

COLLEGE OF ARTS AND SCIENCES  
COURSE AND CURRICULUM CHANGES

To be considered at the College Course and Curriculum Meeting

March 10, 2016  
Eisenhower 212

Undergraduate/Graduate  
Expedited

Contact Person: Jeffrey Smith  
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No units outside the college will be affected

Please provide the sponsors of a proposal change with any information regarding fiscal or programmatic impact on your department, program or students

# EXPEDITED COURSE PROPOSALS

## Courses Numbered 000-599

### **Art**

FROM: ART 330 – Digital Techniques in Visual Art. (3) I, II. Survey of the most frequently used programs in the Studio Arts and equipment necessary for successful navigation on the digital arena. Pr.: ~~ART 180~~; K-State 8: Aesthetic Interpretation.

TO: ART 330 – Digital Techniques in Visual Art. (3) I, II. Survey of the most frequently used programs in the Studio Arts and equipment necessary for successful navigation on the digital arena. Pr.: None; K-State 8: Aesthetic Interpretation.

RATIONALE: We are removing the pre-requisite because this is a beginning foundations course.

IMPACT: None

EFFECTIVE DATE: Fall 2016

FROM: ART 523 – Digital/Experimental Media Special Topics. (3) I, II. Specialized studio art course exploring technology and experimental media in the context of contemporary fine art production. Topics may include community art practice, systems art, ecology based art, interactive media, code-based art and locative media. This course will engage grant writing for the arts as well as both formal and experimental models for contemporary art exhibitions. Topics include: Ned Media & Community; Systems Art; DX Media Lab; Code Electronics and Sensors; Interactive Time-Based Media. Pr.: ART 330. ~~Co-Req: ART 575~~. K-State 8: None.

TO: ART 523 – Digital/Experimental Media Special Topics. (3) I, II. Specialized studio art course exploring technology and experimental media in the context of contemporary fine art production. Topics may include community art practice, systems art, ecology based art, interactive media, code-based art and locative media. This course will engage grant writing for the arts as well as both formal and experimental models for contemporary art exhibitions. Topics include: Ned Media & Community; Systems Art; DX Media Lab; Code Electronics and Sensors; Interactive Time-Based Media. Pr.: ART 330. Co-Req: None. K-State 8: None.

RATIONALE: We are removing the ART 575 co-requisite from ART 523. ART 575 will no longer be offered as a required course in the digital curriculum. We are also adding the special topic title “Technology and Ecology” to better instruct relevant topics in the field.

IMPACT: None

EFFECTIVE DATE: Fall 2016

## **Journalism and Mass Communications**

FROM: MC 382 – Public Relations Case Studies. (3) I, II. Study of historic and contemporary public relations situations using a case-method approach. ~~The course focuses on strategic planning and implementation by public relations managers. Students learn to assess and establish criteria for public relations programs under a variety of conditions.~~ Pr.: MC 180 with grade of C or better; majors have priority, others by department consent.

TO: MC 382 – Public Relations Case Studies. (3) I, II. Study of historic and contemporary public relations situations using a case-method approach. The course highlights public relations practice across a number of emphasis areas. Pr.: MC 180 with grade of C or better; majors have priority, others by department consent.

RATIONALE: The course description for MC 382 Public Relations Case Studies is inaccurate in terms of how the class is actually taught and needs to be updated to reflect course content.

IMPACT: This is an internal matter and will not affect other departments on campus.

EFFECTIVE DATE: Fall 2016

DROP: MC 539 – Fundraising in Non-Profit Organizations. (3) I, alternate years. Theory and practice of public relations in non-profit organizations. Focuses on why and how people give to philanthropic causes.

RATIONALE: The class has not been taught since Fall 2012 (the faculty member who taught the class has since passed away). The faculty does not see a place for the class in the curriculum.

IMPACT: This class was an elective and was not required for any other major in campus.

EFFECTIVE DATE: Fall 2016

## Modern Languages

FROM: ~~LATIN 549 – Special Studies in Latin.~~ (1-5) I, II, S. Note: May be repeated. K-State 8: Aesthetic Interpretation; Global Issues and Perspectives. Pr.: Consent of the department head and instructor involved.

TO: CLSCS 549 – Special Studies in Classics. (1-5) I, II, S. Independent study in Classics, Latin, or Greek. Note: May be repeated. K-State 8: Aesthetic Interpretation; Global Issues and Perspectives. Pr.: Instructor consent.

RATIONALE: This is a minor change that was accidentally left out of the creation of the Minor in Classical Studies in the Fall of 2015. This proposes only to change the course number and name of Latin 549, an independent study course, from Latin 549, Special Studies in Latin, to Classics 549, Special Studies in Classics. This change reflects that the topic of study could be Latin, Greek, or a broader Classics topic.

IMPACT: None

EFFECTIVE DATE: Fall 2016

## Psychological Sciences

DROP: PSYCH 543 – Women’s Mental Health Issues. (3) II. Investigates prevalent women’s mental health issues such as incidence of depression/anxiety, eating disorders, sexuality, relationship concerns. Also covers the efficacy of traditional treatment modalities and newer therapies that target women’s unique mental health needs such as feminist or nonsexist therapies.

RATIONALE: This course has not been taught in 27 years.

IMPACT: This course has not been taught in 27 years so there is no impact.

EFFECTIVE DATE: Fall 2016

DROP: PSYCH 558 – Varieties of Consciousness. (3) I, S. Traditional and contemporary approaches of both Western science and Eastern metaphysics to study of ordinary mind consciousness, unusual states of awareness, and efforts to expand the powers of mind. Topics include sleep, dreaming, biofeedback, meditation, psychoactive drugs, brain area dominance.

RATIONALE: This course has not been taught in 25 years.

IMPACT: This course has not been taught in 25 years so there is no impact.

EFFECTIVE DATE:            Fall 2016

DROP:            PSYCH 561 – Laboratory in Industrial Psychology I. (2) I. Supervised experience in personnel psychology including classifications, analysis, and evaluation of jobs.

RATIONALE:            Course has not been taught in 18 years. We lack personnel to resurrect this course.

IMPACT:            This course has not been taught in 18 years and was exclusively designed for Psych students so there is no impact.

EFFECTIVE DATE:            Fall 2016

DROP:            PSYCH 562 – Laboratory in Industrial Psychology II. (2) II. Additional supervised experience in personnel psychology including interviewing, EEOC regulations, training, and performance appraisal.

RATIONALE:            Course has not been taught in 18 years. We lack personnel to resurrect this course.

IMPACT:            This course has not been taught in 18 years and was exclusively designed for Psych students so there is no impact.

EFFECTIVE DATE:            Fall 2016

# EXPEDITED COURSE PROPOSALS

## Courses Numbered 600-999

### **Biology**

FROM: BIOL 855 – Molecular Biology of Cellular Membranes. (3) I. ~~A general coverage of membranes with respect to theories of structure, chemical and physical methods of study, methods of isolation, transport mechanisms, assembly and function of components, and receptors. Some specific membrane systems will be covered in detail including a review of recent references.~~ Pr.: BIOL 541 and BIOCH 521.

TO: BIOL 855 – Molecular Biology of Cellular Membranes. (3) I. In-depth discussions of molecular interactions between proteins and lipids within cellular membranes, and the impact of these interactions on diverse cellular functions. Format is primarily group discussion of primary literature, with the goal of instilling the ability to think critically and evaluate published studies. Pr.: BIOL 541 and BIOCH 521.

RATIONALE: Redefining the content of the course.

IMPACT: None

EFFECTIVE DATE: Fall 2016

### **Journalism and Mass Communications**

FROM: MC 645 – Public Relations Campaigns. (3) I, II. Advanced study of an organization's public relations needs. Includes researching the situation, analyzing audiences, and preparing strategic plans for approved clients. Pr.: MC 280, MC 396, and MC 480 with grades of C or better.

TO: MC 645 – Public Relations Campaigns. (3) I, II. Advanced study of an organization's public relations needs. Includes researching the situation, analyzing audiences, and preparing strategic plans for approved clients. Pr.: MC 280, MC 380, MC 396, and MC 480 with grades of C or better.

RATIONALE: Currently, MC 645 Public Relations Campaigns does not list MC 380 Public Relations Research, Planning and Strategy as a pre-requisite. Members of the sequence faculty want to require completion of MC 380 before students take MC 645 because the requisite knowledge of MC 380 provides valuable grounding for the advanced class.

IMPACT: This is an internal matter and will not affect other degree programs.

EFFECTIVE DATE:        Fall 2016

# EXPEDITED CURRICULUM PROPOSALS

## Undergraduate

### **Art**

#### B.F.A. in Art

##### FROM:

The bachelor of fine arts degree is a professionally oriented undergraduate degree in art. It is designed primarily for those planning to become professional artists, artist-teachers, or art therapists. Greater emphasis is placed on actual practice in the creative art disciplines.

The BFA in art is a four-year, 124-credit hour program with concentrations possible in ceramics, digital/experimental media, drawing, graphic design, metalsmithing and jewelry, painting, photography, printmaking, and sculpture. The degree is considered the appropriate preparation for the master of fine arts degree, which is recognized as the terminal degree in studio arts. The BA and BFA can also be used as preparation for:

- A master's degree in art therapy when a portfolio of artwork is presented and additional coursework, generally consisting of 12 credits in psychology is completed. Required Psychology credits commonly include developmental and abnormal psychology; requirements for admission may include other preliminary coursework as defined by individual graduate programs.
- A master's degree in artistic and historic conservation. North American education programs offer a master's degree in conservation or historic preservation for a master's degree in a related discipline along with a certificate or diploma in conservation. Many graduate programs in conservation of

##### TO:

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- A master's degree in art therapy when a portfolio of artwork is presented and additional coursework, generally consisting of 12 credits in psychology is completed. Required Psychology credits commonly include developmental and abnormal psychology; requirements for admission may include other preliminary coursework as defined by individual graduate programs.
- A master's degree in artistic and historic conservation. North American education programs offer a master's degree in conservation or historic preservation for a master's degree in a related discipline along with a certificate or diploma in conservation. Many graduate programs in conservation of



cultural property require preliminary coursework that commonly includes one year of general chemistry and one year of organic chemistry, courses in the humanities such as art history, anthropology, architecture, and archeology, and coursework in studio art. Many programs also require a portfolio of art. Potential candidates should contact programs directly for admission requirements.

**Basic requirements (46 credit hours)**

Communications - 8 hours  
Social sciences - 6 hours  
Humanities - 9 hours  
Philosophy or mathematics - 3 hours  
2 Sciences, one with a lab - 7-9 hours  
General electives - 13-14 hours

**Art courses (78 credit hours)**

Core - 40 credit hours  
Area of Concentration - 23 credit hours  
Art Electives - 15 credit hours

**B.F.A. Area Concentrations**

For a course to count as part of the 23 credit hours in a concentration for the B.F.A., students must earn a grade of C or higher.

Concentration Admissions Review (CAR) acceptance is provisional for all students who have not completed at least one full semester of class in their area with a grade of C or higher, since a grade of C or higher is required for all classes in the concentration. Students, who receive a grade of D or lower in their concentration class the semester they are accepted to CAR, will have to reapply through CAR after repeating or re-enrolling in this same concentration area class.

