular terms, intuitive set theory, and translating English sentences into symbolic notation. *Prerequisite:* 3 hours of philosophy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

PHIL

Number:

3340

Title:

Philosophy in Literature

**REVIEWED**

**By Annette Suloff at 11:40 am, Apr 11, 2018**

Current course description and/or prerequisites:

**3340 [2340]. Philosophy in Literature. 3 (Max 6).** Examines central themes in literary works with philosophical significance; studies related general issues. Authors studied may include Aristotle, Dostoevski, Kafka, ee cummings, Grass, Mann, Pound, Rilke, Camus, and Sartre. Issues include questions of interpretation, criticism, and translation, as well as the possibility of direct philosophical influence on authors. Cross listed with ENGL 3340. *Prerequisite:* one course in philosophy and one course in literature or criticism in the English department.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

New Course Description:

**3340 [2340]. Philosophy in Literature. 3 (Max 6).** Examines central themes in literary works with philosophical significance; studies related general issues. Issues include questions of interpretation, criticism,

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and translation, as well as the possibility of direct philosophical influence on authors. Cross listed with ENGL 3340.

Rationale: simplification

New prerequisites statement:

*Prerequisite:* one course in philosophy or one course in literature or consent of instructor.

Rationale: simplification and to align with the rest of the department courses

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Subject code:

PHIL

Number:

3320

Title:

Eastern Thought

Current course description and/or prerequisites:

**3320. Eastern Thought. 3.** Surveys some of the major concepts in Zen, Hinduism, Buddhism, Taoism and Confucianism. Cross listed with RELI 3320. *Prerequisite:* 3 hours of philosophy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

PHIL

Number:

3140

Title:

Philosophy of Science

Current course description and/or prerequisites:

**3140. Philosophy of Science. 3.** Systematically examines philosophical problems about the nature of science, its methods of explanation, and the status of its laws and theories. *Prerequisite:* 6 hours of physical, biological or social science.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

PHIL

Number:

3120

Title:

Ancient Greek Philosophy

Current course description and/or prerequisites:

**3120. Ancient Greek Philosophy. 3.** Surveying some of ancient Greek philosophy. Begins with the works of the earliest extant philosophical thinkers, the presocratics. Remainder of focus on Plato and Aristotle.  
*Prerequisite:* 3 hours of philosophy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

PHIL

Number:

3110

Title:

History of Modern Philosophy: The Empiricists

Current course description and/or prerequisites:

**3110. History of Modern Philosophy: The Empiricists. 3.** People to be studied include: Locke, Berkeley, Hume and Kant. These philosophers are included in the second great age of philosophy. *Prerequisite:* 3 hours of philosophy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Just add “or consent of instructor”

Rationale: makes the prereq align with other courses

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Subject code:

RELI

**REVIEWED**

*By Annette Suloff at 11:20 am, Apr 25, 2018*

Number:

2150

Title:

New Testament Survey

Current course description and/or prerequisites:

Introduces the academic study of the New Testament. Focuses on questions of history, religious and cultural context, occasion and purpose for writing the different books and theological development of early Christianity.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Introduces the academic study of the New Testament. Concentrates on the analysis of Jesus, Paul and other New Testament figures by studying the textual evidence within its historical, religious and cultural contexts. Key foci also include the composition of the New Testament's books and the theological development of early Christianity.

Thank you, Professor Paul Flesher

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Subject code:

RELI

Number:

3180

Title:

Drama and Religion

**REVIEWED**

***By Annette Suloff at 11:20 am, Apr 25, 2018***

Current course description and/or prerequisites:

Drama and religion seek to communicate idease about the ultimate meaning of human life. Both influence and are influenced by the culture from which they developed. Examines plays that are influenced by the Bible, Greek plays whose concepts have influenced Christianity over the Centuries, and modern plays that address religious issues. Cross listed with THEA 3180.

Proposed new course description and/or prerequisites, or rationale for

**discontinuing a course**, along with whether course is cross-listed (please include the cross-listed classes)

We propose to discontinue this course because it has not been taught for many years. No current faculty member has any plans to teach it, nor is any hire in the future likely to want to teach it.

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Subject code:

SOC

Number:

3880

Title:

Political Sociology

Current course description and/or prerequisites:

Sociology 1000 and Junior/Senior Standing

**REVIEWED**

***By Annette Suloff at 12:34 pm, Apr 05, 2018***

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

We would just like to change the pre-reqs to SOC 1000 (eliminate junior/senior standing). This is consistent with our other 3000-level courses.

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Subject code:

THEA

**REVIEWED**

*By Annette Suloff at 11:20 am, Apr 25, 2018*

Number:

See Below

Title:

See Below

Current course description and/or prerequisites:

THEA 1040, Production Crew I  
THEA 1021, Academic/Pro Issues-Dance  
THEA 1200, Intro to Stage Design  
THEA 2030, Beginning Playwriting  
THEA 2040, Production Crew II  
THEA 2200, Backgrounds of Dance  
THEA 2790, Stage Management  
THEA 2990, Period Styles of Design  
THEA 3100, Kinesiology for Dance  
THEA 3430, Modern Dance III/I  
THEA 3820, Stage Costuming I  
THEA 4260, Intermediate Dance Composition  
THEA 4600, Advanced Playwriting  
THEA 4700, Auditioning and Careers in Dance  
THEA 4720, Auditioning and Professional Issues

Proposed new course description and/or prerequisites, or rationale:

All the above courses when established were incorrectly submitted with the SCHEDULE TYPE of Lecture. Each of these classes since the beginning have been taught as STUDIO classes.

Our request is to change the SCHEDULE TYPE for all the above courses from LECTURE to STUDIO.

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Subject code:

THEA

**REVIEWED**

*By Annette Suloff at 12:39 pm, Apr 05, 2018*

Number:

4730

Title:

Movement for Actors

Current course description and/or prerequisites:

**4730. Movement for Actors. 2.** An exploration of the underlying physical skills of actors as well as the art of physical acting and non-verbal storytelling. We will be using a mix of Viewpoints, LeCoq, Suzuki, and other practitioners' contributions, including Mask, Mime, Clowning, Devised Theatre and more. *Prerequisite:* THEA 1100 and 2720.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4730. Movement for Actors. 2.** An exploration of the underlying physical skills of actors as well as the art of physical acting and non-verbal storytelling. We will be using a mix of Viewpoints, LeCoq, Suzuki, and other practitioners' contributions, including Mask, Mime, Clowning, Devised Theatre and more. *Prerequisite:* THEA 1100 and 1700.

*The change is only in the prerequisites; THEA2720 is no longer directly connected. In prior curriculum, 3720 and 4730 were a two part Movement & Combat I and II sequence, but we separated them into Intro to Stage Combat – which was bumped down to a 2720 level so as to articulate with community colleges- and Movement for Actors. They are no longer a connected sequence but are stand-alone courses. THEA1700 is another foundational course that will serve to both limit the class to more serious acting students and establish a baseline of physical and breath work for students coming into Movement for the Actor.*

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Subject code: WMST

Number: 1020

Title: Intellectual Community: Women in Sports

**REVIEWED**  
*By Annette Suloff at 12:41 pm, Apr 05, 2018*

Current course description and/or prerequisites: •

DISCONTINUE – no longer offered

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue – No longer offered. No instructor.

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Subject code: WMST

Number: 1090

**REVIEWED**  
*By Annette Suloff at 12:41 pm, Apr 05, 2018*

Title: Women in Contemporary Society

Current course description and/or prerequisites:  
  
DISCONTINUE – no longer offered

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

DISCONTINUE – no longer offered. This class was part of a FIG.

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Subject code:

WMST

Number:

2001

Title:

Gender and Ethnicity in Science

REVIEWED

By Annette Suloff at 12:43 pm, Apr 05, 2018

Current course description and/or prerequisites:

DISCONTINUE – no longer offered

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

DISCONTINUE – no longer offered. The instructor of this class left over a decade ago.  
Cross List – LTST 2001

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Subject code: WMST

Number: 2135

Title: Women and Aging

**REVIEWED**  
*By Annette Suloff at 12:44 pm, Apr 05, 2018*

Current course description and/or prerequisites:

DISCONTINUE – no longer offered

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

DISCONTINUE – no longer offered. The instructor of this class left UW over a decade ago.  
Cross List – None

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Subject code:

WMST

Number:

2420

Title:

Women and Politics

**REVIEWED**  
By Annette Suloff at 12:46 pm, Apr 05, 2018

Current course description and/or prerequisites:

DISCONTINUE – no longer offered

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

DISCONTINUE – no longer offered. The class is being reconfigured as a 4000/5000 level class with a gender focus.  
Cross List – POLS 2420

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Nov. 2017

Memo in lieu of CARF -  
for minor changes to course descriptions and/or prerequisites, or to discontinue courses,  
to be effective for 2018-2019 *University Catalog*

Subject code:

WMST

Number:

3150

**REVIEWED**

*By Annette Suloff at 12:49 pm, Apr 05, 2018*

Title:

Feminist Christian Thought

Current course description and/or prerequisites:

~~DISCONTINUE~~ - no longer offered

REMOVE WOMEN'S STUDIES CROSS-LIST

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

~~DISCONTINUE~~ - no longer offered. The instructor of this class retired over a decade ago.

Cross List - RELI 3150

KEEP RELI LISTING

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*



Memo in lieu of CARF -  
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Subject code:	WMST
Number:	4155
Title:	Women, War and Health

**REVIEWED**  
*By Annette Suloff at 12:51 pm, Apr 05, 2018*

Current course description and/or prerequisites:  
  
DISCONTINUE – no longer offered

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

DISCONTINUE – no longer offered. The instructor of this class retired from UW  
Cross List – None

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

WMST

Number:

4190

Title:

Women and the Bible

**REVIEWED**

*By Annette Suloff at 12:59 pm, Apr 05, 2018*

Current course description and/or prerequisites:

~~DISCONTINUE~~ – no longer offered

*REMOVE WOMEN'S STUDIES CROSS-LIST*

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

~~DISCONTINUE~~ – no longer offered. The instructor of this class retired from UW.  
Cross List – RELI 4190

*→ KEEP RELI LISTING*

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Office of the Registrar  
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Subject code:

WMST

**REVIEWED**

*By Annette Suloff at 1:05 pm, Apr 05, 2018*

Number:

4330

Title:

European Gender and Women's History

Current course description and/or prerequisites:

NOTE - this class is cross listed with HISTORY, but the cross-list is missing.  
Cross List – HIST 4330

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

NOTE - this class is cross listed with HISTORY, but the cross-list is missing.  
Cross List – HIST 4330

*Departments should send one form per class to the college course committee.*

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Subject code:

WMST

Number:

4335

Title:

Women and Islam

REVIEWED

By Annette Suloff at 1:10 pm, Apr 05, 2018

Current course description and/or prerequisites:

There is a typo in the course description: "...dual listed with WMST 4335" should be "dual listed with WMST 5335"

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

There is a typo in the course description: "...dual listed with WMST 4335" should be "dual listed with WMST 5335"

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

WMST

**REVIEWED**

*By Annette Suloff at 1:17 pm, Apr 05, 2018*

Number:

4400

Title:

Women and Work

Current course description and/or prerequisites:

DISCONTINUE – no longer offered

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

DISCONTINUE – no longer offered. The instructor of this class retired from UW.  
Cross List – SOC 4400

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
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Subject code:

WMST

**REVIEWED**

*By Annette Suloff at 11:02 am, Apr 11, 2018*

Number:

4430

Title:

Queer Study

TITLE CHANGE – QUEER THEORY

Current course description and/or prerequisites:

NOTE – there was an error with the bulletin copy where the title of the class is listed as Queer Study. It should be Queer Theory.

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

NOTE – there was an error with the bulletin copy where the title of the class is listed as Queer Study. It should be Queer Theory.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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Subject code:

WMST

Number:

4520

**REVIEWED**

*By Annette Suloff at 11:04 am, Apr 11, 2018*

Title:

Gender and Sexuality in Postcolonial Writing

Current course description and/or prerequisites:

DISCONTINUE – no longer offered

Proposed new course description and/or prerequisites, or rationale for  
discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

DISCONTINUE – no longer offered. The instructor of this class left from UW.  
Cross List – None

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Nov. 2017

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Subject code:

ZOO

Number:

3115

Title:

Human Systems Physiology

Current course description and/or prerequisites:

**REVIEWED**

**By Annette Suloff at 2:47 pm, Apr 04, 2018**

3115. Human Systems Physiology. 4.

Covers the fundamental function(s) of the human body systems, from cells and tissues through organs and systems, focusing also on biological communication and homeostasis. Students learn how to interpret physiological data. Includes laboratory and tutorial sessions. Fulfills degree requirement in physiology subsection for zoology major. Cross listed with KIN 3115. Prerequisite: At least ((C in CHEM 1020 or CHEM 1050) or B in CHEM 1000) and C in LIFE 1010.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Course Action Requested: ZOO 3115 remove crosslisting with KIN 3115 and (separate form) discontinue KIN 3115*

3115. Human Systems Physiology. 4.

Covers the fundamental function(s) of the human body systems, from cells and tissues through organs and systems, focusing also on biological communication and homeostasis. Students learn how to interpret physiological data. Includes laboratory and tutorial sessions. Fulfills degree requirement in physiology subsection for zoology major. Prerequisite: At least ((C in CHEM 1020 or CHEM 1050) or B in CHEM 1000) and C in LIFE 1010.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Office of the Registrar  
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Subject code:

ZOO

Number:

4300

Title:

Wildlife Ecology and Management

Current course description and/or prerequisites:

**REVIEWED**

*By Annette Suloff at 2:51 pm, Apr 04, 2018*

4300 [4720]. Wildlife Ecology and Management. 5.

Integrates concepts of vertebrate ecology with the art of wildlife management, stressing approaches to deal with the inherent uncertainty of managing populations. Strategies to increase or decrease populations of target species, tools used to determine population status (e.g., viability analysis, monitoring, habitat assessment), and ecosystem management approaches. Laboratory included. Dual listed with ZOO 5300. Prerequisite: LIFE 2400. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

4300 [4720]. Wildlife Ecology and Management. 5.

Integrates concepts of vertebrate ecology with the art of wildlife management, stressing approaches to deal with the inherent uncertainty of managing populations. Strategies to increase or decrease populations of target species, tools used to determine population status (e.g., viability analysis, monitoring, habitat assessment), and ecosystem management approaches. Laboratory included. Dual listed with ZOO 5300. Prerequisite: LIFE 3400, STAT 2050 or 2070, and ZOO 2450. (Offered fall semester)

*Course Action Requested:* **Edit prerequisites.**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Subject code:

ZOO

Number:

4440

Title:

Limnology

Current course description and/or prerequisites:

**REVIEWED**

**By Annette Suloff at 2:52 pm, Apr 04, 2018**

4440. Limnology. 3.

Studies ecology of inland waters; biological, chemical and physical features on lakes and streams. Prerequisite: LIFE 1010, 2400 and one year of chemistry or consent of instructor. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

4440. Limnology. 3.

Studies ecology of inland waters; biological, chemical and physical features on lakes and streams. Prerequisite: LIFE 1010, LIFE 3400 and CHEM 1030 or consent of instructor. (Offered fall semester)

Course Action Requested: *Edit prerequisites.*

*Departments should send one form per class to the college course committee.*

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Subject code:

ZOO

**REVIEWED**

*By Annette Suloff at 11:11 am, Apr 11, 2018*

Number:

4670

Title:

Cell Physiology

Current course description and/or prerequisites:

4670. Cell Physiology. 4.

Focuses on the cellular mechanisms, functions, and pathways that define the cell as the fundamental living unit. Topics include metabolism, second messengers, cell ultrastructure, membrane excitability, transport physiology, contractile systems, cell division, and programmed cell death. Dual listed with ZOO 5670. Prerequisite: MOLB 3610, LIFE 4600.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

4670. Cell Physiology. 4.

Focuses on the cellular mechanisms, functions, and pathways that define the cell as the fundamental living unit. Topics include metabolism, second messengers, cell ultrastructure, membrane excitability, transport physiology, contractile systems, cell division, and programmed cell death. Dual listed with ZOO 5670. Prerequisite: MOLB 3610 and LIFE 3600.

Course Action Requested: *Edit prerequisites.*

*Departments should send one form per class to the college course committee.*

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Subject code:

ZOO

**REVIEWED**

*By Annette Suloff at 11:23 am, Apr 25, 2018*

Number:

5125

Title:

Integrative Physiology

Current course description and/or prerequisites:

5125. Integrative Physiology. 4. Examines how functional organ systems are coordinated and integrated to establish and maintain health. Considers, among others, the functions of the endocrine and central nervous systems. Dual listed with ZOO 4125. Prerequisite: C Grade or higher in ZOO 3115; and/or a Pharmacy 1 standing; graduate students must have permission from the instructor.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Course Action Requested: *Discontinue ZOO 5125*

Course Action Request- Rationale for discontinuing and notes: *ZOO 5125 is no longer part of the Department of Zoology and Physiology graduate curriculum.*

*In the above course description ZOO 5125 is dual listed with ZOO 4125. Note that the current AY 2017-2018 (5 credit hour) ZOO 4125 course description no longer includes the dual listing notation. The Request to discontinue only applies to ZOO 5125.*

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Subject code:

ZOO

**REVIEWED**

*By Annette Suloff at 11:26 am, Apr 11, 2018*

Number:

5190

Title:

Comparative Environmental Physiology

Current course description and/or prerequisites:

5190. Comparative Environmental Physiology. 4.

Studies and interprets principles of physiology which adapt animals to various environmental constraints. Introduces the discipline which has risen between the traditional fields of physiology and ecology and provides an understanding of animal distribution and survival. Dual listed with ZOO 4190.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

5190. Comparative Environmental Physiology. 4.

Studies and interprets principles of physiology which adapt animals to various environmental constraints. Introduces the discipline which has risen between the traditional fields of physiology and ecology and provides an understanding of animal distribution and survival. Dual listed with ZOO 4190. Prerequisites: LIFE 2022 or LIFE 2023 and CHEM 1030 or CHEM 1060. (Offered spring semester)

Course Action Requested: *Edit prerequisites.*

*Departments should send one form per class to the college course committee.*

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Subject code:

ZOO

Number:

5300

Title:

Wildlife Ecology and Management

**REVIEWED**

*By Annette Suloff at 11:31 am, Apr 25, 2018*

Current course description and/or prerequisites:

5300. Wildlife Ecology and Management. 1-5 (Max. 6).

Concepts of vertebrate ecology integrated with the art of wildlife management, stressing approaches to deal with the inherent uncertainty of managing populations. Strategies to increase or decrease populations of target species, tools used to determine population status (e.g. viability analysis, monitoring, habitat assessment), and ecosystem management approaches are discussed. Lab included. Dual listed with ZOO 4300. Prerequisite: LIFE 3400.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

5300. Wildlife Ecology and Management. 5.

Concepts of vertebrate ecology integrated with the art of wildlife management, stressing approaches to deal with the inherent uncertainty of managing populations. Strategies to increase or decrease populations of target species, tools used to determine population status (e.g. viability analysis, monitoring, habitat assessment), and ecosystem management approaches are discussed. Lab included. Dual listed with ZOO 4300.

*Course Action Request notes: **Remove variable credit. Fix at 5.0 credit hours.***

*Departments should send one form per class to the college course committee.*

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Subject code:

ARE

Number:

3100

Title:

Civil and Architectural Engineering Practice

**REVIEWED**

*By Annette Suloff at 11:32 am, Apr 25, 2018*

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: Result of major curricular changes in 2014. The subject content is incorporated in ARE 2000 and ARE 3000.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar

Nov. 2017

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Subject code:

ARE

Number:

3210

**REVIEWED**

**By Annette Suloff at 11:34 am, Apr 25, 2018**

Title:

Civil Engineering Materials

Current course description and/or prerequisites:

**3210. Civil Engineering Materials. 3. [WB♦(none)]** Laboratory investigation and design of materials used in civil engineering: metals, masonry, concrete and timber. Non-destructive evaluation of materials. Analysis and presentation of data, including various types of written reports and oral presentations. Cross listed with CE 3210. *Prerequisites:* WA and ES 2410.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**3210. Civil Engineering Materials. 3. [WB♦COM3]** Laboratory investigation and design of materials used in civil engineering: metals, masonry, concrete and timber. Non-destructive evaluation of materials. Analysis and presentation of data, including various types of written reports and oral presentations. Cross listed with CE 3210. *Prerequisites:* COM2 and ES 2410.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Office of the Registrar  
Nov. 2017

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Subject code:

ARE

Number:

4490

Title:

Modeling and Optimization of Energy Systems

**REVIEWED**

**By Annette Suloff at 11:36 am, Apr 25, 2018**

Current course description and/or prerequisites:

Completion of the ME Success Curriculum, ARE/ME 3360 and 3400.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

ARE 3400.

*Departments should send one form per class to the college course committee.*

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Subject code:

ARE

**REVIEWED**

**By Annette Suloff at 11:36 am, Apr 25, 2018**

Number:

4720

Title:

Structural Systems Design Project

Current course description and/or prerequisites:

ARE 4200, 4250, 4260, and 4600 or concurrent enrollment.

Also: shown incorrectly as 4 credits.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

ARE 4200, 4250, and 4260 or concurrent enrollment.

Also: should be 3 credits.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

ARE

Number:

4740

Title:

Mechanical Systems Design Project

**REVIEWED**

*By Annette Suloff at 12:27 pm, Apr 25, 2018*

Current course description and/or prerequisites:

ARE 3400 and ARE 4430 or ARE 4490 or concurrent enrollment.

Also: shown incorrectly as 4 credits.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

ARE 3400 and concurrent enrollment in ARE 4430 or ARE 4490.

Also: should be 3 credits.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Office of the Registrar

Nov. 2017

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Subject code:

ATSC

**REVIEWED**

*By Annette Suloff at 12:27 pm, Apr 25, 2018*

Number:

5370

Title:

**Meteorological Instrumentation**

Current course description:

Physical principles of instruments, their response characteristics and their proper use. Error analysis and interpretation of data. Classical instruments. Introduction to modern methods and instrumentation. Remote sensing, such as by radar and lidar. Instrument systems, such as on aircraft, and remote platforms, such as satellites and buoys. Laboratory experience with a large variety of instruments will be part of the course

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Title: **Satellite Remote Sensing**

Basic principles of atmospheric remote sensing. Physical principles of remote sensing instruments, their response characteristics and their proper use. Error analysis and interpretation of data. Passive sensors, and active sensors such as radar and lidar. Hands-on experience with a large variety of instruments will be part of the course.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Nov. 2017

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Subject code:

CE

Number:

3100

**REVIEWED**

*By Annette Suloff at 12:27 pm, Apr 25, 2018*

Title:

Civil and Architectural Engineering Practice

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: Result of major curricular changes in 2014. The subject content is incorporated in CE 2000 and CE 3000.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Nov. 2017

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Subject code:

CE

**REVIEWED**

*By Annette Suloff at 1:56 pm, Apr 26, 2018*

Number:

3210

Title:

Civil Engineering Materials

Current course description and/or prerequisites:

**3210 [2210]. Civil Engineering Materials. 3. [WB♦COM3]** Laboratory investigation and design of materials used in civil engineering: metals, masonry, concrete and timber. Non-destructive evaluation of materials. Analysis and presentation of data, including various types of written reports and oral presentations. Cross listed with ARE 3210. *Prerequisites:* WA and ES 2410.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**3210 [2210]. Civil Engineering Materials. 3. [WB♦COM3]** Laboratory investigation and design of materials used in civil engineering: metals, masonry, concrete and timber. Non-destructive evaluation of materials. Analysis and presentation of data, including various types of written reports and oral presentations. Cross listed with ARE 3210. *Prerequisites:* COM2 and ES 2410.

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

CE

Number:

3900

Title:

Engineering Economics and Decision Making

**REVIEWED**

***By Annette Suloff at 1:56 pm, Apr 26, 2018***

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: Result of major curricular changes in 2014. The subject content is incorporated in CE 2000 and CE 3000.