**Ceramics Concentration (23 credit hours)**

- ART 365 - Ceramics I Credits: (3)

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**Basic requirements (46 credit hours)**

Communications - 8 hours  
Social sciences - 6 hours  
Humanities - 9 hours  
Philosophy or mathematics - 3 hours  
2 Sciences, one with a lab - 7-9 hours  
General electives - 13-14 hours

**Art courses (78 credit hours)**

Core - 40 credit hours  
Area of Concentration - 23 credit hours  
Art Electives - 15 credit hours (does not include 100-level classes)

**B.F.A. Area Concentrations**

For a course to count as part of the 23 credit hours in a concentration for the B.F.A., students must earn a grade of C or higher.

Concentration Admissions Review (CAR) acceptance is provisional for all students who have not completed at least one full semester of class in their area with a grade of C or higher, since a grade of C or higher is required for all classes in the concentration. Students, who receive a grade of D or lower in their concentration class the semester they are accepted to CAR, will have to reapply through CAR after repeating or re-enrolling in this same concentration area class.

**Ceramics Concentration (23 credit hours)**

- ART 365 - Ceramics I Credits: (3)

- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- ART 565 - Ceramics II **Credits:** (3) (must be enrolled 3 times) **Credits:** (9)
- ART 665 - Ceramics III **Credits:** (1-5) (must be enrolled 3 times) **Credits:** (9)
- ART 430 - Independent Study- Ceramics **Credits:** (1-5)
- May be substituted for ART 565 or ART 665 upon approval of Ceramics professors.

#### Digital Arts Concentration (23 credit hours)

- **Courses for 3 credits each:**
- ART 330 - Digital Techniques in Visual Art **Credits:** (3)
- ART 523 - Digital/Experimental Media Special Topics **Credits:** (3)
- ART 575 - Web Art **Credits:** (3)
- ART 623 - Advanced Concepts in Digital/Experimental Media (DX MEDIA) **Credits:** (3) (must be repeated for a total of 6 credit hours)
- **Choose 6 credit from the following 3 credit courses:**
- ART 290 - Type and Design Principles **Credits:** (3)
- ART 395 - Photography in Art I **Credits:** (3)
- ART 575 - Web Art **Credits:** (3) (repeated for the 2nd time)
- ART 582 - Internships in Visual Art & Design **Credits:** (0-3)
- ART 608 - Special Studies in Art **Credits:** (1-6) Digital classes
- ART 616 - Motion Design **Credits:** (3-6)
- ART 523 - Digital/Experimental Media Special Topics **Credits:** (3) (repeated for a 2nd time)

- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- ART 565 - Ceramics II **Credits:** (3) (must be enrolled 3 times) **Credits:** (9)
- ART 665 - Ceramics III **Credits:** (1-5) (must be enrolled 3 times) **Credits:** (9)
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#### Drawing Concentration (23 credit hours)

- ART 350 - Drawing III Credits: (3) (must be enrolled twice)
- ART 410 - BFA Exhibition or Portfolio Presentation Credits: (2)
- ART 600 - Advanced Drawing Credits: (3 or 6)
- ART 610 - Figure Drawing II Credits: (3)
- ART 600 or 610 or both may be repeated for the remaining 9 credit hours

#### Graphic Design Concentration (23 credit hours)

- ART 290 - Type and Design Principles Credits: (3)
- ART 310 - Graphic Design Studio I Credits: (3)
- ART 400 - Computer Imaging in Graphic Design Credits: (3)
- ART 410 - BFA Exhibition or Portfolio Presentation Credits: (2)
- ART 420 - Graphic Design Studio II Credits: (3)
- ART 576 - Advanced Typography Credits: (3)
- ART 580 - Graphic Design Senior Studio Credits: (3) (Take twice for total of 6 credits)

#### Metalsmithing and Jewelry Concentration (23 credit hours)

- ART 370 - Metalsmithing I Credits: (3)
- ART 410 - BFA Exhibition or Portfolio Presentation Credits: (2)

#### Drawing Concentration (23 credit hours)

- ART 350 - Drawing III Credits: (3) (must be enrolled twice)
- ART 410 - BFA Exhibition or Portfolio Presentation Credits: (2)
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- ART 610 - Figure Drawing II Credits: (3)
- ART 600 or 610 or both may be repeated for the remaining 9 credit hours

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- ART 420 - Graphic Design Studio II Credits: (3)
- ART 576 - Advanced Typography Credits: (3)
- ART 580 - Graphic Design Senior Studio Credits: (3) (Take twice for total of 6 credits)

#### Metalsmithing and Jewelry Concentration (23 credit hours)

- ART 370 - Metalsmithing I Credits: (3)
- ART 410 - BFA Exhibition or Portfolio Presentation Credits: (2)

- ART 655 - Metalsmithing Techniques **Credits:** (3) (must be enrolled 3 times)
- ART 680 - Metals Workshop **Credits:** (3) (enroll multiple times for a total of 9 credit hours)
- ART 450 - Independent Study-Metalsmithing **Credits:** (1-5)
- ART 655 or 680 may be substituted upon approval of Metalsmithing professors.

**Painting Concentration (23 credit hours)**

- ART 320 - Water Media I **Credits:** (3)
- ART 345 - Introduction to Oil Painting **Credits:** (3)
- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- ART 561 - Oil Painting II **Credits:** (3)
- ART 570 - Mixed Media Painting Workshop **Credits:** (3)
- ART 650 - Advanced/Senior Painting Studio **Credits:** (3-6) (must be enrolled 3 times)

**Photography Concentration (23 credit hours)**

- ART 395 - Photography in Art I **Credits:** (3)
- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- ART 563 - Photography in Art II **Credits:** (3-6)
- **Choose 6 credits from:**
- ART 568 - Alternative Processes in Photography **Credits:** (3)
- or
- ART 621 - Advanced Concepts in Lens-Based Media **Credits:** (3)

- ART 655 - Metalsmithing Techniques **Credits:** (3) (must be enrolled 3 times)
- ART 680 - Metals Workshop **Credits:** (3) (enroll multiple times for a total of 9 credit hours)
- ART 450 - Independent Study-Metalsmithing **Credits:** (1-5)
- ART 655 or 680 may be substituted upon approval of Metalsmithing professors.

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- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- ART 561 - Oil Painting II **Credits:** (3)
- ART 570 - Mixed Media Painting Workshop **Credits:** (3)
- ART 650 - Advanced/Senior Painting Studio **Credits:** (3-6) (must be enrolled 3 times)

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- ART 395 - Photography in Art I **Credits:** (3)
- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- ART 563 - Photography in Art II **Credits:** (3-6)
- **Choose 6 credits from:**
- ART 568 - Alternative Processes in Photography **Credits:** (3)
- or
- ART 621 - Advanced Concepts in Lens-Based Media **Credits:** (3)

- ART 626 - Advanced Study in Photography **Credits:** (3-6) (9 credits total taken once in each last three semesters)

#### Printmaking Concentration (23 credit hours)

- ART 335 - Printmaking I **Credits:** (3)
- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- ART 635 - Advanced Printmaking **Credits:** (3-6) (must be enrolled 4 times) **Credits:** (12)
- ART 530 - Color Printmaking Workshop **Credits:** (3) (may be taken twice instead of repeating ART 635 two more times) **Credits:** (6)

#### Sculpture Concentration (23 credit hours)

- ART 340 - Sculpture I **Credits:** (3)
- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- **Choose 6 additional credit hours** from either ART 645 or ART 660 **Credits:** (6)
- ART 645 - Sculpture II **Credits:** (3)
- ART 660 - Sculpture III **Credits:** (3)

#### Bachelor of Fine Arts degree requirements

##### Concentration Admission Review

Formal evaluation prior to admission to a chosen area of concentration is required upon completion of Department of Art foundation core. A display of selected completed foundation core work will occur during the semester when the last of nine foundation courses (25 credit hours) will be completed. Visual course work must meet faculty approval, and upon passing the concentration admission review students may begin BFA study in the area of concentration they have selected.

- ART 626 - Advanced Study in Photography **Credits:** (3-6) (9 credits total taken once in each last three semesters)

#### Printmaking Concentration (23 credit hours)

- ART 335 - Printmaking I **Credits:** (3)
- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- ART 635 - Advanced Printmaking **Credits:** (3-6) (must be enrolled 4 times) **Credits:** (12)
- ART 530 - Color Printmaking Workshop **Credits:** (3) (may be taken twice instead of repeating ART 635 two more times) **Credits:** (6)

#### Sculpture Concentration (23 credit hours)

- ART 340 - Sculpture I **Credits:** (3)
- ART 410 - BFA Exhibition or Portfolio Presentation **Credits:** (2)
- **Choose 6 additional credit hours** from either ART 645 or ART 660 **Credits:** (6)
- ART 645 - Sculpture II **Credits:** (3)
- ART 660 - Sculpture III **Credits:** (3)

#### Bachelor of Fine Arts degree requirements

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An additional review opportunity is allowed after an unsuccessful attempt to pass the concentration admission review. The second attempt must be made at the end of the semester following an unsuccessful effort to pass the concentration admission review. The second attempt may, if so requested, occur in an area different from the first unsuccessful attempt.

Students not successful in a second attempt to pass the concentration admission review will be advised to consider the BA degree in art. For complete details on the concentration admission review, students may get a copy of the requirements from the Department of Art advisor.

**The major requirements are as follows: (78 credit hours)**

**Foundation Core**

**(Choices must total 25 hours; and be taken prior to or in concurrent semester when a student goes through Concentration Admission Review.)**

- ART 105 - Art Careers Seminar **Credits:** (1)
- ART 180 - 2- Dimensional Design **Credits:** (3)
- ART 190 - Drawing I **Credits:** (3)
- ART 200 - 3- Dimensional Design **Credits:** (3)
- ART 210 - Drawing II **Credits:** (3)
- 
- Choose one 3D course:**
- ART 340 - Sculpture I **Credits:** (3)
- or
- ART 365 - Ceramics I **Credits:** (3)
- or
- ART 370 - Metalsmithing I **Credits:** (3)
- 
- Choose one Digital course:**
- ART 290 - Type and Design Principles **Credits:** (3)

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- Choose one 3D course:**
- ART 340 - Sculpture I **Credits:** (3)
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- Choose one Digital course:**
- ART 290 - Type and Design Principles **Credits:** (3)