*Departments should send one form per class to the college course committee.*

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Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

CE

Number:

5860

Title:

Soil Erosion and Conservation

**REVIEWED**

***By Annette Suloff at 1:56 pm, Apr 26, 2018***

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: Not offered in last ~10 years. Low student demand. Other subjects are a higher priority within the water group.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*



Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

CE

Number:

5620

**REVIEWED**

***By Annette Suloff at 1:56 pm, Apr 26, 2018***

Title:

Earth Retaining Structures and Slope Stability

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: Low student demand. New focus on leading-edge subjects within the geotechnical group.

*Departments should send one form per class to the college course committee.*

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on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

CE

Number:

5460

Title:

Industrial Waste Treatment

**REVIEWED**

***By Annette Suloff at 1:56 pm, Apr 26, 2018***

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: The Environmental Engineering Program is restructuring with a streamlined curriculum, as a result of recent Program Review process.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Office of the Registrar  
Nov. 2017

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Subject code:

CE

**REVIEWED**

*By Annette Suloff at 1:56 pm, Apr 26, 2018*

Number:

5455

Title:

Project Management for Environmental Engineering

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: The Environmental Engineering Program is restructuring with a streamlined curriculum, as a result of recent Program Review process.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Nov. 2017

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**REVIEWED**

***By Annette Suloff at 1:56 pm, Apr 26, 2018***

Subject code:

CE

Number:

5441

Title:

Solid Waste Engineering

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: The Environmental Engineering Program is restructuring with a streamlined curriculum, as a result of recent Program Review process.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Subject code:

CE

**REVIEWED**

*By Annette Suloff at 1:57 pm, Apr 26, 2018*

Number:

5425

Title:

Environmental Engineering Microbiology

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: The Environmental Engineering Program is restructuring with a streamlined curriculum, as a result of recent Program Review process.

*Departments should send one form per class to the college course committee.*

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Nov. 2017

Memo in lieu of CARF -  
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Subject code:

CE

Number:

5330

Title:

Design of Hydraulic Structures

**REVIEWED**

***By Annette Suloff at 9:38 am, May 03, 2018***

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: Not offered in last ~10 years. Low student demand. Other subjects are a higher priority within the water group.

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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to be effective for 2018-2019 *University Catalog*

Subject code:

CE

**REVIEWED**

*By Annette Suloff at 9:38 am, May 03, 2018*

Number:

5310

Title:

Hydraulics of Closed Conduits

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: Not offered in last ~10 years. Low student demand. Other subjects are a higher priority within the water group.

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

CE

**REVIEWED**

*By Annette Suloff at 9:38 am, May 03, 2018*

Number:

5260

Title:

Prestressed Concrete Design

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

This is redundant with CE 5265.

*Departments should send one form per class to the college course committee.*

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Nov. 2017

Memo in lieu of CARF -  
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Subject code:

CE

Number:

5000

Title:

Solid Mechanics I

**REVIEWED**

*By Annette Suloff at 9:38 am, May 03, 2018*

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

This was Cross listed with ME 5000, and taught by ME.

ME 5000 no longer exists.

*Departments should send one form per class to the college course committee.*

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Subject code:

CE

**REVIEWED**

***By Annette Suloff at 9:48 am, May 03, 2018***

Number:

4900

Title:

Comprehensive Design Experience

Current course description and/or prerequisites:

C or better in 3 of CE 3020, CE 3300, CE 3400, CE 3500, CE 3600, and C or better in one of CE 4250, CE 4260, CE 4610, CE 4555, CE 4510, CE 4580, CE 4400, or CE 4410, or instructor consent.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

3 of CE 3200, CE 3300, CE 3400, CE 3500, CE 3600, and one of CE 4250, CE 4260, CE 4610, CE 4555, CE 4510, CE 4400, CE 4410, or CE 4800.

*Departments should send one form per class to the college course committee.*

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Subject code:

CE

**REVIEWED**

*By Annette Suloff at 9:49 am, May 03, 2018*

Number:

4820

Title:

Groundwater and Drainage Engineering

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: The subject content is incorporated in CE 3000 and CE 4900, as a result of continuing efforts to make the curriculum more interdisciplinary.

*Departments should send one form per class to the college course committee.*

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Subject code:

CE

**REVIEWED**

***By Annette Suloff at 9:53 am, May 03, 2018***

Number:

4441

Title:

Solid Waste Engineering

Current course description and/or prerequisites:

**4441 [4440]. Solid Waste Engineering. 3.** Municipal solid waste characteristics and quantities, collection, landfills, processing of municipal solid waste, materials separation, combustion and energy recovery, and biochemical processes with an emphasis on materials flow. Integrated solid waste management principles are also discussed. Dual listed with CE 5441. Cross listed with ENVE 5441. *Prerequisites:* CHEM 1020 and CE 3400.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**4441 [4440]. Solid Waste Engineering. 3.** Municipal solid waste characteristics and quantities, collection, landfills, processing of municipal solid waste, materials separation, combustion and energy recovery, and biochemical processes with an emphasis on materials flow. Integrated solid waste management principles are also discussed. *Prerequisites:* CE 3400.

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

CE

**REVIEWED**

***By Annette Suloff at 9:53 am, May 03, 2018***

Number:

4350

Title:

Design of Hydraulic Engineering Systems

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: The subject content is incorporated in CE 3000 and CE 4900, as a result of continuing efforts to make the curriculum more interdisciplinary.

*Departments should send one form per class to the college course committee.*

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Subject code:

CE

Number:

4250

Title:

Structural Steel Design

**REVIEWED**

***By Annette Suloff at 9:57 am, May 03, 2018***

Current course description and/or prerequisites:

ARE/CE 3200 or concurrent enrollment.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

ARE/CE 3200.

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Subject code:

CE

**REVIEWED**

*By Annette Suloff at 9:59 am, May 03, 2018*

Number:

4100

Title:

Civil Engineering Applications in GIS

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: Not offered in last ~10 years. Low student demand. Not a required course. No faculty expertise in this subject.

*Departments should send one form per class to the college course committee.*

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Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:00 am, May 03, 2018*

Number:

5870

Title:

Mathematical Modeling of Processes

Current course description and/or prerequisites:

Introduction to techniques in the process of constructing mathematical models. Application of the techniques to areas such as petroleum reservoir simulation, chemical process industry operations and plant start-up

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course.

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:00 am, May 03, 2018*

Number:

5710

Title:

Advances in Fluidization Technology

Current course description and/or prerequisites:

Covers particle classification, hydrodynamics, advanced modeling strategies, and technical applications of fluidization.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course.

*Departments should send one form per class to the college course committee.*

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Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:00 am, May 03, 2018*

Number:

5530

Title:

Advanced Mass Transfer

Current course description and/or prerequisites:

Consideration of diffusional phenomena and processes. Topics include flux laws, diffusion coefficient prediction, steady and unsteady state diffusion in non-flowing systems (with and without chemical reaction), convective diffusion, and diffusion-based separation processes.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course.

*Departments should send one form per class to the college course committee.*

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Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:00 am, May 03, 2018*

Number:

5442

Title:

Advanced Fluid Mechanics

Current course description and/or prerequisites:

Introduction to inviscid and viscous hydrodynamic stability; closure in turbulent flows; vorticity and vortex dynamics; theoretical aerodynamics; numerical simulations of viscous flows; experimental methods in fluid flows.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course.

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

CHE

Number:

5190

**REVIEWED**

*By Annette Suloff at 10:07 am, May 03, 2018*

Title:

Polymetric Chemistry and Engineering

Current course description and/or prerequisites:

Title spelling correction only

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Course title is misspelled. Should be "Polymeric Chemistry and Engineering."

*Departments should send one form per class to the college course committee.*

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Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:08 am, May 03, 2018*

Number:

5180

Title:

Molecular Biophysics

Current course description and/or prerequisites:

Organized into five sections that cover 1) Confrontation of biopolymers 2) Dynamics of biopolymers 3) Hydration of biopolymers 4) Biopolymers as poly-electrolytes and 5) Association between molecules with topics to include equilibrium studies and ligand/receptor binding and linkage.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course.

*Departments should send one form per class to the college course committee.*

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Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:08 am, May 03, 2018*

Number:

5170

Title:

Polymeric Materials Synthesis

Current course description and/or prerequisites:

An introduction to polymer technology, with emphasis on the synthesis of polymeric materials and the polymerization processes. Applications will cover commodity polymers such as polyolefins, and advanced materials, such as nanomaterials, aerospace materials and biomaterials for drug delivery, artificial skin and organs.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course. A similar course, CHE 5190 Polymeric Chemistry and Engineering, is being taught.

*Departments should send one form per class to the college course committee.*

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CHE

**REVIEWED**

*By Annette Suloff at 10:11 am, May 03, 2018*

Number:

5150

Title:

Topics in Chemical Engineering

Current course description and/or prerequisites:

Selected topics in chemical engineering. Cross listed with PETE 5150. *Prerequisite:* consent of instructor.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Selected topics in chemical engineering. *Prerequisite:* consent of instructor.

Rationale: The cross-listing with PETE 5150 is eliminated to reflect the separation of Chemical Engineering and Petroleum Engineering into separate departments

*Departments should send one form per class to the college course committee.*

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Subject code:

CHE

**REVIEWED**

***By Annette Suloff at 10:11 am, May 03, 2018***

Number:

5140

Title:

Computational Methods I

Current course description and/or prerequisites:

First semester of a three semester computational series. Review of iterative solutions of linear and nonlinear systems of equations, polynomial interpolation/approximation, numerical integration and differentiation, and basic ideas of Monte Carlo methods. Comparison of numerical techniques for programming space and time requirements, as well as convergence and stability. Identical to COSC 5310 and MATH 5310.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach a Chemical Engineering version of this course. Students can take COSC/MATH 5310.

*Departments should send one form per class to the college course committee.*

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Subject code:

CHE

Number:

5130

Title:

Staged Operations

**REVIEWED**

*By Annette Suloff at 10:11 am, May 03, 2018*

Current course description and/or prerequisites:

Thermodynamic and mathematical analysis of stagewise mass transfer operations. Distillation, absorption, and extraction are discussed.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course.

*Departments should send one form per class to the college course committee.*

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Subject code:

CHE

**REVIEWED**

***By Annette Suloff at 10:12 am, May 03, 2018***

Number:

5070

Title:

Multiphase Flow

Current course description and/or prerequisites:

A thorough background in the methods of analysis and current developments in gas-liquid, gas-solid, liquid-solid, and gas-liquid-solid flows. Introduction to multiphase flow instrumentation. Identical to PETE 5070.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. This is primarily a Petroleum Engineering course and there are no plans to teach a Chemical Engineering version of this course.

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Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:12 am, May 03, 2018*

Number:

5050

Title:

Structure and Properties of Porous Media

Current course description and/or prerequisites:

Introduction to porous materials, pore structure and mineralogy of reservoir rocks. Fundamentals of porosity, permeability, and capillary properties of porous materials. Application to hydrocarbon reservoirs. Cross listed with PETE 5050.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. This is primarily a Petroleum Engineering course and there are no plans to teach a Chemical Engineering version of this course.

*Departments should send one form per class to the college course committee.*

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Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:12 am, May 03, 2018*

Number:

5045

Title:

Reactor Design

Current course description and/or prerequisites:

Examines reactor design techniques, including use of thermodynamics, kinetics, heat transfer, and mass transfer.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course. A similar course, CHE 5030 Reaction Kinetics, is taught every year.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:12 am, May 03, 2018*

Number:

4340

Title:

Numerical Analysis

Current course description and/or prerequisites:

Considers computer methods and their accuracy for applied mathematics. Topics include machine arithmetic, analysis of rounding error, solution methods for linear systems and nonlinear equations, interpolations, numerical differentiation and numerical solution of differential equations. Includes some programming.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Office of the Registrar  
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Subject code:

CHE

Number:

4170

Title:

Polymeric Materials Synthesis

**REVIEWED**

**By Annette Suloff at 10:12 am, May 03, 2018**

Current course description and/or prerequisites:

An introduction to polymer technology, with emphasis on the synthesis of polymeric materials and the polymerization processes. Applications will cover commodity polymers such as polyolefins, and advanced materials, such as nanomaterials, aerospace materials and biomaterials for drug delivery, artificial skin and organs.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course. A similar course, CHE 4190 Polymeric Materials: Characterization and Properties, is being taught.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Office of the Registrar  
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Subject code:

CHE

Number:

4110

Title:

Air Pollution for Chemical Engineers

**REVIEWED**

*By Annette Suloff at 10:12 am, May 03, 2018*

Current course description and/or prerequisites:

Focuses on strategies and technologies for complying with air pollution control regulations. Introduces atmospheric mixing and dispersion modeling to describe impact of process air emissions on the environment. Examines chemistries of pollutant production and atmospheric fate of air pollutants.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. There are no plans to teach this course.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

CHE

Number:

3070

Title:

Process Simulation and Economics

**REVIEWED**

*By Annette Suloff at 10:18 am, May 03, 2018*

Current course description and/or prerequisites:

*Prerequisites:* C- or better in CHE 3015, and CHE 3026 and concurrent enrollment in CHE 3028.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Prerequisites:* C- or better in CHE 2005, CHE 3015, and CHE 3026 and concurrent enrollment in CHE 3028.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

CHE

**REVIEWED**

***By Annette Suloff at 10:18 am, May 03, 2018***

Number:

3030

Title:

Unit Operations

Current course description and/or prerequisites:

Applies transport and equilibrium concepts and models to the analysis and design of unit operations, such as distillation, absorption, extraction, crystallization, membrane, and heat transfer processes.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. This course has been replaced in the curriculum by CHE 3028 Mass Transfer.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

CHE

**REVIEWED**

*By Annette Suloff at 10:26 am, May 03, 2018*

Number:

3028

Title:

Mass Transfer

Current course description and/or prerequisites:

*Prerequisites:* C- or better in CHE 2060, and CHE 2080 or ES 2330.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Prerequisites:* C- or better in CHE 2005, CHE 2060, and CHE 2080 or ES 2330.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

CHE

Number:

3025

Title:

Transport Phenomena

**REVIEWED**

*By Annette Suloff at 10:26 am, May 03, 2018*

Current course description and/or prerequisites:

Introduces energy and mass transfer concepts and the development of mathematical models of physical phenomena, including convection, diffusion, conduction, and radiation, applicable to the analysis and design of chemical processes.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue course. This course has been replaced in the curriculum by CHE 3026 Heat Transfer.

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

Number:

1030

Title:

Computer Science I

**REVIEWED**

**By Annette Suloff at 10:34 am, May 03, 2018**

Current course description and/or prerequisites:

Continues the introduction from COSC 1010 to the methodology of programming from an object-oriented perspective. Through the study of object design, introduces the basics of human-computer interfaces, the social implications of computing, with an emphasis on software engineering.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Continues the introduction to the methodology of programming from an object-oriented perspective. The course emphasizes basic software design, expands the students' knowledge of programming language syntax, expands the students' ability to think and design in an object-oriented paradigm. Introduces the students to UML, pseudocode, and simple planning for the design of software. Also introduces the students to templates and the C++ STL. *Prerequisite:* COSC 1010

Course is NOT cross-listed.

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

Number:

3050

Title:

Ethics for the Computer Professional

**REVIEWED**

***By Annette Suloff at 10:40 am, May 03, 2018***

Current course description and/or prerequisites:

The proliferation of computers has had a profound effect on our society. Computing professionals must be aware of the social and ethical implications of our activities. Examines the codes of behavior related to computer science through readings, discussions and case studies. Prerequisite: COSC 2030.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Prerequisites:* Junior standing and Computer Science major.

Course is NOT cross-listed.

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

Number:

3750

**REVIEWED**

*By Annette Suloff at 10:42 am, May 03, 2018*

Title:

Linux Programming for System Applications

Current course description and/or prerequisites:

Provide the necessary tools and skills to begin programming effectively on UNIX and Linux operating systems. Topics will include, shells and basic shell scripting, Linux utilities, editors, compilation, I/O and the file system, sockets and inter-process communication, and, time permitting, threads. *Prerequisite:* COSC 3020.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Prerequisites:* COSC 2150 and COSC 2030.

Course is NOT cross-listed.

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

**REVIEWED**

*By Annette Suloff at 10:43 am, May 03, 2018*

Number:

4350

Title:

System Simulation

Current course description and/or prerequisites:

Introduces simulation and comparison with other techniques. Studies discrete simulation models, and introduction to, or review of, queuing theory and stochastic processes. Compares discrete change simulation languages. Examines simulation methodology including generation of random numbers and variates, design of simulation experiments for optimization, analysis of data generated by simulation experiments, and validation of simulation models and results. Selected applications of simulation. Dual listed with COSC 5350. *Prerequisites:* COSC 3020; MATH 4250 or STAT 2010.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Course should be discontinued.

Rationale: This was an elective course in computer science that has not been offered in a number of years. Moreover, the course does not fit well with current faculty interests, as some faculty have retired and new ones have been hired in their place.

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

Number:

4730

Title:

Mobile Application Programming

**REVIEWED**

*By Annette Suloff at 10:50 am, May 03, 2018*

Current course description and/or prerequisites:

Studies systems programming languages and computer systems design. Includes interacting processes, main storage management, procedure and data sharing, scheduling, deadlock problems and file management in batch processing and multi-programming systems. Operating system implementation. Prerequisite: COSC 3020.

Proposed new course description and/or prerequisites, or rationale for

Change of prerequisite: COSC 3011 and COSC 3020

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

**REVIEWED**

*By Annette Suloff at 10:53 am, May 03, 2018*

Number:

4740

Title:

Operating Systems Design

Current course description and/or prerequisites:

Studies systems programming languages and computer systems design. Includes interacting processes, main storage management, procedure and data sharing, scheduling, deadlock problems and file management in batch processing and multi-programming systems. Operating system implementation. Prerequisite: COSC 3020.

Proposed new course description and/or prerequisites, or rationale for

Change of prerequisite: COSC 2150 and COSC 3020

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

**REVIEWED**

*By Annette Suloff at 2:26 pm, Apr 13, 2018*

Number:

4760

Title:

Computer Networks

Current course description and/or prerequisites:

Examines TCP/IP network protocols and implementation in depth, from the perspective of the link, network, transport, and application layers. Discusses problems and current solutions regarding the efficient use of network resources in the global, multi-media internet. *Prerequisite:* COSC 2030.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Examines network protocols using a top-down approach based on the Internet model. Course focuses on the application, transport, network and link layers. Also covers wireless communication. Discusses problems and current solutions regarding the efficient use of network resources in the global, multi-media Internet.  
*Prerequisites:* COSC 2150 and COSC 2030

Course is NOT cross-listed.

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

Number:

4785

Title:

Compiler Construction I

**REVIEWED**

**By Annette Suloff at 2:18 pm, Apr 13, 2018**

Current course description and/or prerequisites:

Theory and implementation of interpreters and compilers. Compiler topics include lexical analysis, top-down and bottom-up parsing methods, symbol tables, and code generation from a block-structured language with recursion and parameters. Project uses compiler writing tools. Dual listed with COSC 5785. *Prerequisite:* COSC 3020.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Prerequisites:* COSC 2150 and COSC 3020.

Course is dual listed with COSC 5785.

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

**REVIEWED**

*By Annette Suloff at 10:53 am, May 03, 2018*

Number:

4790

Title:

Programming Language Processors

Current course description and/or prerequisites:

Discusses principles and design aspects of programming language processors, including interpreters and compilers. Emphasizes components of compiled system, such as scanner, parser, symbol table, code generation, optimization, linking and loading. Uses compiler generation tools. *Prerequisite*: COSC 4780.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Course should be discontinued.

Rationale: This was an elective course in computer science that has not been offered in a number of years. Moreover, the course does not fit well with current faculty interests, as some faculty have retired and new ones have been hired in their place.

*Departments should send one form per class to the college course committee.*

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Subject code:

COSC

Number:

4820

Title:

Database Systems

**REVIEWED**

**By Annette Suloff at 2:22 pm, Apr 13, 2018**

Current course description and/or prerequisites:

Provides comprehensive coverage of the problems involved in database design, in-depth coverage of data models and database languages. Students acquire practical skills of conceptual/logical database design and general familiarity with the problems and issues of database management. *Prerequisite:* COSC 3020.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Provides comprehensive coverage of the problems involved in database design, in-depth coverage of data models and database languages. Students acquire practical skills of conceptual/logical database design and general familiarity with the problems and issues of database management. *Prerequisite:* COSC 2030.

Rationale: The COSC department is updating the curriculum, and COSC 3020 and COSC 2030 are being redesigned in such a way that the material required for this class will be taught in 2030 instead of 3020.

*Departments should send one form per class to the college course committee.*

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Subject code:

EE

**REVIEWED**

*By Annette Suloff at 11:16 am, Apr 16, 2018*

Number:

2220

Title:

Circuits and Signals

Current course description and/or prerequisites:

Review of sinusoidal steady state analysis and ac power. Mutual inductance and linear transformers. Laplace transform. Laplace transform in circuit analysis. Frequency dependent circuits, including RLC circuit resonance. Magnitude and phase response, complex poles and zeros. Bode plots. Filter circuit fundamentals. Fourier series. Laboratory. Prerequisite: ES 2210. (Offered spring semester only)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Review of sinusoidal steady state analysis and ac power. Mutual inductance and linear transformers. Laplace transform. Laplace transform in circuit analysis. Frequency dependent circuits, including RLC circuit resonance. Magnitude and phase response, complex poles and zeros. Bode plots. Filter circuit fundamentals. Fourier series. Laboratory. *Prerequisite:* ES 2210 or ES 2215 AND ES 2216. (Offered spring semester only)

*Departments should send one form per class to the college course committee.*

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Subject code:

EE

Number:

3150

Title:

Electromagnetics

**REVIEWED**

*By Annette Suloff at 10:59 am, Apr 11, 2018*

Current course description and/or prerequisites:

ES2210, MATH 2210, and PHYS 1220 or concurrent enrollment

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

ES2210 or ES2215 AND ES2216, MATH 2210, and PHYS 1220 or concurrent enrollment

*Departments should send one form per class to the college course committee.*

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Subject code:

EE

Number:

3510

Title:

Electric Machines and Power Systems

**REVIEWED**

*By Annette Suloff at 11:26 am, Apr 16, 2018*

Current course description and/or prerequisites:

ES2210

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

ES2210 or ES2215 AND ES2216

Note: A full CARF for this course is also under review. This updates that CARF to include the change in prerequisites from just ES2210 to ES2210 or ES2215 AND ES2216.

*Departments should send one form per class to the college course committee.*

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Subject code:

EE

Number:

4820

Title:

Senior Design I

**REVIEWED**

***By Annette Suloff at 11:31 am, Apr 16, 2018***

Current course description and/or prerequisites:

EE 2220, EE 2390, and EE 3310 or concurrent enrollment, plus 6 hours of 4000 level EE/BE classes, or concurrent enrollment.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

EE 2220, EE 2390, and EE 3310 or concurrent enrollment, plus 6 hours of 4000 level EE/BE classes, or concurrent enrollment. COM2 must be passed with a C or better grade.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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**REVIEWED**

*By Annette Suloff at 2:05 pm, Apr 13, 2018*

Subject code:

EE

Number:

4870

Title:

Network Hardware

Current course description and/or prerequisites:

Study of Computer Network hardware architecture, design and functionality. The course addresses IEEE wired and wireless network architectures, routers, gateways and other network components. System administration of Windows NT and 2000 based networks forms an important component of the course. Laboratory sessions include commercial hardware and performance analysis through simulations.

**Proposed new course description and/or prerequisites, or rationale for**

**discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)**

Basic LANs, Ethernet LAN architecture, and classical Ethernet CSMA/CD MAC protocol. 10Mbps, 100 Mbps, and gigabit Ethernet architecture. Introduction to switching, queuing theory, architecture, design and performance analysis of switch fabrics. Architecture, design, algorithms and performance analysis of Routing. Cellular Networks. TCP/IP Protocol.

*Departments should send one form per class to the college course committee.*

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Subject code:

ENVE

**REVIEWED**

*By Annette Suloff at 10:55 am, May 03, 2018*

Number:

5425

Title:

Environmental Engineering Microbiology

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: The Environmental Engineering Program is restructuring with a streamlined curriculum, as a result of recent Program Review process.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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*Approved changes will be made in 2018-2019 University Catalog.*

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Nov. 2017

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Subject code:

ENVE

Number:

5441

Title:

Solid Waste Engineering

**REVIEWED**

***By Annette Suloff at 10:55 am, May 03, 2018***

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue.

Rationale: The Environmental Engineering Program is restructuring with a streamlined curriculum, as a result of recent Program Review process.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 10:55 am, May 03, 2018*

Number:

2050

Title:

**Fundamentals of Petroleum Engineering**

Current course description and/or prerequisites:

General introduction to petroleum engineering, including physical properties of reservoir rock, single phase fluid flow through porous media, surface forces, fluid saturation's, drilling fundamentals, methods of production, completion technology and petroleum reservoir field data.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*General introduction to petroleum engineering, including petroleum geology, exploration, reservoir rocks, and fluid flow through porous media, drilling fundamentals, completion technology, well logging and testing, methods of production, stimulation methods, enhanced oil recovery, reserves and economics.*

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

**PETE**

Number:

**3025**

**REVIEWED**

**By Annette Suloff at 11:53 am, Apr 16, 2018**

Title:

**Transport Phenomena**

Current course description and/or prerequisites:

Cross-list: CHE 3025

Pre-Reqs: C or better in ES 2330 and CHE 2005

Desc: Introduces energy and mass transfer concepts and the development of mathematical models of physical phenomena, including convection, diffusion, conduction and radiation, applicable to the analysis and design of chemical processes.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Title:** ***Heat and Mass Transfer***

**Cross-list:** *none*

**Pre-Reqs:** *C or better in ES 2330 and MATH 2310. Student must be a Petroleum Engineering major.*

**Desc:** *Introduces energy and mass transfer concepts and the development of mathematical models of physical phenomena, including convection, conduction, radiation, and mass diffusion and convection.*

*Departments should send one form per class to the college course committee.*

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Office of the Registrar

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Subject code:

PETE

Number:

3030

Title:

Unit Operations

**REVIEWED**

*By Annette Suloff at 12:08 pm, Apr 16, 2018*

Current course description and/or prerequisites:

Cross-list to CHE 3030

Pre-Reqs CHE 2005, 3015, and 3025

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Cross-list:* none

*Pre-Reqs:* PETE 2050, 3015, 3025

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

PETE

Number:

3255

Title:

Basic Drilling Engineering

**REVIEWED**

*By Annette Suloff at 12:21 pm, Apr 16, 2018*

Current course description and/or prerequisites:

C or better in CHE 2050; Students must be a Petroleum Engineering major.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Pre-Req: C or better in PETE 2050; Student must be a Petroleum Engineering major.*

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

PETE

Number:

3265

**REVIEWED**

*By Annette Suloff at 12:25 pm, Apr 16, 2018*

Title:

**Drilling Fluids Laboratory**

Current course description and/or prerequisites:

Measurements of physical and chemical properties of drilling fluids. Includes experiments on mud rheological properties, mud weight, water loss, mud contaminants and their treatments. Includes processing and interpretation of data and writing technical reports of their work.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Measurement of physical and chemical properties of drilling fluids, including experiments on mud density control, viscosity control, rheological properties, mud hydraulics, filtration properties, mud contaminants and their treatments. Includes design of experiments, data processing, interpretation and writing technical reports.*

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

**By Annette Suloff at 12:27 pm, Apr 16, 2018**

Subject code:

PETE

Number:

3715

Title:

**Production Engineering**

Current course description and/or prerequisites:

Provides elements for design and analysis of surface production processes, including fluid separation, pumping and compression, measurement and treatment of production fluids, basic design of artificial lift system, and analysis and optimization of production systems.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Provides elements for calculating the production rate of oil or gas wells, including reservoir inflow performance, which is determined by the reservoir rock and fluids properties and calculated based on Darcy's law, and tubing performance, which is determined by tubing parameters and calculated based on Newtonian dynamics. Basic design of artificial lift systems, reservoir stimulations and optimization of production systems are also included.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

3725

**REVIEWED**

*By Annette Suloff at 12:30 pm, Apr 16, 2018*

Title:

Well Bore Operations

Current course description and/or prerequisites:

Covers many facets of completion and intervention technology. The material progresses through each of the major design, diagnostic and intervention technologies, ending with effect of operations on surface facilities and finally plug and abandonment requirements.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**\*\*Change in Title\*\* Well Completions**

*Covers many facets of completion and intervention in oil and gas wells, including design and procedures to meet deliverability, safety, and integrity, starting with completion, stimulation, workover, and intervention, ending with plug and abandonment requirements.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

3900

**REVIEWED**

*By Annette Suloff at 9:34 am, Apr 18, 2018*

Title:

**Undergraduate Research**

Current course description and/or prerequisites:

Students carry out research appropriate to undergraduates, under faculty supervision. May be taken more than once.

Junior standing in Petroleum Engineering or consent of instructor.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Add to description: Requires a written research proposal to be approved by instructor prior to course start.*

*Pre-Req: Junior standing as a petroleum engineering major AND consent of instructor.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

4060

**REVIEWED**

*By Annette Suloff at 10:58 am, May 03, 2018*

Title:

**Flow through** Porous Media

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Correct title only**

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 11:03 am, May 03, 2018*

Number:

4250

Title:

**Drilling Engineering**

Current course description and/or prerequisites:

Pre-Req: PETE 2050.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Pre-Req:* PETE 3255

*Dual-list:* PETE 5255

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

4810

Title:

Unconventional Gas Production

**REVIEWED**

*By Annette Suloff at 11:07 am, May 03, 2018*

Current course description and/or prerequisites:

Pre-Req: graduate status or consent of instructor.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Pre-Req: Consent of Instructor.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 11:08 am, May 03, 2018*

Number:

4850

Title:

**Shale Reservoir Development**

Current course description and/or prerequisites:

**\*\*Wrong course number was assigned as this is to be a dual-listed course.**

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Correct Course number** to PETE 4800

**Dual list** to (new course) PETE 5800

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 11:08 am, May 03, 2018*

Number:

4970

Title:

**Internship in Petroleum Engineering**

Current course description and/or prerequisites:

Enables credit for students in appropriate engineering activities while serving as interns in an industrial, government, or other setting.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Description:* Enables credit for students in appropriate engineering activities while serving as interns in an industrial, government, or other setting. *Requires a written project proposal to be approved by instructor prior to course start.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

4990

**REVIEWED**

*By Annette Suloff at 12:56 pm, May 03, 2018*

Title:

**Topics in Petroleum Engineering**

Current course description and/or prerequisites:

Features topics not included in regularly offered classes. Section I is individual study. Other sections are group study by seminar or in class format.

Prerequisites: PETE 2050 or concurrent enrollment.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Description:* Features topics or electives not included in regularly offered classes.

Prerequisites: Student must be a Petroleum Engineering major.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5010

Title:

**Transport Phenomena**

**REVIEWED**

***By Annette Suloff at 1:00 pm, May 03, 2018***

Current course description and/or prerequisites:

Prerequisite: ES 2330, MATH 2310, and graduate standing in Chemical or Petroleum Engineering.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerequisite: Graduate standing.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 1:08 pm, May 03, 2018*

Number:

5015

Title:

Secondary Recovery

Current course description and/or prerequisites:

Prerequisite: PETE 3200. Graduate standing.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerequisite: Graduate standing.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 1:13 pm, May 03, 2018*

Number:

5020

Title:

Thermodynamics

Current course description and/or prerequisites:

Desc: Examines molecular thermodynamics of pure materials and mixtures, including phase equilibria and the use of equations of state.

Prereq: ES 2310 or CHEM 4505.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Course Title:** Process Thermodynamics

**Desc:** Utilizing the laws of thermodynamics to a wide variety of process applications. Evaluating current methods for predicting thermodynamic properties of pure fluids and mixtures. Modeling multiphase, multicomponent equilibria.

**Prereq:** Graduate standing, and either an undergraduate-level course in Thermodynamics or consent of the instructor.

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PETE

**REVIEWED**

*By Annette Suloff at 1:19 pm, May 03, 2018*

Number:

5030

Title:

Reaction Kinetics

Current course description and/or prerequisites:

Prerequisite: CHE 4060.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerequisite: Graduate standing or consent of the instructor.

*Departments should send one form per class to the college course committee.*

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PETE

**REVIEWED**

*By Annette Suloff at 1:25 pm, May 03, 2018*

Number:

5045

Title:

Reactor Design

Current course description and/or prerequisites:

Prerequisite: CHE 4060.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerequisite: Graduate standing or consent of the instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 9:45 am, May 04, 2018*

Number:

5060

Title:

Flow through Porous Media

Current course description and/or prerequisites:

Prerq: PETE 3200 and graduate standing.

Cross list: PETE 4060

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Cross list: PETE 4060

**Correct Title Also**

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 9:53 am, May 04, 2018*

Number:

5070

Title:

**Multiphase Flow**

Current course description and/or prerequisites:

A thorough background in the methods of analysis and current developments in gas-liquid, gas-solid, liquid-solid, and gas-liquid-solid flows. Introduction to multiphase flow instrumentation.

Identical to CHE 5070.

Prerequisite: ME 3360 or CHE 3020. Graduate standing.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

A thorough background in the methods of analysis and current developments in gas-liquid, gas-solid, liquid-solid, and gas-liquid-solid flows. Introduction to multiphase flow instrumentation.

Prerequisite: Graduate standing or consent of the instructor.

*Departments should send one form per class to the college course committee.*

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PETE

**REVIEWED**

*By Annette Suloff at 10:05 am, May 04, 2018*

Number:

5100

Title:

Topics

Current course description and/or prerequisites:

Prerequisite: consent of instructor.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Course Title Change: Independent Study

Prerequisite: Graduate standing and consent of instructor.

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Subject code:

PETE

Number:

5140

Title:

Computational Methods

**REVIEWED**

*By Annette Suloff at 10:19 am, May 04, 2018*

Current course description and/or prerequisites:

Prereq: MATH 3310, COSC 1010.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Cross List:** none

**Prereq:** Graduate standing.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5150

**REVIEWED**

*By Annette Suloff at 10:23 am, May 04, 2018*

Title:

Topics in Chemical Engineering

Current course description and/or prerequisites:

Prerq: Consent of Instructor

Cross list: CHE 5150

Description: Selected topics in chemical engineering.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Cross list: none

Title Correction: Topics in Petroleum Engineering

Description: Selected topics in Petroleum engineering.

The current course title and cross listing reflect the former combined department structure. This is a standalone course in the Petroleum department now.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5215

Title:

Rock Mechanics

**REVIEWED**

***By Annette Suloff at 11:15 am, May 04, 2018***

Current course description and/or prerequisites:

Prerq: ES 2330 and 2410

Cross list: PETE 5215

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Cross list: PETE 4215

Description:

The current prerequisites and dual list entry were copied directly from PETE 4215 and not corrected for the graduate level course.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 11:17 am, May 04, 2018*

Number:

5255

Title:

Advanced Drilling Engineering

Current course description and/or prerequisites:

Prereq: PETE 4250.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Dual List:** PETE 4250

**Prereq:** Graduate standing.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5300

Title:

Reservoir Simulation

**REVIEWED**

*By Annette Suloff at 11:19 am, May 04, 2018*

Current course description and/or prerequisites:

Prerq: PETE 3200, MATH 2210, MATH 4440

Dual list: PETE 5300

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Dual list: PETE 4300

The current prerequisites and dual list entry were copied directly from PETE 4300 and not corrected for the graduate level course.

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 12:25 pm, May 08, 2018*

Number:

5310

Title:

Fundamentals of EOR

Current course description and/or prerequisites:

Prerq: PETE 3200

Dual list: PETE 4310

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Dual list: PETE 4310

Description:

The current prerequisites entry was copied directly from PETE 4310 and not corrected for the graduate level course.

*Departments should send one form per class to the college course committee.*

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Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

PETE

Number:

5355

Title:

Mathematical Methods in Chemical Engineering

**REVIEWED**

*By Annette Suloff at 12:45 pm, May 08, 2018*

Current course description and/or prerequisites:

Prerq: MATH 2210, CHE/PETE 3025 or equivalent.

Cross list: CHE 5355

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Cross list: CHE 5355

Title Correction: Mathematical Methods

Description:

The current course title reflects the former combined department structure.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 12:57 pm, May 08, 2018*

Number:

5600

Title:

Air Pollution Control

Current course description and/or prerequisites:

Prereq: CHEM 1060 or 1030, MATH 2310.

Cross list: CHE 5600

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** Graduate standing.

Cross List: none

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 1:01 pm, May 08, 2018*

Number:

5810

Title:

Unconventional Gas Production

Current course description and/or prerequisites:

Prereq: graduate status

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** Graduate standing or consent of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

***By Annette Suloff at 1:08 pm, May 08, 2018***

Number:

5830

Title:

Thermal Recovery

Current course description and/or prerequisites:

Prereq: Senior standing in petroleum or chemical engineering. Graduate standing.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** Graduate standing or consent of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

**REVIEWED**

*By Annette Suloff at 1:14 pm, May 08, 2018*

Number:

5840

Title:

Miscible Processes

Current course description and/or prerequisites:

Prereq: PETE 4010, 5310

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** PETE 5310 and Graduate standing or consent of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5850

Title:

Chemical Enhanced Oil Recovery Processes

**REVIEWED**

**By Annette Suloff at 12:43 pm, Apr 13, 2018**

Current course description and/or prerequisites:

Prereq: consent of instructor

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** Graduate standing.

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

PETE

Number:

5890

Title:

Chemical and Petroleum Engineering Seminar

**REVIEWED**

*By Annette Suloff at 12:21 pm, Apr 11, 2018*

Current course description and/or prerequisites:

Prerq: Graduate Standing

Cross list: CHE 5890

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Cross list: none

Title Correction: Petroleum Engineering Seminar

The current course title and cross listing reflect the former combined department structure.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE OF PG. 293

Number:

2050

Title:

**Fundamentals of Petroleum Engineering**

Current course description and/or prerequisites:

General introduction to petroleum engineering, including physical properties of reservoir rock, single phase fluid flow through porous media, surface forces, fluid saturation's, drilling fundamentals, methods of production, completion technology and petroleum reservoir field data.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*General introduction to petroleum engineering, including petroleum geology, exploration, reservoir rocks, and fluid flow through porous media, drilling fundamentals, completion technology, well logging and testing, methods of production, stimulation methods, enhanced oil recovery, reserves and economics.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 294

Number:

3025

Title:

Transport Phenomena

Current course description and/or prerequisites:

Cross-list: CHE 3025

Pre-Reqs: C or better in ES 2330 and CHE 2005

Desc: Introduces energy and mass transfer concepts and the development of mathematical models of physical phenomena, including convection, diffusion, conduction and radiation, applicable to the analysis and design of chemical processes.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Title:** *Heat and Mass Transfer*

**Cross-list:** *none*

**Pre-Reqs:** *C or better in ES 2330 and MATH 2310. Student must be a Petroleum Engineering major.*

**Desc:** *Introduces energy and mass transfer concepts and the development of mathematical models of physical phenomena, including convection, conduction, radiation, and mass diffusion and convection.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 295

Number:

3030

Title:

Unit Operations

Current course description and/or prerequisites:

Cross-list to CHE 3030

Pre-Reqs CHE 2005, 3015, and 3025

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Cross-list:* none

*Pre-Reqs:* PETE 2050, 3015, 3025

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 296

Number:

3255

Title:

**Basic Drilling Engineering**

Current course description and/or prerequisites:

C or better in CHE 2050; Students must be a Petroleum Engineering major.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Pre-Req: C or better in PETE 2050; Student must be a Petroleum Engineering major.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 297

Number:

3265

Title:

Drilling Fluids Laboratory

Current course description and/or prerequisites:

Measurements of physical and chemical properties of drilling fluids. Includes experiments on mud rheological properties, mud weight, water loss, mud contaminants and their treatments. Includes processing and interpretation of data and writing technical reports of their work.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Measurement of physical and chemical properties of drilling fluids, including experiments on mud density control, viscosity control, rheological properties, mud hydraulics, filtration properties, mud contaminants and their treatments. Includes design of experiments, data processing, interpretation and writing technical reports.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 298

Number:

3715

Title:

**Production Engineering**

Current course description and/or prerequisites:

Provides elements for design and analysis of surface production processes, including fluid separation, pumping and compression, measurement and treatment of production fluids, basic design of artificial lift system, and analysis and optimization of production systems.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Provides elements for calculating the production rate of oil or gas wells, including reservoir inflow performance, which is determined by the reservoir rock and fluids properties and calculated based on Darcy's law, and tubing performance, which is determined by tubing parameters and calculated based on Newtonian dynamics. Basic design of artificial lift systems, reservoir stimulations and optimization of production systems are also included.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 299

Number:

3725

Title:

Well Bore Operations

Current course description and/or prerequisites:

Covers many facets of completion and intervention technology. The material progresses through each of the major design, diagnostic and intervention technologies, ending with effect of operations on surface facilities and finally plug and abandonment requirements.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**\*\*Change in Title\*\* Well Completions**

*Covers many facets of completion and intervention in oil and gas wells, including design and procedures to meet deliverability, safety, and integrity, starting with completion, stimulation, workover, and intervention, ending with plug and abandonment requirements.*

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Subject code:

PETE

DUPLICATE PG 300

Number:

3900

Title:

Undergraduate Research

Current course description and/or prerequisites:

Students carry out research appropriate to undergraduates, under faculty supervision. May be taken more than once.

Junior standing in Petroleum Engineering or consent of instructor.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Add to description: Requires a written research proposal to be approved by instructor prior to course start.*

*Pre-Req: Junior standing as a petroleum engineering major AND consent of instructor.*

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Subject code:

PETE

DUPLICATE PG 301

Number:

4060

Title:

Flow through Porous Media

Current course description and/or prerequisites:

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Correct title only**

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

4250

DUPLICATE PG 302

Title:

Drilling Engineering

Current course description and/or prerequisites:

Pre-Req: PETE 2050.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Pre-Req:* PETE 3255

*Dual-list:* PETE 5255

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

4810

DUPLICATE PG 303

Title:

**Unconventional Gas Production**

Current course description and/or prerequisites:

Pre-Req: graduate status or consent of instructor.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Pre-Req: Consent of Instructor.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 304

Number:

4850

Title:

Shale Reservoir Development

Current course description and/or prerequisites:

**\*\*Wrong course number was assigned as this is to be a dual-listed course.**

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Correct Course number** to PETE 4800

**Dual list** to (new course) PETE 5800

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 305

Number:

4970

Title:

**Internship in Petroleum Engineering**

Current course description and/or prerequisites:

Enables credit for students in appropriate engineering activities while serving as interns in an industrial, government, or other setting.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Description:* Enables credit for students in appropriate engineering activities while serving as interns in an industrial, government, or other setting. *Requires a written project proposal to be approved by instructor prior to course start.*

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 306

Number:

4990

Title:

**Topics in Petroleum Engineering**

Current course description and/or prerequisites:

Features topics not included in regularly offered classes. Section I is individual study. Other sections are group study by seminar or in class format.

Prerequisites: PETE 2050 or concurrent enrollment.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Description:* Features topics or electives not included in regularly offered classes.

Prerequisites: Student must be a Petroleum Engineering major.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5010

DUPLICATE PG 307

Title:

**Transport Phenomena**

Current course description and/or prerequisites:

Prerequisite: ES 2330, MATH 2310, and graduate standing in Chemical or Petroleum Engineering.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerequisite: Graduate standing.

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Subject code:

PETE

DUPLICATE PG 308

Number:

5015

Title:

Secondary Recovery

Current course description and/or prerequisites:

Prerequisite: PETE 3200. Graduate standing.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerequisite: Graduate standing.

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Subject code:

PETE

DUPLICATE PG 309

Number:

5020

Title:

Thermodynamics

Current course description and/or prerequisites:

Desc: Examines molecular thermodynamics of pure materials and mixtures, including phase equilibria and the use of equations of state.

Prereq: ES 2310 or CHEM 4505.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Course Title:** Process Thermodynamics

**Desc:** Utilizing the laws of thermodynamics to a wide variety of process applications. Evaluating current methods for predicting thermodynamic properties of pure fluids and mixtures. Modeling multiphase, multicomponent equilibria.

**Prereq:** Graduate standing, and either an undergraduate-level course in Thermodynamics or consent of the instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 310

Number:

5030

Title:

Reaction Kinetics

Current course description and/or prerequisites:

Prerequisite: CHE 4060.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerequisite: Graduate standing or consent of the instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5045

DUPLICATE PG 311

Title:

Reactor Design

Current course description and/or prerequisites:

Prerequisite: CHE 4060.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerequisite: Graduate standing or consent of the instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 312

Number:

5060

Title:

Flow through Porous Media

Current course description and/or prerequisites:

Prerq: PETE 3200 and graduate standing.

Cross list: PETE 4060

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Cross list: PETE 4060

**Correct Title Also**

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5070

DUPLICATE PG 313

Title:

**Multiphase Flow**

Current course description and/or prerequisites:

A thorough background in the methods of analysis and current developments in gas-liquid, gas-solid, liquid-solid, and gas-liquid-solid flows. Introduction to multiphase flow instrumentation.

Identical to CHE 5070.

Prerequisite: ME 3360 or CHE 3020. Graduate standing.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

A thorough background in the methods of analysis and current developments in gas-liquid, gas-solid, liquid-solid, and gas-liquid-solid flows. Introduction to multiphase flow instrumentation.

Prerequisite: Graduate standing or consent of the instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 314

Number:

5100

Title:

Topics

Current course description and/or prerequisites:

Prerequisite: consent of instructor.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Course Title Change: Independent Study

Prerequisite: Graduate standing and consent of instructor.

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Subject code:

PETE

DUPLICATE PG 315

Number:

5140

Title:

Computational Methods

Current course description and/or prerequisites:

Prereq: MATH 3310, COSC 1010.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Cross List:** none

**Prereq:** Graduate standing.

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

PETE

DUPLICATE PG 316

Number:

5150

Title:

Topics in Chemical Engineering

Current course description and/or prerequisites:

Prerq: Consent of Instructor

Cross list: CHE 5150

Description: Selected topics in chemical engineering.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing or consent of instructor.

Cross list: none

Title Correction: Topics in Petroleum Engineering

Description: Selected topics in Petroleum engineering.

**\*\*The current course title and cross listing reflect the former combined department structure. This is a standalone course in the Petroleum department now.\*\***

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 317

Number:

5215

Title:

Rock Mechanics

Current course description and/or prerequisites:

Prerq: ES 2330 and 2410

Cross list: PETE 5215

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Cross list: PETE 4215

Description:

The current prerequisites and dual list entry were copied directly from PETE 4215 and not corrected for the graduate level course.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5255

DUPLICATE PG 318

Title:

Advanced Drilling Engineering

Current course description and/or prerequisites:

Prereq: PETE 4250.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Dual List:** PETE 4250

**Prereq:** Graduate standing.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5300

DUPLICATE PG 319

Title:

Reservoir Simulation

Current course description and/or prerequisites:

Prerq: PETE 3200, MATH 2210, MATH 4440

Dual list: PETE 5300

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Dual list: PETE 4300

The current prerequisites and dual list entry were copied directly from PETE 4300 and not corrected for the graduate level course.

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Subject code:

PETE

Number:

5310

Title:

Fundamentals of EOR

DUPLICATE PG 320

Current course description and/or prerequisites:

Prerq: PETE 3200

Dual list: PETE 4310

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Dual list: PETE 4310

Description:

The current prerequisites entry was copied directly from PETE 4310 and not corrected for the graduate level course.

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Subject code:

PETE

DUPLICATE PG 321

Number:

5355

Title:

Mathematical Methods in Chemical Engineering

Current course description and/or prerequisites:

Prerq: MATH 2210, CHE/PETE 3025 or equivalent.