<ul style="list-style-type: none"> <li>• or</li> <li>• ART 330 - Digital Techniques in Visual Art <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 395 - Photography in Art I <b>Credits:</b> (3)</li> <li>•</li> </ul> <p><b>Choose one 2D course:</b></p> <ul style="list-style-type: none"> <li>• ART 290 - Type and Design Principles <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 320 - Water Media I <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 335 - Printmaking I <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 345 - Introduction to Oil Painting <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 395 - Photography in Art I <b>Credits:</b> (3)</li> </ul> <p><b>Choose ART 325 Figure Drawing I or any other Art Elective</b></p> <p>(Note that ART 325 Figure Drawing I is a requirement, so if not taken before CAR, it must be taken after CAR.)</p> <p>Any course that is required for 23 credits in a concentration must be replaced with a different foundation elective, preferably in the next semester after being accepted into a concentration.</p>	<ul style="list-style-type: none"> <li>• or</li> <li>• ART 330 - Digital Techniques in Visual Art <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 395 - Photography in Art I <b>Credits:</b> (3)</li> <li>•</li> </ul> <p><b>Choose one 2D course:</b></p> <ul style="list-style-type: none"> <li>• ART 290 - Type and Design Principles <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 320 - Water Media I <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 335 - Printmaking I <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 345 - Introduction to Oil Painting <b>Credits:</b> (3)</li> <li>• or</li> <li>• ART 395 - Photography in Art I <b>Credits:</b> (3)</li> </ul> <p><b>Choose ART 325 Figure Drawing I or any other Art Elective</b></p> <p>(Note that ART 325 Figure Drawing I is a requirement, so if not taken before CAR, it must be taken after CAR.)</p> <p>Any course that is required for 23 credits in a concentration must be replaced with a different foundation elective, preferably in the next semester after being accepted into a concentration.</p>
<p><b>Additional requirements</b></p> <ul style="list-style-type: none"> <li>• Area concentration <b>Credits:</b> (23)</li> <li>• Art electives <b>Credits:</b> (15)</li> <li>• ART 325 - Figure Drawing I <b>Credits:</b> (3)</li> <li>• Students are encouraged to take this course prior to CAR</li> <li>• ART 410 - BFA Exhibition or Portfolio Presentation <b>Credits:</b> (2)</li> <li>• ART 195 - Survey of Art History I <b>Credits:</b> (3)</li> </ul>	<p><b>Additional requirements</b></p> <ul style="list-style-type: none"> <li>• Area concentration <b>Credits:</b> (23)</li> <li>• ART 325 - Figure Drawing I <b>Credits:</b> (3)</li> <li>• Students are encouraged to take this course prior to CAR</li> <li>• ART 410 - BFA Exhibition or Portfolio Presentation <b>Credits:</b> (2)</li> <li>• ART 195 - Survey of Art History I <b>Credits:</b> (3)</li> </ul>

<ul style="list-style-type: none"> <li>• ART 196 - Survey of Art History II Credits: (3)</li> <li>• Art History elective Credits: (3)</li> <li>• 20th century art history requirement Credits: (6)</li> <li>•</li> <li>• <b>Choose two from the following:</b></li> <li>• ART 545 - Twentieth Century Art History I Credits: (3)</li> <li>• ART 550 - Twentieth Century Art History II Credits: (3)</li> <li>• ART 602 - Twentieth Century Art History III Credits: (3)</li> <li>• ART 603 - Twentieth Century Art History IV Credits: (3)</li> </ul>	<ul style="list-style-type: none"> <li>• ART 196 - Survey of Art History II Credits: (3)</li> <li>• Art History elective Credits: (3)</li> <li>• 20th century art history requirement Credits: (6)</li> <li>• <b>Choose two from the following:</b></li> <li>• ART 545 - Twentieth Century Art History I Credits: (3)</li> <li>• ART 550 - Twentieth Century Art History II Credits: (3)</li> <li>• ART 602 - Twentieth Century Art History III Credits: (3)</li> <li>• ART 603 - Twentieth Century Art History IV Credits: (3)</li> <li>• <b>Art Electives:</b></li> <li>• Art electives Credits: (15) <u>(does not include 100-level courses)</u></li> </ul>
<p><b>Notes</b></p> <p>Studios, laboratories, and equipment for creative work are provided and adequate to the needs of the art areas. Student work may be retained at the discretion of the faculty for an indefinite period of time for instructional and exhibition purposes.</p>	<p><b>Notes</b></p> <p>Select courses in <u>Architecture, Apparel and Textiles, Interior Design, and Environmental Design</u> may be accepted with permission of the Art Department.</p>
<p><b>Total credit hours required for graduation: (124)</b></p>	<p><b>Total credit hours required for graduation: (124)</b></p>

**RATIONALE:** We would like to change the Art Electives in the BFA degree to include only the ART classes at the 200-level or above. This is the current practice in our curriculum because all of our 100-level classes fulfill Foundation requirements. But if someone transfers in a 100 level class that does not fulfill our Foundations requirement, we do not want it to count for an Art Elective for the BFA degree. One example is Art Appreciation which is a class that is fine for non-majors but should not count for the major in Art. Will allow students who change majors from KSU programs that offer



courses allied to the visual arts to use selected courses as Art electives for the Art Department BFA degree. Core and concentration requirements would not be affected.

IMPACT: None

EFFECTIVE DATE: Fall 2016

## Biochemistry and Molecular Biophysics

B.A. in Biochemistry, Medical Biochemistry Track

FROM:

TO:

<p>Biochemistry seeks to understand the molecular events of life processes. It applies chemical and physical techniques to elucidate the structure and organization of molecules, particularly macromolecules that are responsible for the structural organization as well as operation and control of all cellular processes. The emerging knowledge has broad importance and consequences for all areas of the life sciences.</p> <p><b>Bachelor's degree requirements</b> General requirements for undergraduate major: A total of 121 credit hours are required for graduation. The BA program, Medical Track, is obtained by following the curriculum of the College of Arts and Sciences.</p> <p>To graduate, a student must have a grade of C or better in all science and mathematics courses required for the degree, including transfer courses, as specified below. In addition, to graduate a student must have a 2.2 GPA in required science and mathematics courses taken at K-State.</p> <p>BIOCH 110 Biochem &amp; Society Credits (3) BIOCH 521 - Gen Biochemistry Credits (3) BIOCH 522 - Gen Biochemistry Lab Credits (2) BIOCH 571 - Medical Biochemistry Credits: (3) {BIOCH 755 Biochemistry I: (3)}# (BIOCH 799 Biochemistry Research (1-3))#</p> <p>BIOL 198 - Principles of Biology Credits: (4) BIOL 450 Modern Genetics Credits: (4) BIOL 455 General Microbiology Credits: (4)</p>	<p>Biochemistry seeks to understand the molecular events of life processes. It applies chemical and physical techniques to elucidate the structure and organization of molecules, particularly macromolecules that are responsible for the structural organization as well as operation and control of all cellular processes. The emerging knowledge has broad importance and consequences for all areas of the life sciences.</p> <p><b>Bachelor's degree requirements</b> General requirements for undergraduate major: A total of 121 credit hours are required for graduation. The BA program, Medical Track, is obtained by following the curriculum of the College of Arts and Sciences.</p> <p>To graduate, a student must have a grade of C or better in all science and mathematics courses required for the degree, including transfer courses, as specified below. In addition, to graduate a student must have a 2.2 GPA in required science and mathematics courses taken at K-State.</p> <p>BIOCH 110 Biochem &amp; Society Credits (3) BIOCH 521 - Gen Biochemistry Credits (3) BIOCH 522 - Gen Biochemistry Lab Credits (2) BIOCH 571 - Medical Biochemistry Credits: (3) {BIOCH 755 Biochemistry I: (3)}# (BIOCH 799 Biochemistry Research (1-3))#</p> <p>BIOL 198 - Principles of Biology Credits: (4) BIOL 450 Modern Genetics Credits: (4) BIOL 455 General Microbiology Credits: (4)</p>
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<p>BIOL 541 Cell Biology Credits: (3) BIOL 670 Immunology (4)</p> <p>CHM 210 - Chemistry I Credits: (4) CHM 230 - Chemistry II Credits: (4) CHM 371 - Chemical Analysis Credits: (4) CHM350 Gen Org Chem Credits: (3) CHM351 Gen Org Lab Credits: (2)</p> <p>MATH 220 - Analytic Geometry/Calculus Credits: (4)</p> <p>PHYS 113 - General Physics I Credits: (4) PHYS 114 - General Physics II Credits: (4)</p> <p>STAT 340 Biometrics I Credits (3) (STAT 341 Biometrics I: credits (3))<sup>#</sup></p> <p>*Any upper division (500 level or above) elective credits in any College Credits: (20)</p> <p><sup>#</sup> The Medical Biochemistry BA plan requires one of the following three classes: STAT 341 (Biometrics II), BIOCH 755 (Biochemistry I) or BIOCH 799 (Biochemistry Research).</p> <p>Note: The courses above satisfy the mathematics and natural science requirements shown in the general requirements for the BA degree.</p> <p>A&amp;S requirements Credits (32) For BA degree: Level 4 Foreign language Credits (4)</p> <p>Total hours required for graduation (121 credit hours)</p>	<p>BIOL 541 Cell Biology Credits: (3) BIOL 670 Immunology (4)</p> <p>CHM 210 - Chemistry I Credits: (4) CHM 230 - Chemistry II Credits: (4) CHM 371 - Chemical Analysis Credits: (4) CHM350 Gen Org Chem Credits: (3) CHM351 Gen Org Lab Credits: (2)</p> <p>MATH 220 - Analytic Geometry/Calculus Credits: (4)</p> <p>PHYS 113 - General Physics I Credits: (4) PHYS 114 - General Physics II Credits: (4)</p> <p>STAT 340 Biometrics I Credits (3) (STAT 341 Biometrics I: credits (3))<sup>#</sup></p> <p>*Any upper division (500 level or above) elective credits in any College Credits: (20)</p> <p><sup>#</sup> The Medical Biochemistry BA plan requires one of the following three classes: STAT 341 (Biometrics II), BIOCH 755 (Biochemistry I) or BIOCH 799 (Biochemistry Research).</p> <p><u>The following classes are also acceptable as upper-division electives:</u> <u>MATH 222 Analytical Geometry/Calc III Credits: (4)</u> <u>MATH 240 Differential Equations Credits: (4)</u> <u>BIOL 340 Human Body Credits: (3)</u> <u>BIOL 410 Biology of the Cancer Cell Credits: (2)</u> <u>PHILO 365 Medical Ethics Credits: (3)<sup>&amp;</sup></u> <u>PSYCH 470 Psychobiology: (3)</u></p> <p><sup>&amp;</sup> <u>This class cannot both fill the Philosophy requirement of the College of Arts &amp; Sciences, and also serve as an elective in the Medical Biochemistry BS degree plan.</u></p> <p>Note: The courses above satisfy the mathematics and natural science requirements shown in the general requirements for the BS degree.</p> <p>A&amp;S requirements Credits (32) For BA degree: Level 4 Foreign language Credits (4)</p> <p>Total hours required for graduation (121 credit hours)</p>
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**RATIONALE:** Biochemistry and Molecular Biophysics (BMB) proposes to modify the basic Medical Biochemistry BA degree plan we currently offer. After input from advisers in the Division of Biology and ensuing faculty discussions, we proposed to add some classes as potential upper division electives to the degree plan. Dr. Ruth Welti and fellow advisers in the Division of Biology noted that the classes in question directly relate to preparation for health sciences careers, but under our current rules they will not fulfill upper level elective requirements. BMB usually designates upper division classes as 500 level or above, but because of their relevance to future health professions, we propose to accept the classes noted below, about human anatomy, cancer, ethics and psychology as upper division electives.

BIOL 340 – Structure and Function of the Human Body (to a maximum of 3 credits)

BIOL 410 – Biology of the Cancer Cell

PHILO 365 – Medical Ethics

PSYCH 470 – Psychobiology

This proposed action was approved by vote of the BMB faculty on December 15, 2015.