Cross list: CHE 5355

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Cross list: CHE 5355

Title Correction: Mathematical Methods

Description:

The current course title reflects the former combined department structure.

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Subject code:

PETE

Number:

5600

DUPLICATE PG 322

Title:

Air Pollution Control

Current course description and/or prerequisites:

Prereq: CHEM 1060 or 1030, MATH 2310.

Cross list: CHE 5600

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** Graduate standing.

Cross List: none

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Subject code:

PETE

DUPLICATE PG 323

Number:

5810

Title:

Unconventional Gas Production

Current course description and/or prerequisites:

Prereq: graduate status

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** Graduate standing or consent of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5830

Title:

Thermal Recovery

DUPLICATE PG 324

Current course description and/or prerequisites:

Prereq: Senior standing in petroleum or chemical engineering. Graduate standing.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** Graduate standing or consent of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

Number:

5840

DUPLICATE PG 325

Title:

Miscible Processes

Current course description and/or prerequisites:

Prereq: PETE 4010, 5310

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** PETE 5310 and Graduate standing or consent of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 326

Number:

5850

Title:

Chemical Enhanced Oil Recovery Processes

Current course description and/or prerequisites:

Prereq: consent of instructor

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Prereq:** Graduate standing.

*Departments should send one form per class to the college course committee.*

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Subject code:

PETE

DUPLICATE PG 327

Number:

5890

Title:

Chemical and Petroleum Engineering Seminar

Current course description and/or prerequisites:

Prerq: Graduate Standing

Cross list: CHE 5890

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Prerq: Graduate standing.

Cross list: none

Title Correction: Petroleum Engineering Seminar

The current course title and cross listing reflect the former combined department structure.

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Subject code:

DHYG

**REVIEWED**

***By Annette Suloff at 11:18 am, May 11, 2018***

Number:

3800

Title:

Board Review.

Current course description and/or prerequisites:

Designed to assist dental hygiene students in preparing for the National Board Dental Hygiene Exam, the western and central regional clinical and anesthesia board exams, and state jurisprudence exams. These exams are required for licensure to practice dental hygiene in the United States.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course is designed to assist dental hygiene students in preparing for the National Board Dental Hygiene Exam, the western and central regional clinical and anesthesia board exams, and state jurisprudence exams. These exams are required for licensure to practice dental hygiene in the United States. This course includes discussion of the distinction between various agencies in the education, healthcare and legal system which have jurisdiction over the licensure process, and the impact of cheating during any portion of the process on the public welfare.

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Nov. 2017

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Subject code:

DHYG

**REVIEWED**

*By Annette Suloff at 11:18 am, May 11, 2018*

Number:

3775

Title:

Pain Management Lab.

Current course description and/or prerequisites:

Taken concurrently with DHYG 3770 Pain Management. Provides opportunities to apply principles learned. Clinical laboratory experiences includes practice, demonstrations and evaluation of pain management techniques.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course provides clinical experience with local anesthesia and inhalation sedation techniques. It includes the detection of anatomic landmarks in the mouth pertaining to specific injection sites, preparation of the armamentarium, maintenance of asepsis, simulated and real injection of anesthetic agents at predetermined sites and administration of nitrous oxide/oxygen.

*Departments should send one form per class to the college course committee.*

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Subject code:

DHYG

Number:

3770

Title:

Pain Management.

**REVIEWED**

*By Annette Suloff at 11:18 am, May 11, 2018*

Current course description and/or prerequisites:

Provides a comprehensive background for performing field infiltration, nerve block anesthesia and nitrous oxide/oxygen inhalation sedation. *Prerequisite:* successful enrollment in dental hygiene major or consent of instructor.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course provides clinical experience with local anesthesia and inhalation sedation techniques. It includes the detection of anatomic landmarks in the mouth pertaining to specific injection sites, preparation of the armamentarium, maintenance of asepsis, simulated and real injection of anesthetic agents at predetermined sites and administration of nitrous oxide/oxygen.

*Departments should send one form per class to the college course committee.*

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Subject code:

DHYG

**REVIEWED**

*By Annette Suloff at 11:19 am, May 11, 2018*

Number:

3750

Title:

Periodontology

Current course description and/or prerequisites:

Briefly reviews anatomy and histology of periodontal structures and dental accretions. Studies classifications and etiology of periodontal diseases, including local and systemic factors. Thoroughly explores the hygienist's role in disease recognition, prevention, therapeutic procedures and maintenance.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course reviews the anatomy and histology of periodontal structures and dental accretions followed by a study of the classifications and etiology of periodontal diseases including both local and systemic factors. A thorough exploration of the hygienist's role in disease recognition, prevention, therapeutic procedures and maintenance is also included.

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DHYG

**REVIEWED**

***By Annette Suloff at 11:19 am, May 11, 2018***

Number:

3720

Title:

Office Practice

Current course description and/or prerequisites:

Provides students with current information and experience in office practice and management. Discusses professionalism; office leadership roles; legal responsibilities; team responsibilities in dental offices; and selecting, securing and maintaining satisfying employment. *Prerequisite:* DHYG 2300, 2350, 3300 and a communications course.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course is designed to provide the dental hygiene student with both current information and experience in office practice and management. Also included are discussions of professionalism, decision-making and leadership roles, including legal and ethical responsibilities, team responsibilities in the dental office and discussion of selecting, securing and maintaining employment.

*Departments should send one form per class to the college course committee.*

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Subject code:

DHYG

**REVIEWED**

*By Annette Suloff at 11:19 am, May 11, 2018*

Number:

3600

Title:

Ethics and Law in Dental Hygiene

Current course description and/or prerequisites:

Core principles in ethics and values as they relate to the professional code of conduct and state jurisprudence. Students explore contemporary issues within a diverse society in understanding and applying a personal value system to issues in the dental hygiene profession. *Prerequisite:* successfully complete all first-year dental hygiene courses.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course provides an introduction to basic concepts in the analysis of ethical theories, principles, values, the professional code of ethics, and legal aspects associated with the dental hygiene healthcare profession. Contemporary issues are examined in dentistry and medicine as a strategy to explore and apply ethical principles in diverse cultures and situations.

*Departments should send one form per class to the college course committee.*

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Subject code:

DHYG

**REVIEWED**

**By Annette Suloff at 11:19 am, May 11, 2018**

Number:

3550

Title:

Community Dental Health

Current course description and/or prerequisites:

Introduces basic skills needed to assess, plan and implement strategies to evaluate the dental health of the community, including research methodology and basic statistical analysis. Provides students with basic understanding of significant social, political, psychological and economical factors influencing the American Health Care System.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course provides the dental hygiene student with an introduction to basic skills needed to evaluate the dental health community, including research methodology and basic statistical analysis. It provides the student with a basic understanding of the significant social, political, psychological and economic factors influencing the American Health System.

*Departments should send one form per class to the college course committee.*

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Subject code:

DHYG

Number:

3400

Title:

General and Oral Pathology.

**REVIEWED**

***By Annette Suloff at 11:20 am, May 11, 2018***

Current course description and/or prerequisites:

Designed to teach students concepts underlying general and oral manifestations of human disease states, manifestations of specific diseases, relationships to body defense mechanisms, and potential implications of medical and dental hygiene treatment. To the extent possible, applications to clinical situations in dental hygiene practice are made.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course is designed to teach students the concepts underlying general and oral manifestations of human disease states, manifestations of specific diseases, relationships to body defense mechanisms, and potential implications for medical and dental hygiene treatment. To the extent possible, applications to clinical situations in dental hygiene practice will be made.

*Departments should send one form per class to the college course committee.*

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Subject code:

DHYG

**REVIEWED**

***By Annette Suloff at 11:20 am, May 11, 2018***

Number:

3350

Title:

Clinical Dental Hygiene III

Current course description and/or prerequisites:

Allows students to garner practical experience in clinical procedures requiring greater skill and more knowledge than procedures previously undertaken. Students successfully completing this course are fully prepared for transition to office practice

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course assists students in gaining practical experience in clinical procedures requiring greater skill and knowledge than procedures previously undertaken. This course prepares students for the transition to private office practice.

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Subject code:

DHYG

**REVIEWED**

*By Annette Suloff at 11:20 am, May 11, 2018*

Number:

3300

Title:

Clinical Dental Hygiene II.

Current course description and/or prerequisites:

Students gain further practical experience in dental hygiene procedures by providing comprehensive patient care in the Sheridan College and Veterans' Administration Medical Center clinics. A flexible, self-paced format allows students to meet requirements in procedures for patient record-keeping, patient education, dental prophylaxis, dental radiography and other routine clinical procedures. *Prerequisite:* DHYG 2350.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course provides students the opportunity to gain further practical experience in dental hygiene procedures by providing comprehensive patient care in clinical settings. A flexible format allows students to meet requirements in procedures for patient record-keeping, patient education, dental prophylaxis, dental radiography and routine clinical procedures.

*Departments should send one form per class to the college course committee.*

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Subject code:

DHYG

Number:

3250

Title:

DHYG 3250 Clinic Seminar III

**REVIEWED**

**By Annette Suloff at 11:20 am, May 11, 2018**

Current course description and/or prerequisites:

Prepares dental hygiene students to make transitions from an educational setting to private practice. Covers range of subjects enabling students to meet challenges associated with variety of patient care issues, including meeting needs of the elderly. Discusses various dental specialty practices. *Prerequisite:* DHYG 3230, 3300 and 3350 or concurrent enrollment. (Normally offered spring semester)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course prepares the dental hygiene student to make the transition from an educational setting to private practice. Focus is on applying, synthesizing, and transferring clinical and didactic knowledge to clinical and ethical decision-making. Students will be engaged in problem-based case studies, application of motivational theories, and analysis of evidence-based research.

Rationale: Aligning UW Catalog Descriptions with Northern Wyoming Community College's descriptions. NWCC is the course provider, and maintains program accreditation.

*Departments should send one form per class to the college course committee.*

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Subject code:

DHYG

**REVIEWED**

*By Annette Suloff at 11:20 am, May 11, 2018*

Number:

3230

Title:

Clinical Seminar II

Current course description and/or prerequisites:

An adjunct to the clinical dental hygiene course devoted to the development and nurturing of skills needed for treatment of more advanced periodontal cases, including initiation of a periodontal case study. Also included will be an introduction and preparation for the use of state-of-the-art clinical technologies.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

This course is a continuation of the Clinical Seminar Series. Course content will focus on the review and enhancement of instrumentation skills; the essentials of instrument selection; the role of root planing in dental hygiene; the development and refinement of skills needed for treatment of more advanced periodontal cases, which includes the initiation of a periodontal case study; and the introduction and preparation for the use of state-of-the-art clinical technologies.

Rationale: Aligning UW Catalog Descriptions with Northern Wyoming Community College's descriptions. NWCC is the course provider, and maintains program accreditation.

*Departments should send one form per class to the college course committee.*

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Subject code:

HLED

**REVIEWED**

**By Annette Suloff at 11:20 am, May 11, 2018**

Number:

2006

Title:

Health for Elementary Educators

**Current course description and/or prerequisites:**

Acquaints students to the Wyoming Health Standards and Benchmarks, techniques/instruments for assessing the Wyoming Health Standards and Benchmarks, sample health curriculum models/approaches for elementary school K-6, lesson plans in health education for elementary learners, and health integration in language arts curricula. *Prerequisite:* elementary education majors with sophomore standing.

**Proposed new course description and/or prerequisites, or rationale for**

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Acquaints students to the Wyoming Health Standards and Benchmarks, techniques/instruments for assessing the Wyoming Health Standards and Benchmarks, sample health curriculum models/approaches for elementary school K-6, lesson plans in health education for elementary learners, and health integration in language arts curricula. *Prerequisite:* Declared major in KHP, PHET, or Elementary Education.

*Departments should send one form per class to the college course committee.*

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Subject code:

HLED

Number:

3020

**REVIEWED**

*By Annette Suloff at 11:20 am, May 11, 2018*

Title:

Community and Public Health

Current course description and/or prerequisites:

**3020 [4050]. Community and Public Health. 3.** Public health aim to create the conditions where people can be healthy. This course introduces goals and applications of community and public health work in the US, illustrated with case studies from the most urgent health issues facing our nation. *Prerequisites:* HLED 1006; sophomore or junior standing; admission to K&HP or K&HP-AT professional program or minimum 3.00 cumulative UW GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**3020 [4050]. Community and Public Health. 3.** Public health aim to create the conditions where people can be healthy. This course introduces goals and applications of community and public health work in the US, illustrated with case studies from the most urgent health issues facing our nation. *Prerequisites:* HLED 1006, completion of a COM2 course, and minimum 2.75 GPA

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*



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Nov. 2017

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Subject code:

HLED

**REVIEWED**

*By Annette Suloff at 11:20 am, May 11, 2018*

Number:

4005

Title:

Global Health in Modern Society

Current course description and/or prerequisites:

**4005. Global Health in Modern Society. 3.** Evidence-based approach to understand the interconnectivity of global health in modern society. Examination of health disparities, worldwide, to understand the impact of politics, culture, and economics on population health. Rural aspects of public health both domestically and internationally included. Students will discuss challenges and approaches to improving global public health.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**4005. Global Health in Modern Society. 3.** Evidence-based approach to understand the interconnectivity of global health in modern society. Examination of health disparities, worldwide, to understand the impact of politics, culture, and economics on population health. Rural aspects of public health both domestically and internationally included. Students will discuss challenges and approaches to improving global public health.  
*Prerequisites:* sophomore standing and minimum 2.75 GPA

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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HLED

**REVIEWED**

*By Annette Suloff at 11:21 am, May 11, 2018*

Number:

4015

Title:

Internship Experience in Kinesiology

Current course description and/or prerequisites:

**4015. Internship Experience in Health. 1-12 (Max. 12).** Variable-credit (1-12) and S/U course required of Kinesiology and Health undergraduate majors to provide experiential learning in kinesiology and health in a real world setting. Intended to integrate theory and technique with practical application to expose students to areas of professional/career interest and assist with building professional careers. Cross listed with KIN 4015. *Prerequisites:* KIN 3010; KIN 3021; 2.5 grade point average.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course description and pre-requisites:**

**4015. Internship Experience in Health. 1-12 (Max. 12).** Variable-credit (1-12) and S/U course required of Kinesiology and Health undergraduate majors to provide experiential learning in kinesiology and health in a real world setting. Intended to integrate theory and technique with practical application to expose students to areas of professional/career interest and assist with building professional careers. Must have CPR/AED/1<sup>st</sup> Aid certification prior to enrollment. Background check must be completed prior to start of course. Cross listed with KIN 4015. *Prerequisites:* Grade of C or better in KIN 3010; completion of a minimum of 18 credits in KIN/HLED upper division coursework; and minimum 2.75 GPA.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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**REVIEWED**

*By Annette Suloff at 11:21 am, May 11, 2018*

Number:

4016

Title:

Research Experience in Kinesiology and Health

Current course description and/or prerequisites:

**4016. Research Experience in Kinesiology and Health. 1-6 (Max. 6).** Offered to students who wish to gain a research experience in Kinesiology and Health. Meant for students who are interested in pursuing an advanced degree. Students may choose to complete KIN/HLED 4016 instead of KIN/HLED 4015. Cross listed with KIN 4016. *Prerequisite:* minimum junior standing; completed KIN 3021; minimum 2.50 GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course description and pre-requisites:**

**4016. Research Experience in Kinesiology and Health. 1-6 (Max. 6).** Offered to students who wish to gain a research experience in Kinesiology and Health. Meant for students who are interested in pursuing an advanced degree. Students may choose to complete KIN/HLED 4016 instead of KIN/HLED 4015. Must have CPR/AED/1<sup>st</sup> Aid certification prior to enrollment. Background check must be completed prior to start of course. Cross listed with HLED 4016. *Prerequisites:* minimum sophomore standing; declared KHP major; permission of instructor; and minimum 2.75 GPA.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

*By Annette Suloff at 11:21 am, May 11, 2018*

Number:

4020

Title:

Food, Health, and Justice

**Current course description and/or prerequisites:**

Maps ways our dominant national and global food systems affect health and equity in health, largely though not only negatively. Students will critically assess practiced and potential strategies for creating alternative food systems that support health and equity, particularly at the U.S. community level. Dual listed with HLED 5020. *Prerequisite:* junior standing or above.

**Proposed new course description and/or prerequisites, or rationale for**

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Maps ways our dominant national and global food systems affect health and equity in health, largely though not only negatively. Students will critically assess practiced and potential strategies for creating alternative food systems that support health and equity, particularly at the U.S. community level. Dual listed with HLED 5020. *Prerequisite:* Completed COM 2 course and minimum 2.75 cumulative UW GPA.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

**By Annette Suloff at 11:21 am, May 11, 2018**

Number:

4025

Title:

Teaching Sensitive Issues In Human Sexuality

Current course description and/or prerequisites:

Prepares educators and other helping professionals whose work involves promoting healthy sexuality in children, young people, and adults. It also provides detailed investigation into important aspects of teaching sensitive issues related to human sexuality. Students practice, critique, develop, and evaluate sexuality education processes and resources. Dual listed with HLED 5025.

Prerequisite: junior class standing, 2.5 GPA, and SOC 2200.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Minimum 2.5 GPA; Junior class standing or certified K-12 teacher.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

*By Annette Suloff at 11:21 am, May 11, 2018*

Number:

4030

Title:

Teaching about Alcohol and Substance Abuse

Current course description and/or prerequisites:

**4030. Teaching About Alcohol and Substance Abuse. 3.** Introduces students to the issues of societal and personal attitudes towards alcohol and substance use, misuse and abuse. Prepares an educator to teach about alcohol and substance abuse in the classroom and our of the school setting.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**4030. Teaching About Alcohol and Substance Abuse. 3.** Introduces students to the issues of societal and personal attitudes towards alcohol and substance use, misuse and abuse. Prepares an educator to teach about alcohol and substance abuse in the classroom and our of the school setting. *Prerequisites:* Sophomore standing; minimum 2.75 GPA; or permission of instructor.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

*By Annette Suloff at 11:23 am, May 11, 2018*

Number:

4097

Title:

Individual Problems

Current course description and/or prerequisites:

Provides flexible credit for students who wish to undertake intensive study of a special problem identified in a regular class. Cross listed with KIN 5097. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Provides flexible credit for students who wish to undertake intensive study of a special problem identified in a regular class. Cross listed with KIN 5097. *Prerequisite:* Declared major in KHP or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

HLED

Number:

4110

Title:

Teaching Health in Schools K-12

**REVIEWED**

**By Annette Suloff at 11:23 am, May 11, 2018**

Current course description and/or prerequisites:

Presented appropriate knowledge and skills to become health literate. Explore ways to teach health skills and knowledge and use assessment strategies for health education.

Prerequisite: KIN 3015. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Grade C or better in KIN 3015 or certified K-12 teacher.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

*By Annette Suloff at 11:23 am, May 11, 2018*

Number:

4120

Title:

Assessment in Health

Current course description and/or prerequisites:

Provide students with an understanding of components of a balanced assessment system in school health education. Students review the basics of standards-based health education and explore innovations in assessment that provide teachers and students with a more complete and authentic picture of student learning.

Prerequisite: HLED 2006, HLED 4110, or certified teacher with experience teaching health in schools; undergraduates must be concurrently enrolled in KIN 4099, Student Teaching; certified teachers must have access to K-12 students.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Minimum 2.5 GPA; concurrent enrollment in KIN 4099 or certified K-12 teacher.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

*By Annette Suloff at 11:24 am, May 11, 2018*

Number:

4130

Title:

Management of Coordinated School Health Programs

Current course description and/or prerequisites:

Reviews the coordinated school health program (CSHP) model and identifies research that supports the eight components of the model. Prepares students to advocate for CSHP and to develop the school infrastructure necessary to carry out such a program. Also prepares individuals to work with school from job settings outside the school. Dual listed with HLED 5130.

Prerequisite: HLED 1006 and 3010, junior standing and 2.5 GPA. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Minimum 2.5 GPA; Junior class standing or certified K-12 teacher.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

*By Annette Suloff at 11:24 am, May 11, 2018*

Number:

4970

Title:

Field Experience in Health Education

Current course description and/or prerequisites:

**4970. Field Experience in Health Education. 1 - 12 (Max. 12).** Offered as practical health education experience for senior level health education majors. Students may take from 1 -12 credits at a time for a required cumulative maximum of 12 credits. Broad and flexible and can be utilized in numerous situations to meet local needs. (Credit in this course is not applicable toward advanced degrees.) For S/U grade only. *Prerequisite:* senior standing and consent of instructor.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**4970. Field Experience in Health Education. 1 - 12 (Max. 12).** Offered as practical health education experience for senior level health education majors. Students may take from 1 -12 credits at a time for a required cumulative maximum of 12 credits. Broad and flexible and can be utilized in numerous situations to meet local needs. (Credit in this course is not applicable toward advanced degrees.) For S/U grade only. *Prerequisite:* senior standing in KHP or PHET and consent of instructor.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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**REVIEWED**

*By Annette Suloff at 11:24 am, May 11, 2018*

Number:

5013

Title:

Spectrum of Teaching Styles

Current course description and/or prerequisites:

**5013. Spectrum of Teaching Styles. 3.** Explores the range of teaching styles and the appropriateness of their uses. Cross listed with KIN 5013. *Prerequisite:* graduate status.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**5013. Spectrum of Teaching Styles. 3.** Explores the range of teaching styles and the appropriateness of their uses. Cross listed with KIN 5013. *Prerequisite:* graduate standing in KIN or permission of instructor

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

*By Annette Suloff at 11:24 am, May 11, 2018*

Number:

5016

Title:

Analysis and Supervision of Teaching Physical Education

Current course description and/or prerequisites:

**5016. Analysis and Supervision of Teaching Physical Education. 3.** Students are introduced to various evaluative and supervisory techniques which are designed to improve teaching effectiveness and student learning. Emphasis is placed on utilizing various strategies of evaluation in instructional settings. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in course description (remove “be” after “Emphasis is”) and pre-requisites:**

**5016. Analysis and Supervision of Teaching Physical Education. 3.** Students are introduced to various evaluative and supervisory techniques which are designed to improve teaching effectiveness and student learning. Emphasis is placed on utilizing various strategies of evaluation in instructional settings. *Prerequisite:* graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

*By Annette Suloff at 11:24 am, May 11, 2018*

Number:

5017

Title:

Research on Teaching Physical and Health Education

Current course description and/or prerequisites:

**5017. Research on Teaching Physical and Health Education. 3.** Survey of techniques, paradigms, and findings of research on teaching. Cross listed with KIN 5017. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**5017. Research on Teaching Physical and Health Education. 3.** Survey of techniques, paradigms, and findings of research on teaching. Cross listed with KIN 5017. *Prerequisite:* graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

*By Annette Suloff at 11:24 am, May 11, 2018*

Number:

5020

Title:

Food, Health, and Justice

**Current course description and/or prerequisites:**

Maps ways our dominant national and global food systems affect health and equity in health, largely though not only negatively. Students will critically assess practiced and potential strategies for creating alternative food systems that support health and equity, particularly at the U.S. community level. Dual listed with HLED 4020. *Prerequisite:* admission to a professional program in K&HP.

**Proposed new course description and/or prerequisites, or rationale for**

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Maps ways our dominant national and global food systems affect health and equity in health, largely though not only negatively. Students will critically assess practiced and potential strategies for creating alternative food systems that support health and equity, particularly at the U.S. community level. Dual listed with HLED 4020. *Prerequisite:* Graduate standing or permission of the instructor.

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Number:

5025

**REVIEWED**

*By Annette Suloff at 11:24 am, May 11, 2018*

Title:

Teaching Sensitive Issues in Human Sexuality

Current course description and/or prerequisites:

Prepares educators and helping professionals whose work involves promoting healthy sexuality in children, young people and adults. Also provides detailed investigation into important aspects of teaching sensitive issues related to human sexuality. Students practice, critique, develop, and evaluate sexuality education processes and resources. Dual listed with HLED 4025. *Prerequisite:* junior class status, GPA of 2.5 and SOC 2200.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Prepares educators and helping professionals whose work involves promoting healthy sexuality in children, young people and adults. Also provides detailed investigation into important aspects of teaching sensitive issues related to human sexuality. Students practice, critique, develop, and evaluate sexuality education processes and resources. Dual listed with HLED 4025. *Prerequisite:* Graduate standing or permission of instructor.

*Departments should send one form per class to the college course committee.*

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HLED

Number:

5050

Title:

Community and Public Health

**REVIEWED**

**By Annette Suloff at 11:24 am, May 11, 2018**

Current course description and/or prerequisites:

Identifying, understanding, and working with unique needs and assets of communities is emphasized, including ethnic, religious, and social structures. Planning and implementation of community health programs is stressed. Open but not limited to students interested in the following areas: healthcare, health promotion, public health, the schools. Dual listed with HLED 4050. *Prerequisite:* a minimum of 6 hours of coursework within the College of Health Sciences or min. of 9 hours of coursework within selected major.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course description (remove “dual listed with HLED 4050”) and pre-requisites:**

Identifying, understanding, and working with unique needs and assets of communities is emphasized, including ethnic, religious, and social structures. Planning and implementation of community health programs is stressed. Open but not limited to students interested in the following areas: healthcare, health promotion, public health, the schools. *Prerequisite:* Graduate standing or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

HLED

Number:

5080

**REVIEWED**

*By Annette Suloff at 11:25 am, May 11, 2018*

Title:

Investigations in Kinesiology and Health

Current course description and/or prerequisites:

Designed to develop master of science level graduate students into critical consumers of research. An additional purpose is to develop research skills to the level necessary to complete a master of science Plan B paper. Dual listed with KIN 5080. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Designed to develop master of science level graduate students into critical consumers of research. An additional purpose is to develop research skills to the level necessary to complete a master of science Plan B paper. Dual listed with KIN 5080. *Prerequisite:* Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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**REVIEWED**

**By Annette Suloff at 11:25 am, May 11, 2018**

Number:

5085

Title:

Research Methods in Health Education

**Current course description and/or prerequisites:**

Focuses on methods and techniques for evaluating and conducting research. Potential and completed research problems are analyzed and evaluated. Research processes are reviewed with emphasis on application. Standards for writing literature reviews and research proposals are also emphasized. Cross listed with KIN 5085. *Prerequisite:* admission to the UW Division of Kinesiology and Health's graduate program.

**Proposed new course description and/or prerequisites, or rationale for**

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Focuses on methods and techniques for evaluating and conducting research. Potential and completed research problems are analyzed and evaluated. Research processes are reviewed with emphasis on application. Standards for writing literature reviews and research proposals are also emphasized. Cross listed with KIN 5085. *Prerequisite:* Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:	HLED	<b>REVIEWED</b> <i>By Annette Suloff at 11:25 am, May 11, 2018</i>
Number:	5097	
Title:	Individual Problems	

Current course description and/or prerequisites:

**5097. Individual Problems. 1-3 (Max. 6).** Provides flexible credit for students who wish to undertake intensive study of a special problem identified in a regular class. Cross listed with KIN 5097. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**5097. Individual Problems. 1-3 (Max. 6).** Provides flexible credit for students who wish to undertake intensive study of a special problem identified in a regular class. Cross listed with KIN 5097. *Prerequisite:* graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

HLED

**REVIEWED**

*By Annette Suloff at 11:25 am, May 11, 2018*

Number:

5130

Title:

Management of Coordinated School Health Programs

Current course description and/or prerequisites:

Reviews the coordinated program (CSHP) model and identifies research that supports the eight components of the model. Prepares students to advocate for CSHP and to develop the school infrastructure necessary to carry out such a program. Also prepares individuals to work with school from job settings outside the school. Dual listed with HLED 4130. *Prerequisite:* HLED 1006 and 3110, junior standing and 2.50 GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Reviews the coordinated program (CSHP) model and identifies research that supports the eight components of the model. Prepares students to advocate for CSHP and to develop the school infrastructure necessary to carry out such a program. Also prepares individuals to work with school from job settings outside the school. Dual listed with HLED 4130. *Prerequisite:* Graduate standing or permission of instructor.

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HLED

**REVIEWED**

*By Annette Suloff at 11:25 am, May 11, 2018*

Number:

5586

Title:

Seminar in Health Education

Current course description and/or prerequisites:

Graduate students in kinesiology and health work intensively on current issues and problems, and may pursue specific areas of emphasis. Although a total of 8 hours is permitted under this number, only 6 hours are allowed by the Division of Kinesiology and Health toward a student's graduate program. Cross listed with KIN 5586. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Graduate students in kinesiology and health work intensively on current issues and problems, and may pursue specific areas of emphasis. Although a total of 8 hours is permitted under this number, only 6 hours are allowed by the Division of Kinesiology and Health toward a student's graduate program. Cross listed with KIN 5586. *Prerequisite:* Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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HLED

**REVIEWED**

*By Annette Suloff at 11:25 am, May 11, 2018*

Number:

5587

Title:

Special Problems

Current course description and/or prerequisites:

Provides a broad perspective through selected reading material and/or experiential activities. All work is done independently under the direction of a faculty member. As many conferences are held as necessary to assure successful completion of the project. *Prerequisite:* consent of instructor and graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Provides a broad perspective through selected reading material and/or experiential activities. All work is done independently under the direction of a faculty member. As many conferences are held as necessary to assure successful completion of the project. *Prerequisite:* Graduate standing in KIN or permission of instructor.

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Subject code:

HLED

Number:

5900

**REVIEWED**

***By Annette Suloff at 11:26 am, May 11, 2018***

Title:

Practicum in College Teaching

Current course description and/or prerequisites:

Work in classroom with a major professor. Expected to give some lectures and gain classroom experience. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Work in classroom with a major professor. Expected to give some lectures and gain classroom experience. *Prerequisite:* Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

HLED

Number:

5920

**REVIEWED**

*By Annette Suloff at 11:26 am, May 11, 2018*

Title:

Continuing Registration: On Campus

Current course description and/or prerequisites:

*Prerequisite:* advanced degree candidacy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

*Prerequisite:* advanced degree candidacy in Kinesiology.

*Departments should send one form per class to the college course committee.*

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Subject code:

HLED

**REVIEWED**

*By Annette Suloff at 11:26 am, May 11, 2018*

Number:

5940

Title:

Continuing Registration: Off Campus

Current course description and/or prerequisites:

*Prerequisite:* advanced degree candidacy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

*Prerequisite:* Advanced degree candidacy in Kinesiology.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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Subject code:

HLED

**REVIEWED**

*By Annette Suloff at 11:27 am, May 11, 2018*

Number:

5960

Title:

Thesis Research

Current course description and/or prerequisites:

Designed for students who are involved in research for their thesis project. Also used for students whose coursework is complete and are writing their thesis. *Prerequisite:* enrollment in a graduate degree program.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Designed for students who are involved in research for their thesis project. Also used for students whose coursework is complete and are writing their thesis. *Prerequisite:* Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

1006

**REVIEWED**

*By Annette Suloff at 11:26 am, May 11, 2018*

Title:

Introduction to Kinesiology

Current course description and/or prerequisites:

A survey of the disciplines of kinesiology and health and exposure to foundational literature in the field.  
Prerequisite: Majors only (Kinesiology and Health Promotion).

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changed pre-requisites:**

A survey of the disciplines of kinesiology and health and exposure to foundational literature in the field.  
*Prerequisite:* Declared Kinesiology & Health Promotion major or permission from instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

**REVIEWED**

*By Annette Suloff at 11:26 am, May 11, 2018*

Number:

2003

Title:

Movement Core IV: Educational Games and Gymnastics.

Current course description and/or prerequisites:

To provide pre-service teachers (PTs) with the skills and knowledge necessary to teach educational games and gymnastics to public school students.

Prerequisites: sophomore standing, declared PHET major, completion or concurrent enrollment in MATH 1400

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:** Sophomore Standing

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Subject code:

KIN

Number:

2040

**REVIEWED**

*By Annette Suloff at 11:26 am, May 11, 2018*

Title:

Human Anatomy

Current course description and/or prerequisites:

Study of human structure in terms of its microscopic and gross anatomy. Provides students with adequate background to study human physiological function. The corresponding course, to be taken concurrently, is KIN 2041. *Prerequisite:* LIFE 1000 or 1010.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changed pre-requisites:**

Study of human structure in terms of its microscopic and gross anatomy. Provides students with adequate background to study human physiological function. The corresponding course, to be taken concurrently, is KIN 2041. *Prerequisite:* LIFE 1000, 1003, or 1010 or ANTH 1100.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

3010

Title:

Fundamentals of Health and Fitness Assessment

Current course description and/or prerequisites:

Fundamental concepts of health appraisal, assessment of health-related fitness levels, individual and group exercise programming and leadership, and methods of behavioral change. Theory and practical application of fitness presented with an emphasis on adults. Has lecture and lab components. Completion of KIN 3021 highly recommended. *Prerequisites:* completed or concurrent enrollment in KIN 3021; 2.700 GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changed pre-requisites:**

Students will learn the fundamental concepts of health appraisal, assessment of health-related fitness and physical fitness levels, individual and group exercise programming and leadership, and methods of behavioral change. Fitness will be discussed in both theoretical and practical terms with an emphasis on adults. Has lecture and lab components. *Prerequisites:* completed or concurrent enrollment in KIN 3021; 2.75 GPA.

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KIN

**REVIEWED**

*By Annette Suloff at 11:27 am, May 11, 2018*

Number:

3015

Title:

Teaching Laboratory II

Current course description and/or prerequisites:

Provides pre-service physical education teacher with skills, knowledge and principles of teaching through application of peer teaching and small group elementary school teaching. Emphasizes and practices program development, lesson planning and development of a physical education teaching unit.

Prerequisites: grade of C or better in KIN 3012 and 3034; 2.75 minimum cumulative GPA; concurrent enrollment in KIN 3011, 4055 and 4080. (Offered spring semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Grade of C or better in KIN 3012; concurrent enrollment in KIN 3011, KIN 4080.

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KIN

**REVIEWED**

*By Annette Suloff at 11:27 am, May 11, 2018*

Number:

3020

Title:

Observational Experience in Movement Science

Current course description and/or prerequisites:

**3020 [PEPR 3020]. Observational Experience in Movement Science. 1-2 (Max. 6).**Provides students with off-campus opportunity to observe professionals in the work place. Emphasis is placed on physical or occupational therapy. Conducted under supervision and arranged by coordinator of undergraduate programs. Offered S/U only. *Prerequisites:* sophomore status, consent of coordinator of undergraduate programs, 2.500 GPA.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changed pre-requisites**

**3020 [PEPR 3020]. Observational Experience in Movement Science. 1-2 (Max. 6).**Provides students with off-campus opportunity to observe professionals in the work place. Emphasis is placed on physical or occupational therapy. Conducted under supervision and arranged by coordinator of undergraduate programs. Offered S/U only. *Prerequisites:* sophomore standing, declared KIN or PHET major, consent of coordinator of undergraduate programs.

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Subject code:

KIN

Number:

3021

Title:

Physiology of Exercise

Current course description and/or prerequisites:

Applies physiological principles to human physical activities. Emphasizes interaction of neuromuscular circulatory, and respiratory mechanisms as affecting, and affected by, immediate exercise situations and physical training. Students who are not K&H or PHET majors may be allowed to register with permission of the instructor. *Prerequisites:* 2.700 GPA. For Kinesiology & Health majors: grade of C or better in MATH 1400/1405/1450, KIN 2040, KIN 2041, and ZOO 3115. Or declared PHET major with the following courses completed: MATH 1400/1405/1450, KIN 2040, KIN 2041, and ZOO 3115.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changed pre-requisites: GPA change only**

Applies physiological principles to human physical activities. Emphasizes interaction of neuromuscular circulatory, and respiratory mechanisms as affecting, and affected by, immediate exercise situations and physical training. Students who are not K&H or PHET majors may be allowed to register with permission of the instructor. *Prerequisites:* 2.75 GPA. For Kinesiology & Health majors: grade of C or better in MATH 1400/1405/1450, KIN 2040, KIN 2041, and ZOO 3115 or consent of department. For declared PHET major with the following courses completed: MATH 1400/1405/1450, KIN 2040, KIN 2041, and ZOO 3115.

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Subject code:

KIN

Number:

3034

Title:

Lifespan Motor Development

**REVIEWED**

*By Annette Suloff at 11:28 am, May 11, 2018*

Current course description and/or prerequisites:

Studies lifespan motor development. Emphasizes developmental periods of infancy through adolescence. Gives attention to observation and analysis of motor behavior and movement performance of individuals across lifespan. *Prerequisites:* PSYC 1000; junior status; 2.50 GPA. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changed course description (remove “offered fall semester”) and pre-requisites**

Studies lifespan motor development. Emphasizes developmental periods of infancy through adolescence. Gives attention to observation and analysis of motor behavior and movement performance of individuals across lifespan. *Prerequisites:* Grade of C or better in PSYC 1000; junior standing; 2.75 GPA.

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**REVIEWED**

*By Annette Suloff at 11:28 am, May 11, 2018*

Number:

3037

Title:

Sport Psychology

Current course description and/or prerequisites:

**3037 [PEPR 3037]. Sport Psychology. 3.** Studies psychological theories and techniques applied to sport to enhance the performance and personal growth of athletes and coaches. Emphasizes the influence of personality, anxiety, motivation, social factors, and psychological skills training. *Prerequisite:* Admitted to the last two years of one of the programs in DK&H. *Prerequisites:* PSYC 1000, junior status and 2.50 GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**3037 [PEPR 3037]. Sport Psychology. 3.** Studies psychological theories and techniques applied to sport to enhance the performance and personal growth of athletes and coaches. Emphasizes the influence of personality, anxiety, motivation, social factors, and psychological skills training. *Prerequisite:* Admitted to the last two years of one of the programs in DK&H. *Prerequisites:* Grade of C or better in PSYC 1000; concurrent enrollment in or completion of KIN 3021; 2.75 GPA.

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Subject code:

KIN

Number:

3038

Title:

Exercise Psychology

**REVIEWED**

**By Annette Suloff at 11:28 am, May 11, 2018**

Current course description and/or prerequisites:

**3038. Exercise Psychology. 3.** Studies psychological theories for understanding and predicting health-oriented exercise behavior, including psychological intentions for increasing exercise participation and adherence. Emphasizes psychological and psychobiological responses to exercise. *Prerequisites:* admitted to the last two years of one of the programs in DK&H.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**3038. Exercise Psychology. 3.** Studies psychological theories for understanding and predicting health-oriented exercise behavior, including psychological intentions for increasing exercise participation and adherence. Emphasizes psychological and psychobiological responses to exercise. *Prerequisites:* Grade of C or better in PSYC 1000; concurrent enrollment in or completion of KIN 3021; 2.75 GPA.

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KIN

Number:

3040

Title:

Teaching Human Anatomy

**REVIEWED**

*By Annette Suloff at 11:28 am, May 11, 2018*

Current course description and/or prerequisites:

**3040 [PEPR 3040]. Teaching Human Anatomy. 3.** Students develop communication and teaching skills while expanding their knowledge in anatomy. Under faculty instruction, each student develops lecture and laboratory lessons for all human anatomy systems. Under direct faculty supervision, each student demonstrates their teaching skills through preparation of videotape segments and actual laboratory teaching experience in the lower-division human anatomy course. *Prerequisites:* KIN/ZOO 2040, junior status and consent of instructor.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changed pre-requisites**

**3040 [PEPR 3040]. Teaching Human Anatomy. 3.** Students develop communication and teaching skills while expanding their knowledge in anatomy. Under faculty instruction, each student develops lecture and laboratory lessons for all human anatomy systems. Under direct faculty supervision, each student demonstrates their teaching skills through preparation of videotape segments and actual laboratory teaching experience in the lower-division human anatomy course. *Prerequisites:* 2.75 GPA and grade of B or better in KIN 2040 and consent of instructor.

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KIN

**REVIEWED**

**By Annette Suloff at 11:28 am, May 11, 2018**

Number:

3042

Title:

Biomechanics

Current course description and/or prerequisites:

**3042 [PEPR 3042]. Biomechanics of Human Movement. 3.** Introduces fundamental principles of human movement. Includes study and elementary analysis of human motion based on anatomical and mechanical principles. *Prerequisites:* KIN/ZOO 2040; PHYS 1050 or 1110 or 1210 or 1310; minimum 2.5 GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**3042 [PEPR 3042]. Biomechanics of Human Movement. 3.** Introduces fundamental principles of human movement. Includes study and elementary analysis of human motion based on anatomical and mechanical principles. *Prerequisites:* Grade of C or better in PHYS 1050 or 1110 or 1210 or 1310; completion of KIN 2040; and minimum 2.75 GPA.

*Departments should send one form per class to the college course committee.*

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KIN

**REVIEWED**

*By Annette Suloff at 11:28 am, May 11, 2018*

Number:

3044

Title:

Concepts in Physical Therapy

Current course description and/or prerequisites:

**3044. Concepts in Physical Therapy. 2.** Introduce and expand student knowledge of physical therapy. Designed for students interested in applying to Physical Therapy (PT) school. Content includes history of PT, therapist role in healthcare, trends in PT education, and effective communication (written and verbal) to support and prepare for the PT application process. *Prerequisite:* ZOO 3115 or equivalent human systems physiology course.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**3044. Concepts in Physical Therapy. 2.** Introduce and expand student knowledge of physical therapy. Designed for students interested in applying to Physical Therapy (PT) school. Content includes history of PT, therapist role in healthcare, trends in PT education, and effective communication (written and verbal) to support and prepare for the PT application process. *Prerequisite:* Concurrent enrollment in or completion of KIN 3021 or permission of instructor.

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Subject code:

KIN

**REVIEWED**

*By Annette Suloff at 11:29 am, May 11, 2018*

Number:

3050

Title:

Prevention and Care of Athletic Injuries

Current course description and/or prerequisites:

**3050 [PEPR 3050]. Prevention and Care of Athletic Injuries. 2.** Encompasses theory and practical work in the field of athletic training. Strongly emphasizes prevention and care of athletic injuries, including wrapping and taping techniques. *Prerequisites:* junior status; LIFE 1000 or 1010; minimum 2.5 GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**3050 [PEPR 3050]. Prevention and Care of Athletic Injuries. 2.** Encompasses theory and practical work in the field of athletic training. Strongly emphasizes prevention and care of athletic injuries, including wrapping and taping techniques. *Prerequisites:* junior standing; C or better in KIN 2040; minimum 2.75 GPA; or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

3052

**REVIEWED**

**By Annette Suloff at 11:29 am, May 11, 2018**

Title:

Rehabilitation of Athletic Injuries

Current course description and/or prerequisites:

**3052 [PEPR 3052]. Rehabilitation of Athletic Injuries. 3.** Provides a foundation of appropriate rehabilitation principles and techniques based on current research/rationale. The scope is inclusive of approaches applicable to common sports medicine problems. *Prerequisites:* KIN 2058 and 2078; minimum GPA of 2.50.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**3052 [PEPR 3052]. Rehabilitation of Athletic Injuries. 3.** Provides a foundation of appropriate rehabilitation principles and techniques based on current research/rationale. The scope is inclusive of approaches applicable to common sports medicine problems. *Prerequisites:* junior standing; C or better in KIN 2040; and minimum 2.75 GPA.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
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*Approved changes will be made in 2018-2019 University Catalog.*

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Subject code:

KIN

Number:

3058

**REVIEWED**

*By Annette Suloff at 11:29 am, May 11, 2018*

Title:

Therapeutic Modalities for the Athletic Trainer

Current course description and/or prerequisites:

**3058 [PEPR 3058]. Therapeutic Modalities for the Athletic Trainer. 3.** Provides the prospective athletic trainer with the knowledge and skill necessary to use therapeutic modalities for the health care of the physically active. *Prerequisites:* KIN 3052 and 3068; minimum GPA of 2.50.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**3058 [PEPR 3058]. Therapeutic Modalities for the Athletic Trainer. 3.** Provides the prospective athletic trainer with the knowledge and skill necessary to use therapeutic modalities for the health care of the physically active. *Prerequisites:* junior standing; C or better in KIN 2040; and minimum 2.75 GPA.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

3060

Title:

Understanding Skill Acquisition for Teaching

**REVIEWED**

*By Annette Suloff at 11:29 am, May 11, 2018*

Current course description and/or prerequisites:

**3060. Understanding Skill Acquisition for Teaching. 3.** Addresses practical questions specific to teaching physical activity - who are my students, what skills am I teaching, how do I teach skills effectively? Examine such concepts as individual differences, nature of motor skills, content and structure of skill practice, and the art of giving feedback. *Prerequisites:* PSYC 1000 or equivalent; admission to professional program in PHET..

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**3060. Understanding Skill Acquisition for Teaching. 3.** Addresses practical questions specific to teaching physical activity - who are my students, what skills am I teaching, how do I teach skills effectively? Examine such concepts as individual differences, nature of motor skills, content and structure of skill practice, and the art of giving feedback. *Prerequisites:* C or better in PSYC 1000; junior standing; declared major in KHP or PHET; 2.75 GPA; or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

3115

Title:

Human Systems Physiology

**REVIEWED**

*By Annette Suloff at 11:29 am, May 11, 2018*

Current course description and/or prerequisites:

3115. [KIN 2110, PEPR 2110]. Human Systems Physiology. 4.

Covers the fundamental function(s) of the human body systems, from cells and tissues through organs and systems, focusing also on biological communication and homeostasis. Students learn how to interpret physiological data. Includes laboratory and tutorial sessions. Fulfills degree requirement in physiology subsection for zoology major. Cross listed with ZOO 3115. Prerequisites: At least ((C in CHEM 1020 or CHEM 1050) or B in CHEM 1000) and C in LIFE 1010.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

*Course Action Requested: **discontinue KIN 3115 (The Department of Kinesiology has approved this request) (Remove crosslisting of ZOO 3115 with KIN 3115 is submitted on the "ZOO 3115 Memo in lieu of CARF" form.)***

*Departments should send one form per class to the college course committee.*

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KIN

**REVIEWED**

*By Annette Suloff at 11:29 am, May 11, 2018*

Number:

4001

Title:

Short Course in Physical Education for Undergraduates

Current course description and/or prerequisites:

**4001 [PEPR 4001]. Short Course in Physical Education for Undergraduates. 1-6 (Max. 6).** Highlights special topics in kinesiology at the undergraduate level, based on need. Maximum allowable credit is 6 semester hours. Offered S/U only. *Prerequisites:* junior status and 2.50 cumulative GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**4001 [PEPR 4001]. Short Course in Physical Education for Undergraduates. 1-6 (Max. 6).** Highlights special topics in kinesiology at the undergraduate level, based on need. Maximum allowable credit is 6 semester hours. Offered S/U only. *Prerequisites:* junior status; declared major in KHP or PHET; consent of undergraduate program coordinator.

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Subject code:

KIN

**REVIEWED**

*By Annette Suloff at 11:30 am, May 11, 2018*

Number:

4012

Title:

Curriculum Development in Physical Education

Current course description and/or prerequisites:

Focuses on the design of K-12 school physical education programs. It provides opportunities to study alternative curriculum models, engage in the process of curriculum design, and examine policy and theoretical issues of concern to curriculum designers.

Prerequisites: grade of C or better in KIN 3011, 3015 and 4080; 2.75 minimum cumulative GPA; concurrent enrollment in KIN 4017. (Offered fall semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Grade of C or better in KIN 3011, 3015 and 4080

*Departments should send one form per class to the college course committee.*

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KIN

**REVIEWED**

*By Annette Suloff at 11:30 am, May 11, 2018*

Number:

4013

Title:

School Administration for the Health Sciences.

Current course description and/or prerequisites:

Provides teaching majors with information about staff-administrator relationships in school settings. Topics include principles of leadership, school organization and culture, legal issues, financial issues, building and facilities management.

Prerequisites: senior status, acceptance into the Physical Education Teacher Education program, and minimum GPA of 2.75.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Grade C or better in KIN 3011, KIN 3015, KIN 4080.