**IMPACT:** Among the 134 current BMB undergraduate majors, 34 students are enrolled in Medical Biochemistry BS/BA plans. I discussed the changes with Brian Spooner (BIOL, Bruce Glymour (PHILO) and Mike Young (PSYCH), who all accept and support the proposed action. Note that these classes are electives, not requirements, so we do not expect any dramatic increases, but rather only slightly higher enrollments. Aside from these ramifications, we do not anticipate that the proposed changes will affect other units.

**EFFECTIVE DATE:** Fall 2016

B.S. in Biochemistry, Medical Biochemistry Track

**FROM:**

**TO:**

<p>Biochemistry seeks to understand the molecular events of life processes. It applies chemical and physical techniques to elucidate the structure and organization of molecules, particularly macromolecules that are responsible for the structural organization as well as operation and control of all cellular processes. The emerging knowledge has broad importance and consequences for all areas of the life sciences.</p> <p><b>Bachelor’s degree requirements</b> General requirements for undergraduate major: A total of 123 credit hours are required for graduation. The BS program, Medical Track, is obtained by following the curriculum of the College of Arts and Sciences.</p>	<p>Biochemistry seeks to understand the molecular events of life processes. It applies chemical and physical techniques to elucidate the structure and organization of molecules, particularly macromolecules that are responsible for the structural organization as well as operation and control of all cellular processes. The emerging knowledge has broad importance and consequences for all areas of the life sciences.</p> <p><b>Bachelor’s degree requirements</b> General requirements for undergraduate major: A total of 123 credit hours are required for graduation. The BS program, Medical Track, is obtained by following the curriculum of the College of Arts and Sciences.</p>
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<p>To graduate, a student must have a grade of C or better in all science and mathematics courses required for the degree, including transfer courses, as specified below. In addition, to graduate a student must have a 2.2 GPA in required science and mathematics courses taken at K-State.</p> <p>BIOCH 110 Biochem &amp; Society Credits (3)</p> <p>BIOCH 521 - Gen Biochemistry Credits (3)  BIOCH 522 - Gen Biochemistry Lab Credits (2)  BIOCH 571 - Medical Biochemistry Credits: (3)  BIOCH 755 Biochemistry I: (3)<sup>#</sup>  BIOCH 765 Biochemistry II (3) <sup>#</sup></p> <p>BIOL 198 - Principles of Biology Credits: (4)  BIOL 450 Modern Genetics Credits: (4)  BIOL 455 General Microbiology Credits: (4)  BIOL 541 Cell Biology Credits: (3)  BIOL 670 Immunology (4)</p> <p>CHM 210 - Chemistry I Credits: (4)  CHM 230 - Chemistry II Credits: (4)  CHM 371 - Chemical Analysis Credits: (4)  CHM350 Gen Org Chem Credits: (3)  CHM351 Gen Org Lab Credits: (2)</p> <p>MATH 220 - Analytic Geometry/Calculus Credits: (4)</p> <p>PHYS 113 - General Physics I Credits: (4)  PHYS 114 - General Physics II Credits: (4)</p> <p>STAT 340 Biometrics I Credits (3)  STAT 341 Biometrics I: credits (3)</p> <p><del>*Upper division (500 level or above) biochemistry, chemistry, biology, math, statistics, computer science, analytical geometry and calculus III, or differential equations elective Credits: (20)</del></p>	<p>To graduate, a student must have a grade of C or better in all science and mathematics courses required for the degree, including transfer courses, as specified below. In addition, to graduate a student must have a 2.2 GPA in required science and mathematics courses taken at K-State.</p> <p>BIOCH 110 Biochem &amp; Society Credits (3)</p> <p>BIOCH 521 - Gen Biochemistry Credits (3)  BIOCH 522 - Gen Biochemistry Lab Credits (2)  BIOCH 571 - Medical Biochemistry Credits: (3)  BIOCH 755 Biochemistry I: (3)<sup>#</sup>  BIOCH 765 Biochemistry II (3) <sup>#</sup></p> <p>BIOL 198 - Principles of Biology Credits: (4)  BIOL 450 Modern Genetics Credits: (4)  BIOL 455 General Microbiology Credits: (4)  BIOL 541 Cell Biology Credits: (3)  BIOL 670 Immunology (4)</p> <p>CHM 210 - Chemistry I Credits: (4)  CHM 230 - Chemistry II Credits: (4)  CHM 371 - Chemical Analysis Credits: (4)  CHM350 Gen Org Chem Credits: (3)  CHM351 Gen Org Lab Credits: (2)</p> <p>MATH 220 - Analytic Geometry/Calculus Credits: (4)</p> <p>PHYS 113 - General Physics I Credits: (4)  PHYS 114 - General Physics II Credits: (4)</p> <p>STAT 340 Biometrics I Credits (3)  STAT 341 Biometrics I: credits (3)</p> <p><u>*Upper-division (500 level or above) biochemistry, chemistry, biology, math, statistics, or computer science Credits: (20)</u></p> <p><u>The following classes are also acceptable as upper-division electives:</u>  <u>MATH 222 Analytical Geometry/Calc III Credits: (4)</u>  <u>MATH 240 Differential Equations Credits: (4)</u>  <u>BIOL 340 Human Body Credits: (3)</u>  <u>BIOL 410 Biology of the Cancer Cell Credits: (2)</u>  <u>PHILO 365 Medical Ethics Credits: (3)<sup>&amp;</sup></u>  <u>PSYCH 470 Psychobiology: (3)</u></p>
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<p># Students may take any 700- or higher-level 3-credit BMB classes as alternatives to BIOCH 755 and BIOCH 765.</p> <p>Note: The courses above satisfy the mathematics and natural science requirements shown in the general requirements for the BS degree.</p> <p>A&amp;S requirements Credits (32)</p> <p>Total hours required for graduation (123 credit hours)</p>	<p><u>&amp; This class cannot both fill the Philosophy requirement of the College of Arts &amp; Sciences, and also serve as an elective in the Medical Biochemistry BS degree plan.</u></p> <p># Students may take any 700- or higher-level 3-credit BMB classes as alternatives to BIOCH 755 and BIOCH 765.</p> <p>Note: The courses above satisfy the mathematics and natural science requirements shown in the general requirements for the BS degree.</p> <p>A&amp;S requirements Credits (32)</p> <p>Total hours required for graduation (123 credit hours)</p>
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**RATIONALE:** Biochemistry and Molecular Biophysics (BMB) proposes to modify the basic Medical Biochemistry BS degree plan that we currently offer. After input from advisers in the Division of Biology and ensuing faculty discussions, we propose to add some classes as potential upper division electives to the degree plan. Dr. Ruth Welti and fellow advisers in the Division of Biology noted that the classes in question directly relate to preparation for health sciences careers, but under our current rules they will not fulfill upper level elective requirements. BMB usually designates upper division classes as 500 level or above, but because of their relevance to future health professions we propose to accept the classes noted below, about human anatomy, cancer, ethics and psychology as upper division electives.

BIOL 340 Structure and Function of the Human Body (to a maximum of 3 credits);

BIOL 410 Biology of the Cancer Cell;

PHILO 365 Medical Ethics;

PSYCH 470 Psychobiology.

This proposed action was approved by vote of the BMB faculty on Dec. 15, 2015

**IMPACT:** Among the 134 current BMB undergraduate majors, 34 students are enrolled in Medical Biochemistry BS/BA plans. I discussed the changes with Brian Spooner (BIOL), Bruce Glymour (PHILO) and Mike Young (PSYCH), who all accept and support the proposed action. Note that these classes are electives, not requirements, so we do not expect any dramatic increases, but rather only slightly higher enrollments. Aside from these ramifications we do anticipate that the proposed changes will affect other units.

**EFFECTIVE DATE:** Fall 2016

## Geography

### Natural Resources and Environmental Sciences Secondary Major (NRES)

FROM:

TO:

II. Block elective requirements	II. Block elective requirements
<p>From the following lists, students must successfully complete a minimum of 5 courses (15 credit hours minimum) from at least four departments. One course must be taken from each of the designated areas (natural, applied, and social sciences/humanities), two courses must be numbered 500 or greater, and three courses must have a prerequisite. These lists are continuously being revised, See the director for the most recent version.</p>	<p>From the following lists, students must successfully complete a minimum of 5 courses (15 credit hours minimum) from at least four departments. One course must be taken from each of the designated areas (natural, applied, and social sciences/humanities), two courses must be numbered 500 or greater, and three courses must have a prerequisite. These lists are continuously being revised, See the director for the most recent version.</p>
<p><i>Natural science courses</i></p>	<p><i>Natural science courses</i></p>
<ul style="list-style-type: none"> <li>• AGRON 305 - Soils <b>Credits:</b> (4)</li> <li>• AGRON 515 - Soil Genesis and Classification <b>Credits:</b> (3)</li> <li>• BIOL 433 - Introduction to Fisheries, Wildlife and Conservation Biology <b>Credits:</b> (3)</li> <li>• BIOL 529 - Fundamentals of Ecology <b>Credits:</b> (3)</li> <li>• BIOL 612 - Freshwater Ecology <b>Credits:</b> (4)</li> <li>• BIOL 642 - Principles of Conservation Biology <b>Credits:</b> (3)</li> <li>• BIOL 687 - Microbial Ecology <b>Credits:</b> (3)</li> <li>• CHM 315 - Environmental Science: A Chemistry Perspective <b>Credits:</b> (3)</li> <li>• CHM 316 - Environmental Science: A Chemistry Perspective Laboratory <b>Credits:</b> (1)</li> <li>• ENTOM 301 - Insects and People <b>Credits:</b> (3)</li> <li>• ENTOM 312 - General Entomology <b>Credits:</b> (3)</li> <li>• ENTOM 680 - Aquatic Entomology <b>Credits:</b> (3)</li> </ul>	<ul style="list-style-type: none"> <li>• AGRON 305 - Soils <b>Credits:</b> (4)</li> <li>• AGRON 515 - Soil Genesis and Classification <b>Credits:</b> (3)</li> <li>• BIOL 433 - Introduction to Fisheries, Wildlife and Conservation Biology <b>Credits:</b> (3)</li> <li>• BIOL 529 - Fundamentals of Ecology <b>Credits:</b> (3)</li> <li>• BIOL 612 - Freshwater Ecology <b>Credits:</b> (4)</li> <li>• BIOL 642 - Principles of Conservation Biology <b>Credits:</b> (3)</li> <li>• BIOL 687 - Microbial Ecology <b>Credits:</b> (3)</li> <li>• CHM 315 - Environmental Science: A Chemistry Perspective <b>Credits:</b> (3)</li> <li>• CHM 316 - Environmental Science: A Chemistry Perspective Laboratory <b>Credits:</b> (1)</li> <li>• ENTOM 301 - Insects and People <b>Credits:</b> (3)</li> <li>• ENTOM 312 - General Entomology <b>Credits:</b> (3)</li> <li>• ENTOM 680 - Aquatic Entomology <b>Credits:</b> (3)</li> </ul>