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KIN

**REVIEWED**

*By Annette Suloff at 11:30 am, May 11, 2018*

Number:

4015

Title:

Internship Experience in Kinesiology

Current course description and/or prerequisites:

**4015 [PEPR 4015]. Internship Experience in Kinesiology. 1-12 (Max. 12).** Variable-credit (1-12) and S/U course required of Kinesiology and Health undergraduate majors to provide experiential learning in kinesiology and health in a real world setting. Intended to integrate theory and technique with practical application to expose students to areas of professional/career interest and assist with building professional careers. Cross listed with HLED 4015. *Prerequisites:* KIN 3010; KIN 3021; 2.5 grade point average.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course description and pre-requisites:**

**4015 [PEPR 4015]. Internship Experience in Kinesiology. 1-12 (Max. 12).** Variable-credit (1-12) and S/U course required of Kinesiology and Health undergraduate majors to provide experiential learning in kinesiology and health in a real world setting. Intended to integrate theory and technique with practical application to expose students to areas of professional/career interest and assist with building professional careers. Must have CPR/AED/1<sup>st</sup> Aid Certification prior to enrollment. Background check must be completed prior to start of course. Cross listed with HLED 4015. *Prerequisites:* Grade of C or better in KIN 3010; 2.75 GPA; completion of a minimum of 18 credits in KIN/HLED upper division coursework.

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Subject code:

KIN

**REVIEWED**

*By Annette Suloff at 11:31 am, May 11, 2018*

Number:

4016

Title:

Research Experience in Kinesiology and Health

Current course description and/or prerequisites:

**4016. Research Experience in Kinesiology and Health. 1-6 (Max. 6).** Offered to students who wish to gain a research experience in Kinesiology and Health. Meant for students who are interested in pursuing an advanced degree. Students may choose to complete KIN/HLED 4016 instead of KIN/HLED 4015. Cross listed with HLED 4016. *Prerequisites:* minimum junior standing; completed KIN 3021; minimum 2.50 GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course description and pre-requisites:**

**4016. Research Experience in Kinesiology and Health. 1-6 (Max. 6).** Offered to students who wish to gain a research experience in Kinesiology and Health. Meant for students who are interested in pursuing an advanced degree. Students may choose to complete KIN/HLED 4016 instead of KIN/HLED 4015. Must have CPR/AED/1<sup>st</sup> Aid certification prior to enrollment. Background check must be completed prior to start of course. Cross listed with HLED 4016. *Prerequisites:* minimum sophomore standing; declared KHP major; permission of instructor; 2.75 GPA.

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Subject code:

KIN

Number:

4020

Title:

Motor Behavior

**REVIEWED**

**By Annette Suloff at 11:32 am, May 11, 2018**

Current course description and/or prerequisites:

**4020. Motor Behavior. 3.** Provides undergraduate majors in kinesiology and health the foundation of motor learning and control theories to be applied to decisions related to the enhancement of human performance. *Prerequisites:* PSYC 1000 or equivalent course; admission to professional program in K&HP.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**4020. Motor Behavior. 3.** Provides undergraduate majors in kinesiology and health the foundation of motor learning and control theories to be applied to decisions related to the enhancement of human performance. *Prerequisites:* C or better in PSYC 1000; concurrent enrollment in or completion of KIN 3021; and 2.75 GPA.

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Subject code:

KIN

Number:

4024

**REVIEWED**

*By Annette Suloff at 11:32 am, May 11, 2018*

Title:

Physical Activity Epidemiology

Current course description and/or prerequisites:

**4024. Physical Activity Epidemiology. 3.** This course will examine physical activity from a public health perspective. Topics include study design, critical appraisal of research, assessment of physical activity, relationships between physical activity and health outcomes, and current issues in physical activity epidemiology. Dual listed with KIN 5024. *Prerequisites:* KIN 3021.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**4024. Physical Activity Epidemiology. 3.** This course will examine physical activity from a public health perspective. Topics include study design, critical appraisal of research, assessment of physical activity, relationships between physical activity and health outcomes, and current issues in physical activity epidemiology. Dual listed with KIN 5024. *Prerequisites:* completion of KIN 3021 and minimum 2.75 GPA

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Subject code:

KIN

Number:

4025

**REVIEWED**

*By Annette Suloff at 11:33 am, May 11, 2018*

Title:

Functional Movement Analysis

Current course description and/or prerequisites:

Synthesize foundational kinesiology knowledge to analyze functional movement patterns and increase theoretical and practical knowledge necessary to obtain Functional Movement Screen certification. Integration of core kinesiology and biomechanics concepts to a human movement model. Opportunities and emphasis on basic fundamental movements and applying acquired skills in practical experiences. *Prerequisite:* KIN 3021.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Synthesize foundational kinesiology knowledge to analyze functional movement patterns and increase theoretical and practical knowledge necessary to obtain Functional Movement Screen certification. Integration of core kinesiology and biomechanics concepts to a human movement model. Opportunities and emphasis on basic fundamental movements and applying acquired skills in practical experiences. *Prerequisite:* Completion of KIN 3021 and minimum 2.75 GPA.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

4029

Title:

Methods of Training and Conditioning

**REVIEWED**

*By Annette Suloff at 11:33 am, May 11, 2018*

Current course description and/or prerequisites:

Gives students knowledge and experience needed to develop and lead exercise training programs. Of interest to teachers, coaches and fitness leaders. *Prerequisites:* junior standing, KIN 3021 and minimum 2.50 GPA.  
(Offered spring semester)

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course description (remove “offered spring semester”) and pre-requisites:**

Gives students knowledge and experience needed to develop and lead exercise training programs. Of interest to teachers, coaches and fitness leaders. *Prerequisites:* Completion of KIN 3021 and minimum 2.75 GPA.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

4042

**REVIEWED**

***By Annette Suloff at 11:33 am, May 11, 2018***

Title:

Applied Biomechanics

Current course description and/or prerequisites:

Provides understanding of biomechanical theories and the application of biomechanical measurements to human movement in sports, training, and rehabilitation. Emphasis on using equipment to collect biomechanical data to answer research and clinical questions. Lecture and data collection topics include electromyography, force, balance, kinematics, and kinetics. *Prerequisite:* KIN 3042.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

Provides understanding of biomechanical theories and the application of biomechanical measurements to human movement in sports, training, and rehabilitation. Emphasis on using equipment to collect biomechanical data to answer research and clinical questions. Lecture and data collection topics include electromyography, force, balance, kinematics, and kinetics. *Prerequisite:* C or better in KIN 3042, minimum 2.75 GPA.

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Subject code:

KIN

Number:

4055

Title:

Adapted Physical Education.

**REVIEWED**

*By Annette Suloff at 11:33 am, May 11, 2018*

Current course description and/or prerequisites:

Presents skills necessary to plan, implement and evaluate individualized physical education programs in the least restrictive environment. Acquaints students with current laws, characteristics, assessment instruments and nationally validated programs in physical education for the disabled child.

Prerequisites: KIN 3034 and 2.50 GPA. (Offered spring semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Completion of KIN 3012.

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Subject code:

KIN

Number:

4056

Title:

Advanced Exercise Testing and Prescription

**REVIEWED**

**By Annette Suloff at 11:33 am, May 11, 2018**

**Current course description and/or prerequisites:**

Teaches foundational electrocardiography to perform graded exercise stress tests (GXT), performance of GXT's to health and diseased populations based on a health appraisal assessment. Knowledge used to develop comprehensive exercise prescriptions, make metabolic calculations. Emphasis on how physical activity, nutrition/weight management, and behavioral factors interact with exercise programming. Dual listed with KIN 5056. *Prerequisites:* completion of KIN 3010 and 3021; 2.5 GPA; CPR Certification

**Proposed new course description and/or prerequisites, or rationale for**

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in course description and prerequisites:**

Teaches foundational electrocardiography to perform graded exercise stress tests (GXT), performance of GXT's to healthy and diseased populations based on a health appraisal assessment. Knowledge used to develop comprehensive exercise prescriptions, make metabolic calculations. Emphasis on how physical activity, nutrition/weight management, and behavioral factors interact with exercise programming. Student must have CPR certification prior to first day of class. Dual listed with KIN 5056. *Prerequisites:* C or better in KIN 3021 and KIN 3010; and minimum 2.75 GPA.

*Departments should send one form per class to the college course committee.*

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KIN

**REVIEWED**

*By Annette Suloff at 11:33 am, May 11, 2018*

Number:

4062

Title:

Applied Concepts in Human Aging

Current course description and/or prerequisites:

**4062. Applied Concepts in Human Aging. 3.** Designed to integrate and apply concepts acquired in core KIN and HLED courses (e.g. human physiology, exercise physiology, health promotion, etc.) to the growing of older/aging adults. Age-related pathologies will be presented and discussed as will be the scientific method. *Prerequisites:* KIN 3021; minimum 2.5 GPA; junior standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course description and pre-requisites:**

**4062. Applied Concepts in Human Aging. 3.** Designed to integrate and apply concepts acquired in core KIN and HLED courses (e.g. human physiology, exercise physiology, health promotion, etc.) to older/aging adults. Age-related pathologies will be presented and discussed. *Prerequisites:* Completion of KIN 3010 and minimum 2.75 GPA.

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Subject code:

KIN

Number:

4065

**REVIEWED**

*By Annette Suloff at 11:33 am, May 11, 2018*

Title:

Resources in Adapted Physical Education.

Current course description and/or prerequisites:

Offers flexible credit for students interested in pursuing intensive study of resources for adapted physical education. Required for state endorsement in Adapted Physical Education.

Prerequisites: junior status, KIN 4055 and minimum 2.50 GPA.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Grade of C or better in KIN 4055.

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KIN

**REVIEWED**

***By Annette Suloff at 11:33 am, May 11, 2018***

Number:

4075

Title:

Assessment in Adapted Physical Education.

Current course description and/or prerequisites:

Designed to provide an overview of the assessment process in adapted physical education. Developmentally and disability appropriate psychomotor assessments and procedures for administering them are examined.

Prerequisites: KIN 4055, KIN 4080

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Grade of C or better in KIN 4055 and KIN 4080.

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KIN

**REVIEWED**

***By Annette Suloff at 11:33 am, May 11, 2018***

Number:

4080

Title:

Assessment in Adapted Physical Education.

Current course description and/or prerequisites:

Provides prospective teachers with a thorough knowledge of learner assessment as applied to physical education K-12.

Prerequisites: grade of C or better in KIN 3012 and 3034; 2.75 minimum cumulative GPA. (Offered spring semester)

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Grade of C or better in KIN 3012.

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Subject code:

KIN

Number:

4085

Title:

Honor Studies in Physical Education

**REVIEWED**

*By Annette Suloff at 11:33 am, May 11, 2018*

Current course description and/or prerequisites:

**4085 [PEPR 4085]. Honor Studies in Physical Education. 2-10 (Max. 10).** Provides flexible credit for undergraduate honor students to study under distinguished faculty in a specialized academic area of interest at UW or any other approved college or university. *Prerequisites:* 3.00 cumulative GPA and admission to physical education honors program.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in TITLE and pre-requisites:**

**4085 [PEPR 4085]. Honor Studies. 2-10 (Max. 10).** Provides flexible credit for undergraduate honor students to study under distinguished faculty in a specialized academic area of interest at UW or any other approved college or university. *Prerequisites:* Junior standing; 3.00 cumulative GPA; declared KHP or PHET major; and participation in UW Honors Program.

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Nov. 2017

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Subject code:

KIN

**REVIEWED**

*By Annette Suloff at 11:34 am, May 11, 2018*

Number:

4086

Title:

Honors Seminar

Current course description and/or prerequisites:

**4086 [PEPR 4086]. Honors Seminar. 2.** Independent study. Consists of in-depth application of experimental techniques and materials to appropriate academic areas which directly support students' majors. Offered for S/U grade only. *Prerequisites:* 3.00 cumulative GPA and admission to physical education honors program.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

**4086 [PEPR 4086]. Honors Seminar. 2.** Independent study. Consists of in-depth application of experimental techniques and materials to appropriate academic areas which directly support students' majors. Offered for S/U grade only. *Prerequisites:* Junior standing; 3.00 cumulative GPA; declared KHP or PHET major; and participation in UW Honors Program.

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KIN

Number:

4090

**REVIEWED**

*By Annette Suloff at 11:34 am, May 11, 2018*

Title:

Foundations in Coaching

Current course description and/or prerequisites:

**4090 [PEPR 4090]. Foundations of Coaching. 3.** Coaches must be effective teachers, trainers, fund-raisers, recruiters, motivators, administrators, and counselors. The major purpose of this course is to provide future coaches with current information about the eight domains of essential coaching skills identified in the NSSC. These domains include philosophy and ethics, safety and injury prevention, physical conditioning, growth and development, teaching and communication, sport skills and tactics, organization and administration, and evaluation. Dual listed with KIN 5090. *Prerequisites:* junior status and 2.5 cumulative GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

**4090 [PEPR 4090]. Foundations of Coaching. 3.** Coaches must be effective teachers, trainers, fund-raisers, recruiters, motivators, administrators, and counselors. The major purpose of this course is to provide future coaches with current information about the eight domains of essential coaching skills identified in the NSSC. These domains include philosophy and ethics, safety and injury prevention, physical conditioning, growth and development, teaching and communication, sport skills and tactics, organization and administration, and evaluation. Dual listed with KIN 5090. *Prerequisites:* sophomore status and 2.5 cumulative GPA.

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Subject code:

KIN

Number:

4097

Title:

Individual Problems

**REVIEWED**

*By Annette Suloff at 11:34 am, May 11, 2018*

Current course description and/or prerequisites:

**4097 [PEPR 4097]. Individual Problems. 1-3 (Max. 6).** Provides flexible credit for juniors and seniors who wish to undertake intensive study of a special problem in physical education. Offered S/U grade only. *Prerequisites:* junior status and 2.50 GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course descriptions and pre-requisites:**

**4097 [PEPR 4097]. Individual Problems. 1-3 (Max. 6).** Provides flexible credit for juniors and seniors who wish to undertake intensive study of a special problem in physical education or kinesiology & health. Offered S/U grade only. *Prerequisites:* Declared KHP or PHET major; junior standing; and 2.75 GPA.

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Subject code:

KIN

Number:

4099

**REVIEWED**

*By Annette Suloff at 11:34 am, May 11, 2018*

Title:

Student Teaching in Physical Education

Current course description and/or prerequisites:

Student teaching is the culminating experience required of all students in teacher education for graduation and recommendation for certification. Consists of full-time assignment of 16 weeks in an approved school station in Wyoming under supervision of an experienced, approved supervising teacher. Offered for S/U grade only.

Prerequisites: Completion of KIN 4012 and 4017; 2.5 GPA; consent of coordinator of student teaching in physical education.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Grade C or better in KIN 4017.

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Subject code:

KIN

Number:

5011

Title:

Understanding Variation of Human Movement

**REVIEWED**

*By Annette Suloff at 11:34 am, May 11, 2018*

Current course description and/or prerequisites:

**5011. Understanding Variation of Human Movement. 3.** Reconceptualize the variability of human movement using dynamical system theory as a new theoretical interpretations to the role of variability in motor behavior. Demonstrates how an understanding of variability can enhance the practice of educators, teachers, coaches, physiotherapists, and developmental specialists. *Prerequisite:* One course in any of the following areas evaluated and enforced by Kinesiology and Health Registrar/Credential Analyst: Motor Behavior/Learning/Control/Development; Cognitive Psychology; Biomechanics of Human Movement; Human Systems Physiology.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

**5011. Understanding Variation of Human Movement. 3.** Reconceptualize the variability of human movement using dynamical system theory as a new theoretical interpretations to the role of variability in motor behavior. Demonstrates how an understanding of variability can enhance the practice of educators, teachers, coaches, physiotherapists, and developmental specialists. *Prerequisite:* Graduate standing in KIN or permission of instructor.

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**REVIEWED**

*By Annette Suloff at 11:34 am, May 11, 2018*

Number:

5012

Title:

Curriculum Design in Physical Education

Current course description and/or prerequisites:

Addresses current problems of curriculum design and development in physical education, including foundational concerns, curriculum anatomy (aims, goals, objectives, content, evaluation), and problems associated with design (scope, sequence, relevance, continuity, articulation, balance, and integration).

Prerequisites: graduate standing, completion of a teacher certification program in physical education and teaching experience or permission of school.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Graduate Standing in KIN or permission of instructor.

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**REVIEWED**

*By Annette Suloff at 11:34 am, May 11, 2018*

Number:

5013

Title:

Spectrum of Teaching Styles

Current course description and/or prerequisites:

**5013. Spectrum of Teaching Styles. 3.** Explores the range of teaching styles and the appropriateness of their uses. Cross listed with KIN 5013. *Prerequisite:* graduate status.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**5013. Spectrum of Teaching Styles. 3.** Explores the range of teaching styles and the appropriateness of their uses. Cross listed with KIN 5013. *Prerequisite:* graduate standing in KIN or permission of instructor

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KIN

Number:

5014

Title:

Teaching Tactics in Sport-Based Physical Education

**REVIEWED**

*By Annette Suloff at 11:35 am, May 11, 2018*

Current course description and/or prerequisites:

**5014. Teaching Tactics in Sport-Based Physical Education. 3.** Introduces students to the instructional strategy of the Tactical Games Approach (Mitchell, Oslin, & Griffin, 2006) of teaching sport-based activities in physical education. Emphasis is on planning, implementing, assessing and evaluating the tactical approach within the K-12 physical education context. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**5014. Teaching Tactics in Sport-Based Physical Education. 3.** Introduces students to the instructional strategy of the Tactical Games Approach (Mitchell, Oslin, & Griffin, 2006) of teaching sport-based activities in physical education. Emphasis is on planning, implementing, assessing and evaluating the tactical approach within the K-12 physical education context. *Prerequisite:* graduate standing in KIN or permission of instructor

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**REVIEWED**

*By Annette Suloff at 11:35 am, May 11, 2018*

Number:

5016

Title:

Analysis and Supervision of Teaching Physical Education

Current course description and/or prerequisites:

**5016. Analysis and Supervision of Teaching Physical Education. 3.** Students are introduced to various evaluative and supervisory techniques which are designed to improve teaching effectiveness and student learning. Emphasis is placed on utilizing various strategies of evaluation in instructional settings. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**5016. Analysis and Supervision of Teaching Physical Education. 3.** Students are introduced to various evaluative and supervisory techniques which are designed to improve teaching effectiveness and student learning. Emphasis is placed on utilizing various strategies of evaluation in instructional settings. *Prerequisite:* graduate standing in KIN or permission of instructor.

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Number:

5017

**REVIEWED**

*By Annette Suloff at 11:35 am, May 11, 2018*

Title:

Research on Teaching Physical and Health Education

Current course description and/or prerequisites:

**5017. Research on Teaching Physical and Health Education. 3.** Survey of techniques, paradigms, and findings of research on teaching. Cross listed with KIN 5017. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in pre-requisites:**

**5017. Research on Teaching Physical and Health Education. 3.** Survey of techniques, paradigms, and findings of research on teaching. Cross listed with KIN 5017. *Prerequisite:* graduate standing in KIN or permission of instructor.

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Number:

5018

**REVIEWED**

*By Annette Suloff at 11:35 am, May 11, 2018*

Title:

Psychology of Teaching Physical Education

Current course description and/or prerequisites:

Weaves together theory, research, and practical information related to the psychological aspects of teaching physical education. It shows how you can use psychological principles and strategies to manage behavior, motivate students, achieve program goals, and establish a positive learning environment.

*Prerequisite:* Acceptance into Kinesiology and Health Masters program

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change Prerequisites:**

Graduate Standing in KIN or permission of instructor

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Subject code:

KIN

This should be KIN 5015. Lane B.

Number:

5019

Title:

Instructional Models for Physical Education

Current course description and/or prerequisites:

**5019. Instructional Models for Physical Education. 3.** This course will introduce students to model-based instruction for physical education (Metzler, 2011). Emphasis will be placed on analyzing, planning, and implementing various instructional models within a K-12 physical education context. Prerequisite: graduate standing.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in prerequisites:**

**5019. Instructional Models for Physical Education. 3.** This course will introduce students to model-based instruction for physical education (Metzler, 2011). Emphasis will be placed on analyzing, planning, and implementing various instructional models within a K-12 physical education context. Prerequisite: graduate standing in KIN or permission of instructor.

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KIN

Number:

5024

**REVIEWED**

*By Annette Suloff at 11:35 am, May 11, 2018*

Title:

Physical Activity Epidemiology

Current course description and/or prerequisites:

**5024. Physical Activity Epidemiology. 3.** This course will examine physical activity from a public health perspective. Topics include study design, critical appraisal of research, assessment of physical activity, relationships between physical activity and health outcomes, and current issues in physical activity epidemiology. Dual listed with KIN 4024. *Prerequisites:* KIN 3021.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in prerequisites:**

**5024. Physical Activity Epidemiology. 3.** This course will examine physical activity from a public health perspective. Topics include study design, critical appraisal of research, assessment of physical activity, relationships between physical activity and health outcomes, and current issues in physical activity epidemiology. Dual listed with KIN 4024. *Prerequisites:* Completion of KIN 3021, graduate standing in KIN or permission of instructor.

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**REVIEWED**

*By Annette Suloff at 11:35 am, May 11, 2018*

Number:

5025

Title:

Exercise Physiology II

Current course description and/or prerequisites:

**5025. Exercise Physiology II. 2-4 (Max. 4).** Provides interested students with an additional opportunity to study selected aspects of exercise physiology. Research and investigation are emphasized. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in prerequisites:**

**5025. Exercise Physiology II. 2-4 (Max. 4).** Provides interested students with an additional opportunity to study selected aspects of exercise physiology. Research and investigation are emphasized. *Prerequisite:* graduate standing in KIN

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KIN

Number:

5029

**REVIEWED**

*By Annette Suloff at 11:36 am, May 11, 2018*

Title:

Methods of Training and Conditioning

Current course description and/or prerequisites:

**5029. Methods of Training and Conditioning. 3.** Upper-level applied exercise training and conditioning course aimed at giving students the knowledge and experience needed to develop and lead exercise training programs. It will be of interest to teachers, coaches, and fitness leaders. Dual listed with KIN 4029. *Prerequisites:* junior standing, KIN 3021 and a minimum 2.50 GPA.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in prerequisites:**

**5029. Methods of Training and Conditioning. 3.** Upper-level applied exercise training and conditioning course aimed at giving students the knowledge and experience needed to develop and lead exercise training programs. It will be of interest to teachers, coaches, and fitness leaders. Dual listed with KIN 4029. *Prerequisites:* Graduate standing in KIN or permission of instructor

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Subject code:

KIN

Number:

5034

Title:

Lifespan Growth and Psychomotor Development

**REVIEWED**

*By Annette Suloff at 11:36 am, May 11, 2018*

Current course description and/or prerequisites:

Takes a scholarly approach to the subject of psychomotor development, with particular emphasis on the theoretical and scientific examination of motor behavior as it changes over time. Emphasis is placed on observing movement and analyzing changes in it. *Prerequisites:* graduate standing, KIN 3034 or equivalent.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in prerequisites:**

Takes a scholarly approach to the subject of psychomotor development, with particular emphasis on the theoretical and scientific examination of motor behavior as it changes over time. Emphasis is placed on observing movement and analyzing changes in it. *Prerequisites:* Graduate standing in KIN and C or better in KIN 3034 or permission of instructor.

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KIN

Number:

5035

Title:

Sociology of Sport

**REVIEWED**

*By Annette Suloff at 11:36 am, May 11, 2018*

Current course description and/or prerequisites:

**5035. Sociology of Sport. 3.** Study of the social aspects of sport and play. Includes concepts, research studies, and theories related to such topics as politics, economies, crowd behavior, religion, sexual identity and gender, and ethical and moral values related to sport. *Prerequisites:* graduate standing and a general sociology course.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in prerequisites:**

**5035. Sociology of Sport. 3.** Study of the social aspects of sport and play. Includes concepts, research studies, and theories related to such topics as politics, economies, crowd behavior, religion, sexual identity and gender, and ethical and moral values related to sport. *Prerequisites:* graduate standing in KIN and a general sociology course.