<ul style="list-style-type: none"> <li>• ENTOM 692 - Insect Ecology <b>Credits:</b> (3)</li> <li>• GEOG 235 - Atmospheric Science <b>Credits:</b> (4)</li> <li>• GEOG 535 - Fundamentals of Climatology <b>Credits:</b> (4)</li> <li>• GEOG 740 - Fluvial Geomorphology <b>Credits:</b> (3)</li> <li>• GEOL 305 - Earth Resources <b>Credits:</b> (3)</li> <li>• GEOL 399 - Honors Seminar in Geology <b>Credits:</b> (1-3)</li> <li>• GEOL 506 - Environmental Studies <b>Credits:</b> (3)</li> <li>• GEOL 515 - Geology of the National Parks <b>Credits:</b> (3)</li> <li>• GEOL 520 - Geomorphology <b>Credits:</b> (3)</li> <li>• GEOL 540 - Geologic Record of Climate Change <b>Credits:</b> (3)</li> <li>• GEOL 611 - Hydrogeology <b>Credits:</b> (3)</li> <li>• GEOL 711 - Water Resources Geochemistry <b>Credits:</b> (3)</li> </ul>	<ul style="list-style-type: none"> <li>• ENTOM 692 - Insect Ecology <b>Credits:</b> (3)</li> <li>• GEOG 235 - Atmospheric Science <b>Credits:</b> (4)</li> <li>• GEOG 535 - Fundamentals of Climatology <b>Credits:</b> (4)</li> <li>• GEOG 740 - Fluvial Geomorphology <b>Credits:</b> (3)</li> <li>• GEOL 305 - Earth Resources <b>Credits:</b> (3)</li> <li>• GEOL 399 - Honors Seminar in Geology <b>Credits:</b> (1-3)</li> <li>• GEOL 506 - Environmental Studies <b>Credits:</b> (3)</li> <li>• GEOL 515 - Geology of the National Parks <b>Credits:</b> (3)</li> <li>• GEOL 520 - Geomorphology <b>Credits:</b> (3)</li> <li>• GEOL 540 - Geologic Record of Climate Change <b>Credits:</b> (3)</li> <li>• GEOL 611 - Hydrogeology <b>Credits:</b> (3)</li> <li>• GEOL 711 - Water Resources Geochemistry <b>Credits:</b> (3)</li> </ul>
<p><i>Applied science and technology courses</i></p>	<p><i>Applied science and technology courses</i></p>
<ul style="list-style-type: none"> <li>• AGRON 330 - Weed Science <b>Credits:</b> (3)</li> <li>• AGRON 335 - Environmental Quality <b>Credits:</b> (3)</li> <li>• AGRON 375 - Soil Fertility <b>Credits:</b> (3)</li> <li>• AGRON 501 - Range Management <b>Credits:</b> (3)</li> <li>• AGRON 635 - Soil and Water Conservation <b>Credits:</b> (3)</li> <li>• AGRON 645 - Soil Microbiology <b>Credits:</b> (3)</li> <li>• AGRON 646 - Soil Microbiology Laboratory <b>Credits:</b> (1)</li> <li>• AGRON 655 - Site Specific Agriculture <b>Credits:</b> (3)</li> <li>• AGRON 746 - Physical Properties of Soils <b>Credits:</b> (3)</li> </ul>	<ul style="list-style-type: none"> <li>• AGRON 330 - Weed Science <b>Credits:</b> (3)</li> <li>• AGRON 335 - Environmental Quality <b>Credits:</b> (3)</li> <li>• AGRON 375 - Soil Fertility <b>Credits:</b> (3)</li> <li>• AGRON 501 - Range Management <b>Credits:</b> (3)</li> <li>• AGRON 635 - Soil and Water Conservation <b>Credits:</b> (3)</li> <li>• AGRON 645 - Soil Microbiology <b>Credits:</b> (3)</li> <li>• AGRON 646 - Soil Microbiology Laboratory <b>Credits:</b> (1)</li> <li>• AGRON 655 - Site Specific Agriculture <b>Credits:</b> (3)</li> <li>• AGRON 746 - Physical Properties of Soils <b>Credits:</b> (3)</li> </ul>

<ul style="list-style-type: none"> <li>• ATM 558 - Hydrology and Soil Erosion Management <b>Credits:</b> (3)</li> <li>• ATM 653 - Water Management and Irrigation Systems <b>Credits:</b> (2)</li> <li>• ATM 661 - Watershed Assessment and Management <b>Credits:</b> (3)</li> <li>• BAE 560 - Hydrology for Biological Systems <b>Credits:</b> (3)</li> <li>• BAE 620 - Problems in Agricultural Engineering <b>Credits:</b> (1-18)</li> <li>• BAE 651 - Air Pollution Engineering <b>Credits:</b> (3)</li> <li>• BAE 660 - Natural Resource Engineering II <b>Credits:</b> (3)</li> <li>• BAE 768 - Geoenvironmental Engineering Design <b>Credits:</b> (3)</li> <li>• BIOL 303 - Ecology of Environmental Problems <b>Credits:</b> (3)</li> <li>• BIOL 684 - Wildlife Management and Techniques <b>Credits:</b> (4)</li> <li>• BIOL 696 - Fisheries Management and Techniques <b>Credits:</b> (4)</li> <li>• CE 550 - Water Resources Engineering <b>Credits:</b> (3)</li> <li>• CE 552 - Hydraulic Engineering <b>Credits:</b> (3)</li> <li>• CE 563 - Environmental Engineering Fundamentals <b>Credits:</b> (3)</li> <li>• CE 565 - Water and Wastewater Engineering <b>Credits:</b> (3)</li> <li>• CE 625 - Principles of Geoenvironmental Engineering <b>Credits:</b> (3)</li> <li>• CE 654 - Design of Groundwater Flow Systems <b>Credits:</b> (3)</li> <li>• CE 766 - Wastewater Engineering: Biological Processes <b>Credits:</b> (3)</li> <li>• CE 768 - Geoenvironmental Engineering Design <b>Credits:</b> (3)</li> <li>• CHE 650 - Hazardous Waste Engineering Seminar <b>Credits:</b> (1)</li> </ul>	<ul style="list-style-type: none"> <li>• ATM 558 - Hydrology and Soil Erosion Management <b>Credits:</b> (3)</li> <li>• ATM 653 - Water Management and Irrigation Systems <b>Credits:</b> (2)</li> <li>• ATM 661 - Watershed Assessment and Management <b>Credits:</b> (3)</li> <li>• BAE 560 - Hydrology for Biological Systems <b>Credits:</b> (3)</li> <li>• BAE 620 - Problems in Agricultural Engineering <b>Credits:</b> (1-18)</li> <li>• BAE 651 - Air Pollution Engineering <b>Credits:</b> (3)</li> <li>• BAE 660 - Natural Resource Engineering II <b>Credits:</b> (3)</li> <li>• BAE 768 - Geoenvironmental Engineering Design <b>Credits:</b> (3)</li> <li>• BIOL 303 - Ecology of Environmental Problems <b>Credits:</b> (3)</li> <li>• BIOL 684 - Wildlife Management and Techniques <b>Credits:</b> (4)</li> <li>• BIOL 696 - Fisheries Management and Techniques <b>Credits:</b> (4)</li> <li>• CE 550 - Water Resources Engineering <b>Credits:</b> (3)</li> <li>• CE 552 - Hydraulic Engineering <b>Credits:</b> (3)</li> <li>• CE 563 - Environmental Engineering Fundamentals <b>Credits:</b> (3)</li> <li>• CE 565 - Water and Wastewater Engineering <b>Credits:</b> (3)</li> <li>• CE 625 - Principles of Geoenvironmental Engineering <b>Credits:</b> (3)</li> <li>• CE 654 - Design of Groundwater Flow Systems <b>Credits:</b> (3)</li> <li>• CE 766 - Wastewater Engineering: Biological Processes <b>Credits:</b> (3)</li> <li>• CE 768 - Geoenvironmental Engineering Design <b>Credits:</b> (3)</li> <li>• CHE 650 - Hazardous Waste Engineering Seminar <b>Credits:</b> (1)</li> </ul>
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<ul style="list-style-type: none"> <li>• CHE 670 - Sustainability Seminar <b>Credits:</b> (1)</li> <li>• CHE 715 - Biochemical Engineering <b>Credits:</b> (3)</li> <li>• CHE 768 - Geoenvironmental Engineering Design <b>Credits:</b> (3)</li> <li>• GEOG 605 - Remote Sensing of the Environment <b>Credits:</b> (3)</li> <li>• GEOL 745 - Exploration Geophysics <b>Credits:</b> (3)</li> <li>• GEOL 730 - Petroleum Geology <b>Credits:</b> (3)</li> <li>• LAR 420 - Natural Systems and Site Analysis <b>Credits:</b> (4)</li> <li>• LAR 741 - Problems in Landscape Architecture <b>Credits:</b> (1-18)</li> <li>• PMC 575 - Water Management for Natural Water Resource Managers <b>Credits:</b> (3)</li> <li>• PMC 635 - Methods of Environmental Interpretation <b>Credits:</b> (3)</li> <li>• PMC 740 - Advanced Environmental Interpretation <b>Credits:</b> (3)</li> </ul> <p><i>Social sciences/humanities courses</i></p>	<ul style="list-style-type: none"> <li>• CHE 670 - Sustainability Seminar <b>Credits:</b> (1)</li> <li>• CHE 715 - Biochemical Engineering <b>Credits:</b> (3)</li> <li>• CHE 768 - Geoenvironmental Engineering Design <b>Credits:</b> (3)</li> <li>• <u>GEOG 508 – Geographic Information Systems I</u> <b>Credits:</b> (4)</li> <li>• GEOG 605 - Remote Sensing of the Environment <b>Credits:</b> (3)</li> <li>• GEOL 745 - Exploration Geophysics <b>Credits:</b> (3)</li> <li>• GEOL 730 - Petroleum Geology <b>Credits:</b> (3)</li> <li>• LAR 420 - Natural Systems and Site Analysis <b>Credits:</b> (4)</li> <li>• LAR 741 - Problems in Landscape Architecture <b>Credits:</b> (1-18)</li> <li>• PMC 575 - Water Management for Natural Water Resource Managers <b>Credits:</b> (3)</li> <li>• PMC 635 - Methods of Environmental Interpretation <b>Credits:</b> (3)</li> <li>• PMC 740 - Advanced Environmental Interpretation <b>Credits:</b> (3)</li> </ul> <p><i>Social sciences/humanities courses</i></p>
<ul style="list-style-type: none"> <li>• AGCOM 712 - Environmental Communication <b>Credits:</b> (3)</li> <li>• AGECE 525 - Natural Resource and Environmental Economics <b>Credits:</b> (3)</li> <li>• AGECE 610 - Current Agriculture and Natural Resource Policy Issues <b>Credits:</b> (3)</li> <li>• ANTH 260 - Introduction to Archeology <b>Credits:</b> (3)</li> <li>• ECON 527 - Environmental Economics <b>Credits:</b> (3)</li> <li>• ENGL 270 - American Literature <b>Credits:</b> (3)</li> <li>• ENGL 680 - Topics in American Literature <b>Credits:</b> (3)</li> <li>• GENAG 670 - Introduction to Agricultural Resources and Environmental Management <b>Credits:</b> (2)</li> </ul>	<ul style="list-style-type: none"> <li>• AGCOM 712 - Environmental Communication <b>Credits:</b> (3)</li> <li>• AGECE 525 - Natural Resource and Environmental Economics <b>Credits:</b> (3)</li> <li>• AGECE 610 - Current Agriculture and Natural Resource Policy Issues <b>Credits:</b> (3)</li> <li>• ANTH 260 - Introduction to Archeology <b>Credits:</b> (3)</li> <li>• ECON 527 - Environmental Economics <b>Credits:</b> (3)</li> <li>• ENGL 270 - American Literature <b>Credits:</b> (3)</li> <li>• ENGL 680 - Topics in American Literature <b>Credits:</b> (3)</li> </ul>

<ul style="list-style-type: none"> <li>• GEOG 340 - Geography of Natural Resources <b>Credits:</b> (3)</li> <li>• GEOG 360 - Sustainability Concepts &amp; Issues <b>Credits:</b> (3)</li> <li>• GEOG 460 - Human Dimensions of Global Change <b>Credits:</b> (3)</li> <li>• GEOG 718 - Geography of Public Lands <b>Credits:</b> (3)</li> <li>• GEOG 720 - Geography of Land Use <b>Credits:</b> (3)</li> <li>• GEOG 725 - Geography of Water Resources <b>Credits:</b> (3)</li> <li>• GEOG 761 - Human Impact on the Environment <b>Credits:</b> (3)</li> <li>• GEOG 765 - Geography of Natural Hazards <b>Credits:</b> (3)</li> <li>• GEOG 770 - Perception of the Environment <b>Credits:</b> (3)</li> <li>• HIST 511 - Environmental History <b>Credits:</b> (3)</li> <li>• HIST 557 - History of American Agriculture <b>Credits:</b> (3)</li> <li>• LAR 322 - Environmental Issues and Ethics <b>Credits:</b> (3)</li> <li>• LAR 646 - Community Planning and Design <b>Credits:</b> (5)</li> <li>• MC 712 - Environmental Communications <b>Credits:</b> (3)</li> <li>• PHILO 595 - Environmental Ethics <b>Credits:</b> (3)</li> <li>• PLAN 315 - Introduction to City Planning <b>Credits:</b> (3)</li> <li>• SOCIO 536 - Environmental Sociology <b>Credits:</b> (3)</li> <li>• WOMST 480 - Seminar in Gender, Environment &amp; Justice <b>Credits:</b> (3)</li> </ul>	<ul style="list-style-type: none"> <li>• GENAG 670 - Introduction to Agricultural Resources and Environmental Management <b>Credits:</b> (2)</li> <li>• GEOG 340 - Geography of Natural Resources <b>Credits:</b> (3)</li> <li>• GEOG 360 - Sustainability Concepts &amp; Issues <b>Credits:</b> (3)</li> <li>• GEOG 460 - Human Dimensions of Global Change <b>Credits:</b> (3)</li> <li>• GEOG 718 - Geography of Public Lands <b>Credits:</b> (3)</li> <li>• GEOG 720 - Geography of Land Use <b>Credits:</b> (3)</li> <li>• GEOG 725 - Geography of Water Resources <b>Credits:</b> (3)</li> <li>• GEOG 761 - Human Impact on the Environment <b>Credits:</b> (3)</li> <li>• GEOG 765 - Geography of Natural Hazards <b>Credits:</b> (3)</li> <li>• GEOG 770 - Perception of the Environment <b>Credits:</b> (3)</li> <li>• HIST 511 - Environmental History <b>Credits:</b> (3)</li> <li>• HIST 557 - History of American Agriculture <b>Credits:</b> (3)</li> <li>• LAR 322 - Environmental Issues and Ethics <b>Credits:</b> (3)</li> <li>• LAR 646 - Community Planning and Design <b>Credits:</b> (5)</li> <li>• MC 712 - Environmental Communications <b>Credits:</b> (3)</li> <li>• PHILO 595 - Environmental Ethics <b>Credits:</b> (3)</li> <li>• PLAN 315 - Introduction to City Planning <b>Credits:</b> (3)</li> <li>• SOCIO 536 - Environmental Sociology <b>Credits:</b> (3)</li> <li>• WOMST 480 - Seminar in Gender, Environment &amp; Justice <b>Credits:</b> (3)</li> </ul>
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**RATIONALE:** The nine members of the Board of Directors for the NRES program evaluated GEOG 508 and found that at least 50% of the course content dealt with natural resources of environmental sciences. They therefore approved addition of the classes to the NRES curriculum by unanimous vote on December 10, 2015.

**IMPACT:** None

**EFFECTIVE DATE:** Fall 2016

## Political Science

Political Science B.A./B.S.