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**REVIEWED**

*By Annette Suloff at 11:36 am, May 11, 2018*

Number:

5038

Title:

Advances in Research on Sport Expertise

Current course description and/or prerequisites:

**5038. Advances in Research on Sport Expertise. 3.** Examines the science behind skill acquisition in sport and explores the application of science to optimal training for achieving and retaining elite performance. Different theories will be compared to reveal how "perfection" is made by "practice." *Prerequisites:* graduate standing with experience of taking undergraduate courses in Motor Behavior, Cognitive Psychology, Sport Psychology, or Coaching.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**\*Please note: The grading option for KIN 5038 needs to be changed from S/U grading to letter grade.**

**Changes in pre-requisites:**

**5038. Advances in Research on Sport Expertise. 3.** Examines the science behind skill acquisition in sport and explores the application of science to optimal training for achieving and retaining elite performance. Different theories will be compared to reveal how "perfection" is made by "practice." *Prerequisites:* Graduate standing in KIN or permission of instructor.

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**REVIEWED**

*By Annette Suloff at 11:36 am, May 11, 2018*

Number:

5039

Title:

Perception and Action in Motor Skills

Current course description and/or prerequisites:

**5039. Perception and Action in Motor Skills. 3.** For graduate students who have general interest in understanding how the human perceptual system is coping with the human action system in performing skilled motor tasks. An overview of the existing theories and studies in the field will be provided with sufficient breadth and depth. *Prerequisite:* undergraduate prerequisite course in one of the following areas: Motor Behavior (Motor Learning, Control, or Development); Cognitive Psychology; Human Biomechanics; Human Physiology.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

**5039. Perception and Action in Motor Skills. 3.** For graduate students who have general interest in understanding how the human perceptual system is coping with the human action system in performing skilled motor tasks. An overview of the existing theories and studies in the field will be provided with sufficient breadth and depth. *Prerequisite:* Graduate standing in KIN or permission of instructor.

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**REVIEWED**

*By Annette Suloff at 11:36 am, May 11, 2018*

Number:

5046

Title:

Applied Biomechanics and Programming

Current course description and/or prerequisites:

**5046. Applied Biomechanics and Programming. 3.** Understand advanced biomechanical theories and utilize MATLAB programming to perform signal process and calculate 3-dimensional ground reaction force, center of pressure, electromyography, and 2-dimensional and 3-dimensional kinematics and kinetics. Emphasize on computational biomechanics and code writing in MATLAB. *Prerequisite:* KIN 3042, graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

**5046. Applied Biomechanics and Programming. 3.** Understand advanced biomechanical theories and utilize MATLAB programming to perform signal process and calculate 3-dimensional ground reaction force, center of pressure, electromyography, and 2-dimensional and 3-dimensional kinematics and kinetics. Emphasize on computational biomechanics and code writing in MATLAB. *Prerequisite:* C or better in KIN 3042; Graduate Standing in KIN or permission of instructor.

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**REVIEWED**

*By Annette Suloff at 11:36 am, May 11, 2018*

Number:

5047

Title:

Biomechanics in Sport

**Current course description and/or prerequisites:**

Understand the biomechanics of selected sports and the procedures to perform biomechanical analysis of sports techniques. Understand the characteristics of different loadings and their effects on human bodies and the biomechanical mechanisms of sports injuries. *Prerequisite:* KIN 3042, graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

Understand the biomechanics of selected sports and the procedures to perform biomechanical analysis of sports techniques. Understand the characteristics of different loadings and their effects on human bodies and the biomechanical mechanisms of sports injuries. *Prerequisite:* C or better in KIN 3042; Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
for minor changes to course descriptions and/or prerequisites, or to discontinue courses,  
to be effective for 2018-2019 *University Catalog*

Subject code:

KIN

Number:

5056

**REVIEWED**

*By Annette Suloff at 11:37 am, May 11, 2018*

Title:

Advanced Exercise Testing and Prescription

**Current course description and/or prerequisites:**

Teaches foundational electrocardiography to perform graded exercise stress tests (GXT), performance GXTs to health and diseased populations based on a health appraisal assessment. Knowledge used to develop comprehensive exercise prescriptions, make metabolic calculations. Emphasis on how physical activity, nutrition/weight management, and behavioral factors interact with exercise programming. Dual listed with KIN 4056. *Prerequisites:* completion of KIN 3010 and 3021; 2.5 GPA; CPR certification.

**Proposed new course description and/or prerequisites, or rationale for**

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Change in course description and prerequisites:**

Teaches foundational electrocardiography to perform graded exercise stress tests (GXT), performance of GXT's to healthy and diseased populations based on a health appraisal assessment. Knowledge used to develop comprehensive exercise prescriptions, make metabolic calculations. Emphasis on how physical activity, nutrition/weight management, and behavioral factors interact with exercise programming. Student must have CPR/AED/1<sup>st</sup> Aid certification prior to first day of class. Dual listed with KIN 5056. *Prerequisites:* C or better in KIN 3021 and KIN 3010; graduate standing in KIN; or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Office of the Registrar  
Nov. 2017

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Subject code:

KIN

Number:

5062

**REVIEWED**

*By Annette Suloff at 11:37 am, May 11, 2018*

Title:

Applied Concepts in Human Aging

Current course description and/or prerequisites:

**5062. Applied Concepts in Human Aging. 3.** Designed to integrate and apply concepts acquired in core KIN and HLED courses (e.g. human physiology, health promotion, etc.) to the growing population of older/aging adults. Age-related pathologies are presented and discussed as is the scientific method. Dual listed with KIN 4062. *Prerequisites:* KIN 3021; minimum 2.50 GPA; junior standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course description and pre-requisites:**

**5062. Applied Concepts in Human Aging. 3.** Designed to integrate and apply concepts acquired in core KIN and HLED courses (e.g. human physiology, health promotion, etc.) to older/aging adults. Age-related pathologies are presented and discussed. Dual listed with KIN 4062. *Prerequisites:* Graduate standing in KIN or permission of instructor.

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Subject code:

KIN

**REVIEWED**

*By Annette Suloff at 11:37 am, May 11, 2018*

Number:

5080

Title:

Investigations in Kinesiology and Health

Current course description and/or prerequisites:

**5080. Investigations in Kinesiology and Health. 1-3 (Max. 3).** Designed to develop Master of Science level graduate students into critical consumers of research. An additional purpose is to develop research skills to the level necessary to complete a master of science Plan B paper. Cross listed with HLED  
5080. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

**5080. Investigations in Kinesiology and Health. 1-3 (Max. 3).** Designed to develop Master of Science level graduate students into critical consumers of research. An additional purpose is to develop research skills to the level necessary to complete a master of science Plan B paper. Cross listed with HLED  
5080. *Prerequisite:* graduate standing in KIN or permission of instructor.

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Subject code:

KIN

Number:

5085

Title:

Research Methods

**REVIEWED**

***By Annette Suloff at 11:37 am, May 11, 2018***

Current course description and/or prerequisites:

Focuses on methods and techniques for evaluating and conducting research. Potential and completed research problems are analyzed and evaluated. Research processes are reviewed with emphasis on application. Standards for writing literature reviews and research proposals are also emphasized. *Prerequisite:* admission to the UW Division of Kinesiology and Health's graduate program.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

Focuses on methods and techniques for evaluating and conducting research. Potential and completed research problems are analyzed and evaluated. Research processes are reviewed with emphasis on application. Standards for writing literature reviews and research proposals are also emphasized. *Prerequisite:* Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

5086

**REVIEWED**

*By Annette Suloff at 11:37 am, May 11, 2018*

Title:

Qualitative Research Methods

**Current course description and/or prerequisites:**

This course presents students with an introduction to qualitative research methods, designs, and analysis. This involves: creation of purpose statement and research questions, development of designs, hands-on data collection, data analysis, and writing up qualitative studies. Issues related to trustworthiness, ethics, credibility, and transferability of qualitative research will be addressed. *Prerequisite:* graduate standing.

**Proposed new course description and/or prerequisites, or rationale for**

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

This course presents students with an introduction to qualitative research methods, designs, and analysis. This involves: creation of purpose statement and research questions, development of designs, hands-on data collection, data analysis, and writing up qualitative studies. Issues related to trustworthiness, ethics, credibility, and transferability of qualitative research will be addressed. *Prerequisite:* Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Nov. 2017

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Subject code:

KIN

**REVIEWED**

*By Annette Suloff at 11:37 am, May 11, 2018*

Number:

5090

Title:

Foundations of Coaching

Current course description and/or prerequisites:

Coaches must be effective teachers, trainers, fund-raisers, recruiters, motivators, administrators, and counselors. The major purpose of this course is to provide future coaches with current information about the eight domains of essential coaching skills identified in the NSSC. These domains include philosophy and ethics, safety and injury prevention, physical conditioning, growth and development, teaching and communication, sport skills and tactics, organization and administration, and evaluation. Dual listed with KIN 4090. *Prerequisite:* graduate status.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

Coaches must be effective teachers, trainers, fund-raisers, recruiters, motivators, administrators, and counselors. The major purpose of this course is to provide future coaches with current information about the eight domains of essential coaching skills identified in the NSSC. These domains include philosophy and ethics, safety and injury prevention, physical conditioning, growth and development, teaching and communication, sport skills and tactics, organization and administration, and evaluation. Dual listed with KIN 4090. *Prerequisite:* Graduate status in KIN or permission of instructor.

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Office of the Registrar  
Nov. 2017

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to be effective for 2018-2019 *University Catalog*

Subject code:

KIN

Number:

5097

Title:

Individual Problems

Current course description and/or prerequisites:

**5097. Individual Problems. 1-3 (Max. 6).** Provides flexible credit for students who wish to undertake intensive study of a special problem identified in a regular class. Cross listed with HLED 5097. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Changes in pre-requisites:

dm 3/16/18

**5097. Individual Problems. 1-3 (Max. 6).** Provides flexible credit for students who wish to undertake intensive study of a special problem identified in a regular class. Cross listed with HLED 5097. *Prerequisite:* graduate standing in KIN or permission of instructor.

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Nov. 2017

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Subject code:

KIN

Number:

5536

Title:

Sport Psychology

Current course description and/or prerequisites:

Examines theoretical, research, and professional issues in contemporary sports psychology. Basic research design, including quasi-experimental design are covered, particularly to discuss the outcome studies or proposed applications such as imagery and hypnosis. Development of applied sport psychology and proposed interventions with sport behavior are viewed in relation to the development of these approaches, related training issues and outcome research. Identical to PSYC 5536. *Prerequisites:* graduate standing, sport or general psychology course, and consent of instructor.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

dm 3/16/18

Examines theoretical, research, and professional issues in contemporary sports psychology. Basic research design, including quasi-experimental design are covered, particularly to discuss the outcome studies or proposed applications such as imagery and hypnosis. Development of applied sport psychology and proposed interventions with sport behavior are viewed in relation to the development of these approaches, related training issues and outcome research. Identical to PSYC 5536. *Prerequisites:* B or better in KIN 3037; Graduate standing in KIN, or permission of instructor.

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Subject code:

KIN

Number:

5537

Title:

Exercise Psychology

Current course description and/or prerequisites:

Focuses on key conceptual issues and research in exercise psychology and the application of research findings in a variety of physical activity settings. Specific content areas include psychological benefits of physical activity, exercise adherence, public health and exercise issues, theory, and determinants of physical activity, interventions for adoption and maintenance, and professional ethics. *Prerequisites:* graduate standing, KIN 3037.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites:**

dm 3/16/18

Focuses on key conceptual issues and research in exercise psychology and the application of research findings in a variety of physical activity settings. Specific content areas include psychological benefits of physical activity, exercise adherence, public health and exercise issues, theory, and determinants of physical activity, interventions for adoption and maintenance, and professional ethics. *Prerequisites:* Graduate standing in KIN and B or better in KIN 3038 or permission of instructor.

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Nov. 2017

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Subject code:

KIN

Number:

5586

Title:

Seminar

Current course description and/or prerequisites:

**5586. Seminar. 1-6 (Max. 8).** Graduate students in kinesiology and health work intensively on current issues and problems, and may pursue specific areas of emphasis. Although a total of 8 hours is permitted under this number, only 6 hours are allowed by the Division of Kinesiology and Health toward a student's graduate program. Cross listed with HLED 5586. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Changes in pre-requisites:

dm 3/16/18

**5586. Seminar. 1-6 (Max. 8).** Graduate students in kinesiology and health work intensively on current issues and problems, and may pursue specific areas of emphasis. Although a total of 8 hours is permitted under this number, only 6 hours are allowed by the Division of Kinesiology and Health toward a student's graduate program. Cross listed with HLED 5586. *Prerequisite:* graduate standing in KIN or permission of instructor.

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Subject code:

KIN

Number:

5587

Title:

Special Problems

Current course description and/or prerequisites:

**5587. Special Problems. 1-6 (Max. 9).** Provides a broad perspective through selected reading material and wherever possible the student collects and uses original information in practical school situations. All work is done independently under the direction of a faculty member. As many conferences are held as necessary to assure successful completion of the project. *Prerequisite:* consent of instructor and division director, graduate status.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Changes in course description and pre-requisites:

dm 3/16/18

**5587. Special Problems. 1-6 (Max. 9).** Provides a broad perspective through selected reading material and wherever possible the student collects and uses original information in practical situations. All work is done independently under the direction of a faculty member. As many conferences are held as necessary to assure successful completion of the project. *Prerequisite:* Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

5900

Title:

Practicum in College Teaching

Current course description and/or prerequisites:

**5900. Practicum in College Teaching. 1-3 (Max. 3).** Work in classroom with a major professor. Expected to give some lectures and gain classroom experience. *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in course description and pre-requisites:**

dm 3/16/18

**5900. Practicum in College Teaching. 1-3 (Max. 3).** Work in classroom with a major professor. Expected to give some lectures and gain classroom teaching experience. *Prerequisite:* Graduate standing in KIN or permission of instructor.

*Departments should send one form per class to the college course committee.*

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Subject code:

KIN

Number:

5920

Title:

Continuing Registration: On Campus

Current course description and/or prerequisites:

**5920. Continuing Registration: On Campus. 1-2 (Max. 16).** *Prerequisite:* advanced degree candidacy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Changes in pre-requisites:

dm 3/16/18

**5920. Continuing Registration: On Campus. 1-2 (Max. 16).** *Prerequisite:* advanced degree candidacy in  
KIN

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Office of the Registrar  
Nov. 2017

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Subject code:

KIN

Number:

5940

Title:

Continuing Registration: Off Campus

Current course description and/or prerequisites:

**5940. Continuing Registration: Off Campus. 1-2 (Max. 16).** *Prerequisite:* advanced degree candidacy.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Changes in pre-requisites:

dm 3/16/18

**5940. Continuing Registration: Off Campus. 1-2 (Max. 16).** *Prerequisite:* advanced degree candidacy in  
KIN

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Subject code:

KIN

Number:

5960

Title:

Thesis Research

Current course description and/or prerequisites:

**5960. Thesis Research. 1-12 (Max. 24).** Designed for students who are involved in research for their thesis project. Also used for students whose coursework is complete and are writing their thesis. *Prerequisite:* enrollment in a graduate degree program.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Changes in pre-requisites:

dm 3/16/18

**5960. Thesis Research. 1-12 (Max. 24).** Designed for students who are involved in research for their thesis project. Also used for students whose coursework is complete and are writing their thesis. *Prerequisite:* graduate standing in KIN or permission of instructor.

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Nov. 2017

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Subject code:

KIN

Number:

5980

Title:

Dissertation Research

Current course description and/or prerequisites:

**5980. Dissertation Research. 1-12 (Max. 48).** Graduate level course designed for students who are involved in research for their dissertation project. Also used for students whose coursework is complete and are writing their dissertation. *Prerequisite:* enrollment in a graduate degree program.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

Changes in pre-requisites:

dm 3/16/18

**5980. Dissertation Research. 1-12 (Max. 48).** Graduate level course designed for students who are involved in research for their dissertation project. Also used for students whose coursework is complete and are writing their dissertation. *Prerequisite:* graduate standing in KIN or permission of instructor.

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Nov. 2017

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Subject code:

KIN

Number:

5990

Title:

Internship

Current course description and/or prerequisites:

dm 3/16/18

**5990. Internship. 1-12 (Max. 24).** *Prerequisite:* graduate standing.

Proposed new course description and/or prerequisites, or rationale for

discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Changes in pre-requisites and max credit allowance:**

**5990. Internship. 1-12 (Max. 12).** *Prerequisite:* graduate standing in KIN or permission of instructor.

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Nov. 2017

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to be effective for 2018-2019 *University Catalog*

Subject code:

KIN and HLED

dm 3/16/18

Number:

XXXX

Title:

Courses to be deleted

Current course description and/or prerequisites:

**Multiple courses and course descriptions are attached. Courses need to be deleted as they are inactive and faculty no longer teach these classes.**

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

**Multiple courses and course descriptions are attached. Courses need to be deleted as they are inactive and faculty no longer teach these classes.**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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**From:** Matthew David Troyanek  
**Sent:** Thursday, March 16, 2017 5:27 PM  
**To:** Jennifer A Martin  
**Subject:** RE: KHP Course Deletions (CARFs)

Jennifer,

dm 3/16/18

I spoke to Lane.

You can make a single CARF saying what you want to do, noting to see the list in an accompanying letter.

The letter should have a list of the courses to remove, in a columned list that is single spaced.

The CARF can be filled out to reference the Course Number and Title as: KIN XXXX See attached list of courses to remove.

Best regards,

Matthew Troyanek  
Senior Office Associate  
Office of the Registrar  
1000 E. University Ave., Dept 3964  
Laramie, WY 82071  
307-766-5724  
307-766-3960 fax

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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~~KIN 1004~~

~~KIN 1005~~

~~KIN 2002~~

~~KIN 2012~~

~~KIN 2015~~

~~KIN 2017~~

~~KIN 2069~~

~~KIN 2080~~

~~KIN 2081~~

~~KIN 2082~~

~~KIN 2083~~

~~KIN 2084~~

~~KIN 2085~~

~~KIN 2086~~

~~KIN 2087~~

~~KIN 2088~~

~~KIN 2089~~

~~KIN 2091~~

~~KIN 2092~~

~~KIN 4066~~

~~KIN 5001~~

~~KIN 5017~~

~~KIN 5020~~

~~KIN 5021~~

~~KIN 5022~~

~~KIN 5023~~

~~HLED 2221~~

~~HLED 3000~~

~~HLED 4004~~

~~HLED 4010~~

~~HLED 4040~~

~~HLED 5004~~

~~HLED 5010~~

~~HLED 5035~~

~~HLED 5040~~

~~HLED 5115~~

~~PEAC 1000~~

~~PEAC 1012~~

~~PEAT 2010~~

~~PEAT 2051~~

~~PEAT 2054~~

~~PEAT 2056~~

~~PEAT 2062~~

~~PEAT 2063~~

~~PEAT 2064~~

~~PEAT 2065~~

~~PEAT 2070~~

~~PEAT 2071~~

dm 3/16/18

## KIN COURSES

**1004 [PEPR 1004]. Foundations of Physical Education. 3.** [I,L<>{none}] An introductory course designed to acquaint first year or second year students to the academic discipline of physical education with an emphasis on the teaching career. Cross listed with HLED 1004.

**1005 [PEPR 1005]. Kinesiology, Health, and Teaching Physical Activity. 3.** [I,L<>{none}] A survey of the disciplines of kinesiology, health, and teaching physical activity. Students master knowledge specific to kinesiology, health, and teaching physical activity while developing critical thinking skills and basic competence in communication skills and information literacy.

**2002 Movement Core III: Fundamental Motor Skills. 2.** Designed to provide pre-service physical education teachers with the content and teaching strategies associated with teaching motor skills to school aged children grades K-5. Students learn both skill themes and movement concepts. Students have the opportunity to apply skills and knowledge in a practical experience with young children in a school based PE setting. *Prerequisites:* sophomore standing, declared PHET major, completion or concurrent enrollment in MATH 1400.

**2012 [PEPR 2012]. Physical Education for Elementary Schools. 2.** Emphasizes impact that a sound elementary physical education program can have on growth and development of healthy children. Students identify the need for a balanced physical education program. Focuses on curriculum, teaching styles, class management and instruction. *Prerequisite:* EDFD 2040 or consent of instructor.

**2015 [PEPR 2015]. Methods of Teaching Social Dance Forms. 1.** Develops a large repertoire in folk, square, round and social dance. Students acquire knowledge and confidence in methods of teaching these forms. *Prerequisite:* KIN 1031.

**2017 [PEPR 2017]. Water Safety Instructors' Course. 1.** Examines procedures and standards as required by the American Red Cross in analysis, performances and teaching techniques. Includes five styles of swimming and senior lifesaving. *Prerequisites:* 18 years of age and a current Senior Life Saving Certificate.

**2069 [PEPR 2069]. History and Philosophy of Sport. 3.** Discusses history of sport with emphasis on contributions of Greeks and Romans. Studies influence of Scandinavian countries, Germany and other European nations, plus sports and games of the American Indians. Includes sports in the U.S. from colonial period through present and influence of selected educational philosophers on sports. (Offered fall semester)

**2080 [3090, PEPR 3090]. Coaching Football. 2.** For those who wish to become proficient in skills and techniques of teaching fundamentals and team organization of modern football. Presents use of audiovisual materials for teaching and scouting purposes. *Prerequisite:* successful completion of USP core requirement I. (Offered spring semester)

**2081 [3091, PEPR 3091]. Coaching Basketball. 2.** For all men and women wishing to coach basketball. Presents organization of practice schedule, meeting the public, varsity travel and fundamentals of offense and defense. *Prerequisite:* successful completion of USP core requirement I. (Offered fall semester)

**2082 [3092, PEPR 3092] Coaching Track and Field. 2.** For those interested in teaching or coaching track and field. *Prerequisite:* successful completion of USP core requirement I. (Offered fall semester)

**2083 [3093, PEPR 3093]. Coaching Swimming. 2.** Acquaints students with many different aspects of aquatics; provides understanding of rhythmical parts of selected swimming strokes; explains water safety; discusses teaching and coaching aspect of a total swimming program. *Prerequisite:* successful completion of USP core requirement I. (Offered fall semester)

**2084 [3094, PEPR 3094]. Coaching Wrestling. 2.** Acquaints and prepares students with theory and techniques involved in teaching and coaching wrestling. *Prerequisite:* successful completion of USP core requirement I. (Offered spring semester)

**2085 [3095, PEPR 3095]. Coaching Volleyball. 2.** Encompasses techniques of coaching volleyball with emphasis on skill analysis, strategy, team dynamics and training. *Prerequisite:* successful completion of USP core requirement I. (Offered fall semester)

**2086 [3096, PEPR 3096]. Coaching Gymnastics. 2.** Helps students organize and administer competitive gymnastics program and introduces coaching and training philosophies used in gymnastics. *Prerequisite:* successful completion of USP core requirement I. (Offered fall semester)



2087 [3097, PEPR 3097]. Coaching Baseball. 2. Encompasses theories and techniques of coaching baseball. Emphasizes team and individual position play. <i>Prerequisite:</i> successful completion of USP core requirement I. (Offered fall semester)
2088 [3098, PEPR 3098]. Coaching Tennis. 2. Examines techniques of coaching tennis. Emphasizes skill analysis, strategy and training. <i>Prerequisite:</i> successful completion of USP core requirement I. (Offered spring semester)
2089 [3099, PEPR 3099]. Coaching Soccer. 2. Explores techniques of coaching soccer. Emphasizes skill analysis, strategy, team dynamics and training. <i>Prerequisite:</i> successful completion of USP core requirement I.
2091 [PEPR 2091]. Rules and Techniques of Athletic Officiating I. 2. Surveys techniques and rules of athletic officiating. Emphasizes principles and procedures necessary to become an effective official. Laboratory experience in officiating is provided that covers the officiating aspects of football, cross country, basketball and wrestling.
2092 [PEPR 2092]. Rules and Techniques of Athletic Officiating II. 2. Surveys techniques and rules of athletic officiating. Emphasizes principles and procedures necessary to become an effective official. Provides laboratory experience in officiating, covering officiating aspects of swimming, volleyball, track and field and baseball.
4066. Biological Factors Influencing Exercise Performance. 3. Application of physiological responses to exercise to special conditions. A focus on skeletal muscle fiber typing and the importance of fiber type distribution in athletics. Factors like nutritional needs of athletes, use of ergogenic aids, the female and child athlete, exercise in "hostile" environments, and long term competitive events covered. <i>Prerequisites:</i> KIN 3021; 2.50 GPA.
5001. Short Course. 1-6 (Max. 6). Used for special topics in physical education on the basis of need. Each department in the college may make offerings under this number, the maximum allowable credit for each department is 6 semester hours. Offered satisfactory/unsatisfactory only. <i>Prerequisites:</i> graduate standing.
5017. Research on Teaching Physical and Health Education. 3. Survey of techniques, paradigms, and findings of research on teaching. Cross listed with HLED 5017. <i>Prerequisite:</i> graduate standing.
5020. Modalities and Administration in Athletic Training. 3. Emphasis on professional development and ability to research and compile information. Students will have opportunity to develop administrative skills related to the day-to-day operations of an athletic training room including budgeting, ordering, inventory, and facility maintenance. Students will develop an understanding of hiring practices within a healthcare facility. <i>Prerequisites:</i> Graduate level standing, NATA-BOC certification, and a Graduate Assistant Athletic Trainer in the Athletic Department.
5021. Pharmacology and Rehabilitation in Athletic Training. 3. Emphasis is on professional development and ability to research and disseminate information. Students will recognize and understand the pharmacokinetics of commonly prescribed medications in the athletic setting. Students will research injuries and develop rehabilitation programs to be presented to the athletic training staff and various medical providers within the community. <i>Prerequisites:</i> Graduate level standing, NATA-BOC certification, and a Graduate Assistant Athletic Trainer in the Athletic Department.
5022. Surgical Procedures and Post-operative Care. 3. Students will watch orthopedic surgeries and develop a sound understanding of common surgical techniques and procedures. Emphasis will be placed on understanding the anatomical structures, appropriate post-operative care, and rehabilitation techniques. <i>Prerequisites:</i> Graduate level standing, NATA-BOC certification, and a Graduate Assistant Athletic Trainer in the Athletic Department.
5023. Advanced Rehabilitation in Athletic Training. 3. Students will be provided opportunities to continue to increase their clinical evaluation skills and develop advanced rehabilitation protocols. Emphasis will be placed on the importance of using evidence based medicine and the ability to critically evaluate peer-reviewed research. <i>Prerequisites:</i> Graduate level standing, NATA-BOC certification, and a Graduate Assistant Athletic Trainer in the Athletic Department.
<b>HLED COURSES</b>
2221. Instructor's Course in First Aid/CPR. 2. Designed to certify the student to teach the following American Red Cross courses: CPR for the professional rescuer and First Aid: responding to emergencies. <i>Prerequisite:</i> current certification in First Aid/CPR.

**3000. Foundations of Health Promotion and Health Education.** 3. Introduces basic concepts and theories that form the foundation of the health promotion and education profession. Stresses experiences that are designed to acquaint students with the fundamentals of professional practice and to serve as a basis for future health promotion and education study. *Prerequisites:* HLED 1006, junior class standing, 2.5 GPA.

**4004. Needs Assessment and Program Planning.** 3. Focuses on needs assessment and program planning in the health education process. Extensive time is spent learning, analyzing, and applying a variety of needs assessment methods. The impact of extensive community needs assessment on planning effective community programs and interventions are examined. Additional emphasis is placed on the methods necessary for planning effective health promotion programs. Dual listed with HLED 5004. *Prerequisite:* HLED 3000 and 2.5 GPA.

**4010. Program Evaluation and Grant Writing.** 3. Provides students with an in-depth examination of program evaluation techniques and methodology as they apply to the evaluation of health promotion programs. Students gain an understanding of how to identify funding opportunities (grants) and how to prepare grant proposals. Dual listed with HLED 5010. *Prerequisites:* HLED 4004.

**4040. Stress Management.** 3. The stress process and its relationship to the concept of total health. The physical and psychological effects of stressors and individual appraisals will be explained using theoretical models and practical examples. Students learn how to personally identify and manage stress in a healthy manner. Emphasis is placed on learning effective skills to reduce harmful effects of stress. *Prerequisite:* junior class standing for HLED 4040 and graduate standing for HLED 5040.

**5004. Needs Assessment and Program Planning.** 3. Focuses on needs assessment and program planning in the health education process. Extensive time will be spent learning, analyzing, and applying a variety of needs assessment methods. The impact of extensive community needs assessment on planning effective community programs and interventions will be examined. Additional emphasis will be placed on the methods necessary for planning effective health promotion programs. Dual listed with HLED 4004. *Prerequisite:* HLED 3000 or graduate status and a graduate course in research methods.

**5010. Program Evaluation and Grant Writing.** 3. Provides students with an in-depth examination of health promotion programs, evaluation techniques and methodology. Students will also gain an understanding of how to identify funding opportunities (grants) and how to prepare grant proposals. Dual listed with HLED 4010. *Prerequisite:* HLED 4004 or HLED 5004 and graduate standing.

**5035. Theories in Health Promotion.** 3. Explores the variety of theories related to health education/promotion, comparing and contrasting them when necessary, synthesizing them when appropriate. An additional purpose will be to apply these theories to either a research problem/question or a practice setting. *Prerequisite:* graduate standing.

**5040. Stress Management.** 3. The stress process and its relationship to the concept of total health. The physical and psychological effects of stressors and individual appraisals are explained using theoretical models and practical examples. Students learn how to personally identify and manage stress in a healthy manner. Emphasis is placed on learning effective skills to reduce harmful effects of stress. Dual listed with HLED 4040. *Prerequisite:* graduate standing.

**5115. Interdisciplinary Early Childhood Seminar.** 3. Advanced professional course for students interested in current trends and issues in early childhood development. Interdisciplinary in nature, drawing from research in communication disorders, kinesiology and health, elementary and early childhood education and special education, child and family studies, nursing, and psychology. Cross listed with FCSC, EDEC, NURS, PSYC, SPPA 5115. *Prerequisite:* graduate standing.

#### PEAC COURSES

**1000. P.E. Activity in \_\_\_\_\_.** 1/2 (Max. 1). Provides instruction in special and/or unique sport, dance or exercise on a temporary basis.

**1012. Beginning Swimming.** 1/2. Instructs the non-swimmer in skills suggested by the Red Cross.

PEAT COURSES	
2010. Varsity Swimming. 1/2	
2051. Varsity Golf. 1/2	
2054. Varsity Track & Field. 1/2	
2056. Varsity Tennis. 1/2	
2062. Varsity Basketball. 1/2	
2063. Varsity Football. 1/2	

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2064. Varsity Volleyball. 1/2	
2065. Varsity Pepsters. 1/2	
2070. Varsity Rodeo. 1/2	
2071. Varsity Soccer. 1/2	

# Course Deletions

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
for minor changes to course descriptions and/or prerequisites, or to discontinue courses,  
to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

Number:

3670

Title:

Historical Foundations for the Health Care Professions

Current course description and/or prerequisites:

dm 3/16/18

Provides basis for understanding roles of health care professionals of today. Examines societal evolution of the arts and sciences that provide the foundation upon which the health sciences are established. *Prerequisite:* 3 semester hours of history or consent of instructor.

Proposed new course description and/or prerequisites, or **rationale for discontinuing a course**, along with whether course is cross-listed (please include the cross-listed classes)

**Discontinue Course—no longer taught in the pharmacy curriculum**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

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Subject code:

PHCY

Number:

4370

Title:

Phytomedicinal Agents

Current course description and/or prerequisites:

dm 3/16/18

Evaluates herbal medicines from scientific viewpoint. Introduces chemistry, pharmacology, toxicology and therapeutic use of selected phytomedicinal agents. *Prerequisite:* advanced standing in nursing, professional program in pharmacy or consent of instructor.

Proposed new course description and/or prerequisites, or **rationale for discontinuing a course**, along with whether course is cross-listed (please include the cross-listed classes)

**Discontinue Course—no longer taught in the pharmacy curriculum**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

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Subject code:

PHCY

Number:

4550

Title:

Non-Prescription Medications and Devices

Current course description and/or prerequisites:

dm 3/16/18

Develops knowledge and skills to help health care professionals function as therapeutic advisors to clients in the self-care of disease states amenable to management with non-prescription medication and/or devices.  
*Prerequisites:* PHCY 4450 or consent of instructor.

Proposed new course description and/or prerequisites, or **rationale for discontinuing a course**, along with whether course is cross-listed (please include the cross-listed classes)

**Discontinue Course—no longer taught in the pharmacy curriculum**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Office of the Registrar  
Nov. 2017

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Subject code:

PHCY

Number:

4660

Title:

Health Care Law

Current course description and/or prerequisites:

dm 3/16/18

A survey of health care law for students in health care programs, law students, and other matriculated students. The subject matter will include but not be limited to the following: malpractice, licensing, informed consent, reform, reproduction and advance directives. Dual listed with PHCY 5660. *Prerequisites:* Consent of instructor.

Proposed new course description and/or prerequisites, or **rationale for discontinuing a course**, along with whether course is cross-listed (please include the cross-listed classes)

Discontinue Course—no longer taught in the pharmacy curriculum. Although the course description above indicates that this is dual listed with PHCY 5660. We no longer have a PHCY 5660 course in the University Course Catalog.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*



Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

dm 3/16/18

Number:

6242

Title:

Public Health

Current course description and/or prerequisites:

Encompasses essentials of medical sociology, biology, chemotherapy and public health of communicable diseases; chronic diseases; and environmental health problems. *Prerequisite:* successful completion of year one of the Doctor of Pharmacy program or consent of instructor.

Proposed new course description and/or prerequisites, or **rationale for discontinuing a course**, along with whether course is cross-listed (please include the cross-listed classes)

**Discontinue Course—no longer taught in the pharmacy curriculum**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Office of the Registrar  
Nov. 2017

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to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

Number:

6286

Title:

Seminar: Pharmacy Practice Theories

Current course description and/or prerequisites:

dm 3/16/18

Focuses on the application of theories from the pharmaceutical and related literature with application to pharmacy practice. *Prerequisite:* PHCY 6285 or consent of the instructor.

Proposed new course description and/or prerequisites, or **rationale for discontinuing a course**, along with whether course is cross-listed (please include the cross-listed classes)

**Discontinue Course—no longer taught in the pharmacy curriculum**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

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to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

Number:

6290

Title:

Topics in Pharmacology

Current course description and/or prerequisites:

dm 3/16/18

Writing-intensive course using topics to explore the role of drugs in health care provision. *Prerequisite:* prior credit or concurrent enrollment in PHCY 6230 or 6231 or consent of instructor.

Proposed new course description and/or prerequisites, or **rationale for discontinuing a course**, along with whether course is cross-listed (please include the cross-listed classes)

**Discontinue Course—no longer taught in the pharmacy curriculum**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

Number:

6386

dm 3/16/18

Title:

Seminar: Future Trends

Current course description and/or prerequisites:

Focuses on internal and external trends that have the potential to affect the practice of pharmacy in the future. Students are expected to discern potential trends from a variety of literature sources and project the potential effects on their future practice. *Prerequisite*: P3 status or consent of the instructor.

Proposed new course description and/or prerequisites, or **rationale for discontinuing a course**, along with whether course is cross-listed (please include the cross-listed classes)

**Discontinue Course—no longer taught in the pharmacy curriculum**

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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# Course Description Updates

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
for minor changes to course descriptions and/or prerequisites, or to discontinue courses,  
to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

Number:

6251

Title:

Therapeutics II

Current course description and/or prerequisites:

Introduces pharmacotherapeutic principles employed in the management and monitoring of drug therapy. Assesses the impact of drug therapy on clinical laboratory parameters, metabolic states, and specific patient populations. Introduces the pharmacotherapeutic management of common disease states. *Prerequisites:* PHCY 6220, 6230.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/16/18

Introduces pharmacotherapeutic principles employed in the patient care process for managing select disease states and specific patient populations. The course emphasizes the role of evidence-based medicine in developing pharmaceutical care plans (e.g. recommending therapy, evaluating and monitoring the efficacy and safety of medications). *Prerequisites:* PHCY 6120, 6230

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
for minor changes to course descriptions and/or prerequisites, or to discontinue courses,  
to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

Number:

(6103) 6300

Title:

Sterile Products

**Current course description** and/or prerequisites:

An introduction to the preparation and clinical application of sterile dosage forms. Emphasizes basic principles related to preparation, dispensing and administration of parenteral medications in extended care and hospital pharmacy practice.

**Proposed new course description** and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/16/18

Note: A CARF has been submitted for this course to change the course number & pre-requisites as a result of a curricular change in pharmacy (Course was previously numbered PHCY 6103 and the submitted CARF changes it to PHCY 6300).

However, the course description was inadvertently NOT changed on the CARF and we would like to update it to the following:

An introduction to the preparation and clinical application of sterile dosage forms in accordance with USP 797 and other related standards. Emphasizes basic principles related to preparation, dispensing and administration of parenteral medications in health care settings.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

Number:

(6104) 6301

Title:

Sterile Products Laboratory

Current course description and/or prerequisites:

A hands-on training in techniques used to prepare, dispense and administer parenteral admixtures, parenteral nutrition, chemotherapy and ophthalmics.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

Note: A CARF has been submitted for this course to change the course number & pre-requisites as a result of a curricular change in pharmacy (Course was previously numbered PHCY 6104 and the submitted CARF changes it to PHCY 6301).

However, the course description was inadvertently NOT changed on the CARF and we would like to update it to the following:

A hands-on training in techniques used to prepare, dispense and administer parenteral admixtures, parenteral nutrition, chemotherapy and ophthalmics forms in accordance with USP 797 and other related standards.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*



Office of the Registrar  
Nov. 2017

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Subject code:

PHCY

Number:

6351

Title:

Therapeutics IV

Current course description and/or prerequisites:

Continuation of Therapeutics I. *Prerequisite:* grade of C or higher in PHCY 6350.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

Provides the student with an overview of the treatment of complex disease states. Students will build on their patient-centered skills from PHCY 6350 by interpreting evidence, prioritizing patient needs, and formulating and monitoring evidence-based care plans. These skills will be essential as students begin advanced pharmacy practice experiences. *Prerequisite:* grade of C or higher in PHCY 6350.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

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Subject code:

PHCY

Number:

6357

Title:

Clinical Pharmacokinetics

**Current course description** and/or prerequisites:

Pharmacokinetic principles of dosage regimen calculation and pharmacokinetic considerations relating to the use of various drugs. Clinical pharmacokinetics of therapeutically important drugs will be covered. Prerequisite: PHCY 6102.

**Proposed new course description** and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

Course will provide the student with an overview of the clinical application of pharmacokinetic concepts as used in providing quality patient care. Principles of pharmacokinetics may be applied to the therapeutic use of all medications, including those inherently discussed during this course. Prerequisite: PHCY 6102.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Office of the Registrar  
Nov. 2017

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Subject code:

PHCY

Number:

6465

Title:

Elective Rotation In \_\_\_\_\_

**Current course description** and/or prerequisites:

Advanced practice experience in a variety of pharmacy practice, patient care, health care management, and pharmaceutical industry environments. Application of knowledge and skills with active participation in direct pharmaceutical care. Development of knowledge and skills related to specialized patient populations, health care management, and pharmaceutical industry. Students will be required to move to off-campus sites to complete this course. *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357.

**Proposed new course description** and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

Elective advanced pharmacy practice experience that is available in a variety of practice environments (e.g. direct patient care settings, management, research, and other pharmacy-related locations). Rotation requires active participation and application of knowledge, skills, values, and attitudes. *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

Number:

6470

Title:

Internal Medicine I

**Current course description** and/or prerequisites:

Pharmacy practice experiences with acute care patient populations in community hospitals; exposure to various disease states and patient records; evaluating drug orders in medical records, assessing problems involving patient's drug therapy, monitoring drug therapy to insure effective, safe, and economical patient care, and applying drug information skills. *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357.

**Proposed new course description** and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

An advanced practice experience to develop skills as a medication expert within an inpatient internal medicine or family medicine experiential setting. Students will coordinate, collaborate, and communicate among themselves, their preceptor, and other members of the interprofessional healthcare team to provide patient-centered care. *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

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Subject code:

PHCY

Number:

6471

Title:

Internal Medicine II

Current course description and/or prerequisites:

Advanced practice experiences with general medicine, acute care patient populations in community hospitals. Participation in problem solving and the therapeutic decision-making process, including drug dosage regimen, application of rational therapy. *Prerequisite:* PHCY 6470.

Proposed new course description and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

Course is a continuation of PHCY 6470 in which students take on increasing responsibility and/or more complex patient cases to develop skills as a medication expert in the acute care setting. Students will continue providing patient-centered care by collaborating with their preceptor and other members of the interprofessional healthcare team. *Prerequisite:* PHCY 6470.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

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Office of the Registrar  
Nov. 2017

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Subject code:

PHCY

Number:

6473

Title:

Ambulatory Pharmaceutical Care

**Current course description** and/or prerequisites:

An experiential course focusing on the pharmacist as the drug expert in a multidisciplinary health care team approach to treating ambulatory patients within the philosophy of family practice. *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357.

**Proposed new course description** and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

An experiential course focusing on the pharmacist as the drug expert in a multidisciplinary health care team. Students will provide direct patient care to patients in an outpatient setting. *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business  
on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
for minor changes to course descriptions and/or prerequisites, or to discontinue courses,  
to be effective for 2018-2019 *University Catalog*

Subject code:

PHCY

Number:

6481

Title:

Advanced Community Pharmacy

**Current course description** and/or prerequisites:

An advanced practice experience in community pharmacy that involves student learning and participation in non-dispensing models of pharmaceutical care, such as pharmacist anticoagulation clinics, vaccination clinics, smoking cessation, diabetic education, chronic disease drug therapy monitoring, self-care treatment, and indigent patient care, etc. *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357.

**Proposed new course description** and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

An advanced practice experience in community pharmacy designed to build upon introductory experiences and promote active participation in caring for patients in this practice setting. Students will spend 25-30% of their time in non-dispensing activities (e.g. screenings, in-depth counseling, MTM, immunizations, self-care treatment, community presentations, etc.). *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357.

*Departments should send one form per class to the college course committee.*

*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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Subject code:

PHCY

Number:

6483

Title:

Advanced Institutional Pharmacy

**Current course description** and/or prerequisites:

An advanced rotation in institutional pharmacy under the preceptorship of a licensed pharmacist. The student interacts with patients, health care professionals and allied health personnel to assure the best use of medications. *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357

**Proposed new course description** and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

An advanced practice experience in institutional/hospital pharmacy designed to build upon introductory experiences and promote active participation within the health-system through interdisciplinary interactions, projects, presentations, and patient care activities. Students will devote at least 50% of their time to non-dispensing activities (e.g. monitoring meds, consults, discharge counseling, medication reconciliation, in-services). *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357

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Office of the Registrar  
Nov. 2017

Memo in lieu of CARF -  
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Subject code:

PHCY

Number:

6485

Title:

Reflective Learning in Pharmacy

**Current course description** and/or prerequisites:

A debriefing class with emphasis on sharing experiences and making notice of the learning that has occurred during the community pharmacy practicums. This is a one week course to be held the week prior to starting practicums and repeated at 12 week intervals thereafter. Offered S/U Only. *Prerequisite:* PH4 status.

**Proposed new course description** and/or prerequisites, or rationale for discontinuing a course, along with whether course is cross-listed (please include the cross-listed classes)

dm 3/15/18

Designed to help prepare P4 pharmacy students to be knowledgeable and well-rounded practitioners. Provides an opportunity to reflect on rotation experiences, give professional level presentations, and exposure to content not covered elsewhere in curriculum. Course includes guest speakers, Pharm.D. seminars, assessment activities, job/residency fairs, P4 portfolio, and reflective writing. *Prerequisite:* grade of C or higher in PHCY 6351 and PHCY 6357

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*College course committee must approve and route to Registrar for final approval no later than end of business on **Fri., Feb. 16, 2018.***

*Approved changes will be made in 2018-2019 University Catalog.*

**ES 4910 – Engineering Entrepreneurship  
Fall 2018**

Text: **No required text**

Instructors: Jonathon L. Benson  
Room 115  
1938 Harney St  
Wyoming Technology Business Center  
766-2030  
[jbenson@uwyo.edu](mailto:jbenson@uwyo.edu)

Time: TBA

Place: TBA

Goal: Many engineers either work for entrepreneurial start-up companies or choose to start their own business. Traditional engineering education does not prepare engineering graduates for either of these career tracks. The goal of this course is to have students demonstrate the extension of engineering skills and knowledge to understand the unique issues of entrepreneurship.

Activities:	Final Business Plan	55%
	Final Business Presentation	25%
	Interaction with WTBC Personnel	15%

Grading: Weighted averages will be rounded to integer percent values, and course grades will be determined by:

Weighted average $\geq 93\%$	$\rightarrow$	A
$90 \geq$ weighted average $\leq 92\%$	$\rightarrow$	A-
$87 \geq$ weighted average $\leq 89\%$	$\rightarrow$	B+
$83 \geq$ weighted average $\leq 86\%$	$\rightarrow$	B
$80 \geq$ weighted average $\leq 82\%$	$\rightarrow$	B-
$77 \geq$ weighted average $\leq 79\%$	$\rightarrow$	C+
$73 \geq$ weighted average $\leq 76\%$	$\rightarrow$	C
$70 \geq$ weighted average $\leq 72\%$	$\rightarrow$	C-
$67 \geq$ weighted average $\leq 69\%$	$\rightarrow$	D+
$60 \geq$ weighted average $\leq 66\%$	$\rightarrow$	D
weighted average $\leq 59\%$	$\rightarrow$	F

**ATTENDANCE:**

Attendance is vital in this course due to the unique nature and breadth of the topics.

**ATTENDANCE AT ALL CLASS SESSIONS IS REQUIRED.** If absences are unavoidable, they should be discussed with the instructor in advance. Unexcused absences will result in a grade decrease.

**ACADEMIC DISHONESTY:**

University Regulation 6-802 strictly forbids academic dishonesty of any type (e.g. plagiarism, copying of lab reports, etc.) The UW General Bulletin states, *“Whatever form academic dishonesty may take, the university community regards it as a serious offense. An act is academically dishonest when, and only when, it is an act attempted or performed in order to misrepresent one’s involvement in an academic task in any way. Such conduct will result in imposition of sanctions pursuant to University Regulations.”*

Additional information on the details of the policy can be found at [http://www.uwyo.edu/generalcounsel/\\_files/docs/uw-reg-6-802.pdf](http://www.uwyo.edu/generalcounsel/_files/docs/uw-reg-6-802.pdf). Discussion with your colleagues is encouraged; just be sure that what you submit reflects your own work. When you use work from other sources, you must reference that work.

**All assignments, unless otherwise specified, must be your own work. Academic Dishonesty will result in a failing course grade.**

**SPECIAL ACCOMMODATIONS:**

Students requiring special accommodations, particularly for examinations, are encouraged to contact University Disability Support Services (<http://www.uwyo.edu/udss/index.html>).

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### Class Schedule

<b>Week No.</b>	<b>DATE</b>
1	Intro to Course
2	Generating Business Ideas
3	Developing a Business Concept Paper
4	Quality Control
5	Competition/Sales
6	Marketing
7	Revenue Models
8	Financing Your Start-Up Business
9	Interim Student Business Presentations
10	Developing Cash Flow Projections
11	Stages of a Start-Up Venture
12	Building a Business Team
13	Intellectual Property
14	Selling a Business
15	Final Student Business Presentations