**FROM:**

**TO:**

<p>Courses</p> <p><b>American Government and Politics</b></p> <ul style="list-style-type: none"> <li>• POLSC 507 - Introduction to Public Administration</li> <li>• POLSC 525 - U.S. National Government and Politics</li> <li>• POLSC 576 - Mass Communications and Political Campaigns</li> <li>• POLSC 603 - Political Parties and Elections</li> <li>• POLSC 604 - Interest Groups and Public Opinion</li> <li>• POLSC 605 - The American Presidency</li> <li>• POLSC 606 - Gender and Politics</li> <li>• POLSC 607 - Administrative Law</li> <li>• POLSC 608 - Political Participation in the United States</li> <li>• POLSC 611 - The Legislative Process</li> <li>• POLSC 612 - The Judicial Process</li> <li>• POLSC 614 - Constitutional Law I</li> <li>• POLSC 615 - Constitutional Law II</li> <li>• POLSC 618 - Urban Politics</li> <li>• POLSC 620 - State and Local Government</li> <li>• POLSC 628 - Civic Engagement</li> <li>• POLSC 702 - Public Administration and Society</li> <li>• POLSC 708 - Public Personnel Administration</li> <li>• POLSC 735 - Public Organization Theory</li> <li>• POLSC 737 - Public Budgeting</li> <li>• POLSC 739 - Intergovernmental Relations</li> <li>• POLSC 740 - Nonprofit Financial Management</li> </ul> <p><b>Comparative Government and Politics</b></p>	<p>Courses</p> <p><b>American Government and Politics</b></p> <ul style="list-style-type: none"> <li>• POLSC 507 - Introduction to Public Administration</li> <li>• POLSC 525 - U.S. National Government and Politics</li> <li>• POLSC 576 - Mass Communications and Political Campaigns</li> <li>• POLSC 603 - Political Parties and Elections</li> <li>• POLSC 604 - Interest Groups and Public Opinion</li> <li>• POLSC 605 - The American Presidency</li> <li>• POLSC 606 - Gender and Politics</li> <li>• POLSC 607 - Administrative Law</li> <li>• POLSC 608 - Political Participation in the United States</li> <li>• POLSC 611 - The Legislative Process</li> <li>• POLSC 612 - The Judicial Process</li> <li>• POLSC 614 - Constitutional Law I</li> <li>• POLSC 615 - Constitutional Law II</li> <li>• POLSC 618 - Urban Politics</li> <li>• POLSC 620 - State and Local Government</li> <li>• POLSC 628 - Civic Engagement</li> <li>• POLSC 702 - Public Administration and Society</li> <li>• POLSC 708 - Public Personnel Administration</li> <li>• POLSC 735 - Public Organization Theory</li> <li>• POLSC 737 - Public Budgeting</li> <li>• POLSC 739 - Intergovernmental Relations</li> <li>• POLSC 740 - Nonprofit Financial Management</li> </ul> <p><b>Comparative Government and Politics</b></p>
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<ul style="list-style-type: none"> <li>• POLSC 504 - Political Sociology</li> <li>• POLSC 505 - South Asian Civilizations</li> <li>• POLSC 511 - Contemporary Chinese Politics</li> <li>• POLSC 545 - The Politics of Developing Nations</li> <li>• POLSC 619 - Comparative Agriculture</li> </ul> <p>Politics and Policy</p> <ul style="list-style-type: none"> <li>• POLSC 621 - West European Politics</li> <li>• POLSC 622 - Latin American Politics</li> <li>• POLSC 623 - South Asian Politics</li> <li>• POLSC 624 - Middle East Politics</li> <li>• POLSC 625 - East Asian Politics</li> <li>• POLSC 626 - African Politics</li> <li>• POLSC 627 - Eastern and Central European</li> </ul> <p>Politics</p> <ul style="list-style-type: none"> <li>• POLSC 629 - Development Policy and Administration</li> </ul> <p>Former Soviet Union</p> <ul style="list-style-type: none"> <li>• POLSC 630 - Politics of Russia and the</li> <li>• POLSC 638 - Ethnic Conflict</li> <li>• POLSC 707 - Comparative Administrative</li> </ul> <p>Systems</p> <ul style="list-style-type: none"> <li>• POLSC 731 - Comparative Civil-Military</li> </ul> <p>Relations</p> <p><b>International Relations</b></p> <ul style="list-style-type: none"> <li>• POLSC 540 - Global Security Threats</li> <li>• POLSC 541 - Politics of the World Economy</li> <li>• POLSC 543 - American Foreign Policy</li> <li>• POLSC 549 - International Defense Strategies</li> <li>• POLSC 642 - International Conflict</li> <li>• POLSC 643 - Global Human Rights</li> <li>• POLSC 645 - International Politics of Europe</li> <li>• POLSC 647 - International Law</li> <li>• POLSC 651 - International Organization</li> <li>• POLSC 652 - International Politics of South</li> </ul> <p>Asia</p> <ul style="list-style-type: none"> <li>• POLSC 653 - International Politics of the</li> </ul> <p>Middle East</p> <ul style="list-style-type: none"> <li>• POLSC 654 - International Politics of Africa</li> <li>• POLSC 655 - International Politics of Latin</li> </ul> <p>America</p> <ul style="list-style-type: none"> <li>• POLSC 754 - The Professional Diplomat and Foreign Policy Formulation</li> <li>• POLSC 756 - International Political Economy</li> </ul> <p><b>Methods, Seminars, Readings, and Problems</b></p> <ul style="list-style-type: none"> <li>• POLSC 555 - Senior Honors Seminar</li> <li>• POLSC 700 - Research Methods in Political Science</li> <li>• POLSC 701 - Computer and Quantitative Analysis in Political Science</li> <li>• POLSC 710 - Policy Analysis and Evaluation</li> </ul>	<ul style="list-style-type: none"> <li>• POLSC 504 - Political Sociology</li> <li>• POLSC 505 - South Asian Civilizations</li> <li>• POLSC 511 - Contemporary Chinese Politics</li> <li>• <u>POLSC 524 - Political Islam</u></li> <li>• POLSC 545 - The Politics of Developing Nations</li> <li>• POLSC 619 - Comparative Agriculture</li> </ul> <p>Politics and Policy</p> <ul style="list-style-type: none"> <li>• POLSC 621 - West European Politics</li> <li>• POLSC 622 - Latin American Politics</li> <li>• POLSC 623 - South Asian Politics</li> <li>• POLSC 624 - Middle East Politics</li> <li>• POLSC 625 - East Asian Politics</li> <li>• POLSC 626 - African Politics</li> <li>• POLSC 627 - Eastern and Central European</li> </ul> <p>Politics</p> <ul style="list-style-type: none"> <li>• POLSC 629 - Development Policy and Administration</li> </ul> <p>Former Soviet Union</p> <ul style="list-style-type: none"> <li>• POLSC 630 - Politics of Russia and the</li> <li>• POLSC 638 - Ethnic Conflict</li> <li>• POLSC 707 - Comparative Administrative</li> </ul> <p>Systems</p> <ul style="list-style-type: none"> <li>• POLSC 731 - Comparative Civil-Military</li> </ul> <p>Relations</p> <p><b>International Relations</b></p> <ul style="list-style-type: none"> <li>• POLSC 540 - Global Security Threats</li> <li>• POLSC 541 - Politics of the World Economy</li> <li>• POLSC 543 - American Foreign Policy</li> <li>• POLSC 549 - International Defense Strategies</li> <li>• POLSC 642 - International Conflict</li> <li>• POLSC 643 - Global Human Rights</li> <li>• POLSC 645 - International Politics of Europe</li> <li>• POLSC 647 - International Law</li> <li>• POLSC 651 - International Organization</li> <li>• POLSC 652 - International Politics of South</li> </ul> <p>Asia</p> <ul style="list-style-type: none"> <li>• POLSC 653 - International Politics of the</li> </ul> <p>Middle East</p> <ul style="list-style-type: none"> <li>• POLSC 654 - International Politics of Africa</li> <li>• POLSC 655 - International Politics of Latin</li> </ul> <p>America</p> <ul style="list-style-type: none"> <li>• POLSC 754 - The Professional Diplomat and Foreign Policy Formulation</li> <li>• POLSC 756 - International Political Economy</li> </ul> <p><b>Methods, Seminars, Readings, and Problems</b></p> <ul style="list-style-type: none"> <li>• POLSC 555 - Senior Honors Seminar</li> <li>• POLSC 700 - Research Methods in Political Science</li> </ul>
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<ul style="list-style-type: none"> <li>• POLSC 712 - Game Theory for Political Scientists</li> <li>• POLSC 784 - Internship in Government, Public Administration, and Politics</li> <li>• POLSC 785 - Readings in Political Science</li> <li>• POLSC 790 - Problems in Political Science</li> <li>• POLSC 791 - Topics in Political Science</li> <li>• POLSC 799 - Pro-Seminar in Political Science</li> </ul> <p><b>Political Science</b></p> <ul style="list-style-type: none"> <li>• POLSC 107 - Political Science Colloquium</li> <li>• POLSC 110 - Introduction to Political Science</li> <li>• POLSC 111 - Introduction to Political Science, Honors</li> <li>• POLSC 115 - U.S. Politics</li> <li>• POLSC 135 - Introduction to Comparative Politics</li> <li>• POLSC 301 - Introduction to Political Thought</li> <li>• POLSC 321 - Kansas Politics and Government</li> <li>• POLSC 326 - United States Politics, Honors</li> <li>• POLSC 333 - World Politics</li> <li>• POLSC 350 - Current Political Issues</li> <li>• POLSC 355 - Contemporary Issues</li> <li>• POLSC 366 - Practical Politics</li> <li>• POLSC 377 - Introduction to Public Policy</li> <li>• POLSC 399 - Honors Seminar in Political Science</li> <li>• POLSC 400 - Political Inquiry and Analysis</li> <li>• POLSC 401 - Topics in Politics</li> <li>• POLSC 499 - Honors Project</li> <li>• <del>POLSC 524 - Political Islam</del></li> <li>• POLSC 601 - Topics in Political Science</li> <li>• POLSC 610 - Local Government Law</li> <li>• POLSC 736 - Strategic Management of Public Organizations</li> <li>• POLSC 738 - Public Finance</li> </ul> <p><b>Political Thought</b></p> <ul style="list-style-type: none"> <li>• POLSC 661 - Political Thought: Classical to Sixteenth Century</li> <li>• POLSC 663 - Political Thought: Since the Sixteenth Century</li> <li>• POLSC 667 - American Political Thought</li> <li>• POLSC 670 - Law, Politics, and Literature</li> <li>• POLSC 671 - Modern Political Thought</li> <li>• POLSC 672 - Ideologies: Their Origins and Impact</li> <li>• POLSC 675 - Religion and Politics</li> <li>• POLSC 711 - Administrative Ethics</li> </ul>	<ul style="list-style-type: none"> <li>• POLSC 701 - Computer and Quantitative Analysis in Political Science</li> <li>• POLSC 710 - Policy Analysis and Evaluation</li> <li>• POLSC 712 - Game Theory for Political Scientists</li> <li>• POLSC 784 - Internship in Government, Public Administration, and Politics</li> <li>• POLSC 785 - Readings in Political Science</li> <li>• POLSC 790 - Problems in Political Science</li> <li>• POLSC 791 - Topics in Political Science</li> <li>• POLSC 799 - Pro-Seminar in Political Science</li> </ul> <p><b>Political Science</b></p> <ul style="list-style-type: none"> <li>• POLSC 107 - Political Science Colloquium</li> <li>• POLSC 110 - Introduction to Political Science</li> <li>• POLSC 111 - Introduction to Political Science, Honors</li> <li>• POLSC 115 - U.S. Politics</li> <li>• POLSC 135 - Introduction to Comparative Politics</li> <li>• POLSC 301 - Introduction to Political Thought</li> <li>• POLSC 321 - Kansas Politics and Government</li> <li>• POLSC 326 - United States Politics, Honors</li> <li>• POLSC 333 - World Politics</li> <li>• POLSC 350 - Current Political Issues</li> <li>• POLSC 355 - Contemporary Issues</li> <li>• POLSC 366 - Practical Politics</li> <li>• POLSC 377 - Introduction to Public Policy</li> <li>• POLSC 399 - Honors Seminar in Political Science</li> <li>• POLSC 400 - Political Inquiry and Analysis</li> <li>• POLSC 401 - Topics in Politics</li> <li>• POLSC 499 - Honors Project</li> <li>• POLSC 601 - Topics in Political Science</li> <li>• POLSC 610 - Local Government Law</li> <li>• POLSC 736 - Strategic Management of Public Organizations</li> <li>• POLSC 738 - Public Finance</li> </ul> <p><b>Political Thought</b></p> <p><u>POLSC 524 – Political Islam</u></p> <ul style="list-style-type: none"> <li>• POLSC 661 - Political Thought: Classical to Sixteenth Century</li> <li>• POLSC 663 - Political Thought: Since the Sixteenth Century</li> <li>• POLSC 667 - American Political Thought</li> <li>• POLSC 670 - Law, Politics, and Literature</li> <li>• POLSC 671 - Modern Political Thought</li> <li>• POLSC 672 - Ideologies: Their Origins and Impact</li> </ul>
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	<ul style="list-style-type: none"> <li>• POLSC 675 - Religion and Politics</li> <li>• POLSC 711 - Administrative Ethics</li> </ul>
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**RATIONALE:** Political Islam was developed and approved by the Political Science faculty in Fall 2013, and was intended to fulfill either the upper level political thought or upper level comparative politics requirement for the major. It was originally offered as POLSC 601 (Topics in Political Science) in Spring 2014, and renamed POLSC 524 for the 2014-2015 year. This course explores the philosophical foundations of Islamic views of governance, as well as modern challenges. Which makes it appropriate as a political thought course. In addition, the course focuses on political systems, laws, and political movements within Muslim states, making it appropriate for comparative politics as well. This course currently fulfills general political science elective credits; our department requests that POLSC 524 be approved to fulfill either the upper level political thought or upper level comparative politics requirement for the political science major.

**IMPACT:** As this is only a change to the political science major, it does not impact any other unit.

**EFFECTIVE DATE:** Fall 2016

## Sociology, Anthropology, and Social Work

### Anthropology Minor

**FROM:**

**TO:**

<p><b><i>Introductory courses (9 credit hours)</i></b></p> <p>Select <del>three</del> of the four introductory courses to the field:</p> <ul style="list-style-type: none"> <li>• ANTH 200 - Introduction to Cultural Anthropology <b>Credits:</b> (3)</li> <li>• or</li> <li>• ANTH 204 - A General Education Introduction to Cultural Anthropology <b>Credits:</b> (3)</li> <li>• or</li> </ul>	<p><b><i>Introductory courses (6 credit hours)</i></b></p> <p>Select <u>two</u> of the four introductory courses to the field:</p> <ul style="list-style-type: none"> <li>• ANTH 200 - Introduction to Cultural Anthropology <b>Credits:</b> (3)</li> <li>• or</li> <li>• ANTH 204 - A General Education Introduction to Cultural Anthropology <b>Credits:</b> (3)</li> <li>• or</li> </ul>
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<ul style="list-style-type: none"> <li>• ANTH 210 - Introduction to Cultural Anthropology, Honors <b>Credits:</b> (3)</li> <li>• ANTH 220 - Introduction to Linguistic Anthropology <b>Credits:</b> (3)</li> <li>• ANTH 260 - Introduction to <u>Archeology</u> <b>Credits:</b> (3)</li> <li>• ANTH 280 - Introduction to Biological Anthropology <b>Credits:</b> (4)</li> </ul> <p><b>Advanced anthropology courses (<del>9-credit hours</del>)</b></p> <ul style="list-style-type: none"> <li>• Select <del>three</del> advanced electives (300 level or above) <del>in at least two of the subfields</del></li> </ul> <p><b>Total credit hours: (18)</b></p>	<ul style="list-style-type: none"> <li>• ANTH 210 - Introduction to Cultural Anthropology, Honors <b>Credits:</b> (3)</li> <li>• ANTH 220 - Introduction to Linguistic Anthropology <b>Credits:</b> (3)</li> <li>• ANTH 260 - Introduction to <u>Archaeology</u> <b>Credits:</b> (3)</li> <li>• ANTH 280 - Introduction to Biological Anthropology <b>Credits:</b> (4)</li> </ul> <p><b>Advanced anthropology courses (<u>12 credit hours</u>)</b></p> <ul style="list-style-type: none"> <li>• Select <u>four</u> advanced electives (300 level or above).</li> </ul> <p><b>Total credit hours: (18)</b></p>
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**RATIONALE:** The Anthropology program is very interdisciplinary with faculty exploring what it means to be human through culture, language, forensics and the archaeological record. As important as this breadth is for our discipline, our program and our majors, we have come to believe that for our minors it has become counterproductive to expect the same kind of engagement. We would like to allow our minors to focus their advanced electives in any way they choose. If a student wanted to focus their electives on all cultural anthropology courses or all biological anthropology courses, then for our minors, we have decided that that would be fine. Just to make sure that they get a taste of another sub-discipline, we are requiring that they take two intro classes (down from three). The number of credits required remains the same.

**IMPACT:** None

**EFFECTIVE DATE:** Fall 2016

Sociology B.A./B.S.

**FROM:**

**TO:**

<p>Sociology is the systematic study of social relationships at many different levels. For example, sociologists analyze small groups, complex organizations such as bureaucracies or factories, race/ethnic relations, gender relations, communities, nations, and even global social</p>	<p>Sociology is the systematic study of social relationships at many different levels. For example, sociologists analyze small groups, complex organizations such as bureaucracies or factories, race/ethnic relations, gender relations, communities, nations, and even global social</p>
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<p>formations. The processes and behaviors sociologists examine include social interaction among individuals, institutional change, social policy formation, criminal and deviant behavior (and responses to such behavior), population growth and distribution, and social change and development.</p> <p>The sociology program offers concentrations in general sociology and in criminology. General sociology provides a desirable background, as either a sole or combined major, for further professional training in law, city planning, public administration, hospital administration, and medicine, as well as for advanced graduate work in sociology or other social sciences. It also prepares students for a wide variety of careers that involve problem-solving and gathering, organizing, and analyzing information (i.e., data). Such careers may involve jobs ranging from sales and management to community services and government work.</p> <p>The criminology concentration prepares students for careers in the criminal justice system (including law enforcement, correctional institutions, court services) as well as advanced study in law or graduate work in sociology, criminology, or criminal justice.</p> <p>Students who major in sociology should refer to the general requirements for the BA or BS degree earlier in the College of Arts and Sciences section of this catalog. Sociology students who desire to teach in secondary schools should prepare for teacher licensure with a major in sociology (see the College of Education section of this catalog).</p> <p>All sociology majors are required to complete <u>6</u> credit hours of required outside courses. Students majoring in general sociology must also take <u>46</u> credit hours of required core courses and <u>45</u> credit hours of electives, with <u>9</u> of these <u>45</u> credit hours at the 500 level or above. Criminology students must complete <u>25</u>-credit</p>	<p>formations. The processes and behaviors sociologists examine include social interaction among individuals, institutional change, social policy formation, criminal and deviant behavior (and responses to such behavior), population growth and distribution, and social change and development.</p> <p>The sociology program offers concentrations in general sociology and in criminology. General sociology provides a desirable background, as either a sole or combined major, for further professional training in law, city planning, public administration, hospital administration, and medicine, as well as for advanced graduate work in sociology or other social sciences. It also prepares students for a wide variety of careers that involve problem-solving and gathering, organizing, and analyzing information (i.e., data). Such careers may involve jobs ranging from sales and management to community services and government work.</p> <p>The criminology concentration prepares students for careers in the criminal justice system (including law enforcement, correctional institutions, court services) as well as advanced study in law or graduate work in sociology, criminology, or criminal justice.</p> <p>Students who major in sociology should refer to the general requirements for the BA or BS degree earlier in the College of Arts and Sciences section of this catalog. Sociology students who desire to teach in secondary schools should prepare for teacher licensure with a major in sociology (see the College of Education section of this catalog).</p> <p>All sociology majors are required to complete <u>3</u> credit hours of required outside courses. Students majoring in general sociology must also take <u>10</u> credit hours of required core courses and <u>21</u> credit hours of electives, with <u>12</u> of these <u>21</u> credit hours at the 500 level or above. Criminology students must complete <u>19</u> credit</p>
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hours of required core courses and 9 credit hours of electives from two categories of ancillary courses.

### Bachelor's degree requirements

### Field experience/internship

During their senior year, qualified students\* in the sociology/criminology program may participate in a professionally supervised internship in a criminal justice agency or other organization directly related to their career interests and aspirations. The aim of the supervised internship is to prepare beginning professionals for careers in a variety of settings related to their major. In special instances a junior in good academic standing may apply.

Credit hours ranging from 7 to 13 hours may be earned through the field experience option. Field experience hours may not substitute for core or elective requirements for the major.

\*Qualifications include a minimum GPA of 2.5 and a letter of recommendation from a sociology faculty member.

### General sociology major

#### *Tools and related courses*

- \*Required Outside Courses **Credits:** (3)
- [STAT 325 - Introduction to Statistics](#) **Credits:** (3)
- \*At advisor's recommendation, students may be required to take 3 credit hours of CIS 101-104 to gain necessary computing skills.

hours of required core courses and 15 credit hours of electives from two categories of ancillary courses. In order to graduate with a bachelor's degree in either concentration, students are required to earn a 2.5 grade point average in courses taken within the major.

### Bachelor's degree requirements

### Field experience/internship

During their senior year, qualified students\* in the sociology/criminology program may participate in a professionally supervised internship in a criminal justice agency or other organization directly related to their career interests and aspirations. The aim of the supervised internship is to prepare beginning professionals for careers in a variety of settings related to their major. In special instances a junior in good academic standing may apply.

Credit hours ranging from 7 to 13 hours may be earned through the field experience option. Field experience hours may not substitute for core or elective requirements for the major.

\*Qualifications include a minimum GPA of 2.5 and a letter of recommendation from a sociology faculty member.

### General sociology major

#### *Tools and related courses*

- \*Required Outside Courses **Credits:** (3)
- [STAT 325 - Introduction to Statistics](#) **Credits:** (3)
- \*At advisor's recommendation, students may be required to take 3 credit hours of CIS 101-104 to gain necessary computing skills.

<p><b>Core courses (10 credit hours)</b></p> <ul style="list-style-type: none"> <li>• SOCIO 211 - Introduction to Sociology <b>Credits:</b> (3)</li> <li>• SOCIO 423 - Methods of Social Research I <b>Credits:</b> (4)</li> <li>• SOCIO 431 - Comparative Social Theories <b>Credits:</b> (3)</li> </ul>	<p><b>Core courses (10 credit hours)</b></p> <ul style="list-style-type: none"> <li>• SOCIO 211 - Introduction to Sociology <b>Credits:</b> (3)</li> <li>• SOCIO 423 - Methods of Social Research I <b>Credits:</b> (4)</li> <li>• SOCIO 431 - Comparative Social Theories <b>Credits:</b> (3)</li> </ul>
<p><b>Electives (15 credit hours)</b></p> <p>Fifteen credit hours of sociology electives are required, with at least two courses from each of the two categories (A and B).</p>	<p><b>Electives (15 credit hours)</b></p> <p>Fifteen credit hours of sociology electives are required, with at least two courses from each of the two categories (A and B).</p>
<p><b>Sociology: criminology option</b></p>	<p><b>Sociology: criminology option</b></p>
<p><b>*Required outside courses (3 credit hours)</b></p> <ul style="list-style-type: none"> <li>• STAT 325 - Introduction to Statistics <b>Credits:</b> (3)</li> <li>• *At advisor's recommendation, students may be required to take 3 credit hours of CIS 101-104 to gain necessary computing skills.</li> </ul>	<p><b>*Required outside courses (3 credit hours)</b></p> <ul style="list-style-type: none"> <li>• STAT 325 - Introduction to Statistics <b>Credits:</b> (3)</li> <li>• *At advisor's recommendation, students may be required to take 3 credit hours of CIS 101-104 to gain necessary computing skills.</li> </ul>
<p><b>Core courses (25 credit hours)</b></p> <ul style="list-style-type: none"> <li>• SOCIO 211 - Introduction to Sociology <b>Credits:</b> (3)</li> <li>• SOCIO 361 - Criminal Justice Systems <b>Credits:</b> (3)</li> <li>• SOCIO 431 - Comparative Social Theories <b>Credits:</b> (3)</li> <li>• SOCIO 423 - Methods of Social Research I <b>Credits:</b> (4)</li> <li>• SOCIO 561 - Criminology <b>Credits:</b> (3)</li> </ul>	<p><b>Core courses (19 credit hours)</b></p> <ul style="list-style-type: none"> <li>• SOCIO 211 - Introduction to Sociology <b>Credits:</b> (3)</li> <li>• SOCIO 361 - Criminal Justice Systems <b>Credits:</b> (3)</li> <li>• SOCIO 431 - Comparative Social Theories <b>Credits:</b> (3)</li> <li>• SOCIO 423 - Methods of Social Research I <b>Credits:</b> (4)</li> <li>• SOCIO 561 - Criminology <b>Credits:</b> (3)</li> </ul>

<p><i>Community Sociology Requirement (select one)</i></p> <ul style="list-style-type: none"> <li>• SOCIO 432 - Community Organization and Leadership <b>Credits:</b> (3)</li> <li>• SOCIO 531 - Urban Sociology <b>Credits:</b> (3)</li> <li>• SOCIO 533 - Rural Society <b>Credits:</b> (3)</li> </ul> <p><b><i>Electives (15 credit hours)</i></b></p> <hr/> <p>Fifteen credit hours of electives are required with at least two courses from each of the two categories (A and B).</p> <p><i>A. Criminology electives</i></p> <ul style="list-style-type: none"> <li>• SOCIO 362 - Police and Society <b>Credits:</b> (3)</li> <li>• SOCIO 460 - Youth and Crime <b>Credits:</b> (3)</li> <li>• SOCIO 463 - Gangs in American Society <b>Credits:</b> (3)</li> <li>• SOCIO 470 - The Criminal Justice System and Family Violence <b>Credits:</b> (3)</li> <li>• SOCIO 480 - Prisons and Punishment <b>Credits:</b> (3)</li> <li>• SOCIO 562 - Study of Serial Murder <b>Credits:</b> (3)</li> <li>• SOCIO 572 - Sociology of the Death Penalty <b>Credits:</b> (3)</li> <li>• SOCIO 582 - The Construction of the Criminal Mind <b>Credits:</b> (3)</li> <li>• SOCIO 635 - Sociology of Human Trafficking <b>Credits:</b> (3)</li> <li>• SOCIO 665 - Women and Crime <b>Credits:</b> (3)</li> </ul> <p><i>B. Supporting electives</i></p>	<p><i>Community Sociology Requirement (select one)</i></p> <ul style="list-style-type: none"> <li>• SOCIO 432 - Community Organization and Leadership <b>Credits:</b> (3)</li> <li>• SOCIO 531 - Urban Sociology <b>Credits:</b> (3)</li> <li>• SOCIO 533 - Rural Society <b>Credits:</b> (3)</li> </ul> <p><b><i>Electives (15 credit hours)</i></b></p> <hr/> <p>Fifteen credit hours of electives are required with at least two courses from each of the two categories (A and B).</p> <p><i>A. Criminology electives</i></p> <ul style="list-style-type: none"> <li>• SOCIO 362 - Police and Society <b>Credits:</b> (3)</li> <li>• SOCIO 460 - Youth and Crime <b>Credits:</b> (3)</li> <li>• SOCIO 463 - Gangs in American Society <b>Credits:</b> (3)</li> <li>• SOCIO 470 - The Criminal Justice System and Family Violence <b>Credits:</b> (3)</li> <li>• SOCIO 480 - Prisons and Punishment <b>Credits:</b> (3)</li> <li>• SOCIO 562 - Study of Serial Murder <b>Credits:</b> (3)</li> <li>• SOCIO 572 - Sociology of the Death Penalty <b>Credits:</b> (3)</li> <li>• SOCIO 582 - The Construction of the Criminal Mind <b>Credits:</b> (3)</li> <li>• SOCIO 635 - Sociology of Human Trafficking <b>Credits:</b> (3)</li> <li>• SOCIO 665 - Women and Crime <b>Credits:</b> (3)</li> </ul> <p><i>B. Supporting electives</i></p>
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<ul style="list-style-type: none"> <li>• SOCIO 440 - Social Organization <b>Credits:</b> (3)</li> <li>• SOCIO 450 - Introduction to Social Interaction <b>Credits:</b> (3)</li> <li>• SOCIO 541 - Wealth, Power, and Privilege <b>Credits:</b> (3)</li> <li>• SOCIO 545 - The Sociology of Women <b>Credits:</b> (3)</li> <li>• SOCIO 570 - Race and Ethnic Relations in the USA <b>Credits:</b> (3)</li> </ul> <p><b>Total credit hours required for graduation:</b> <b>(120)</b></p>	<ul style="list-style-type: none"> <li>• SOCIO 440 - Social Organization <b>Credits:</b> (3)</li> <li>• SOCIO 450 - Introduction to Social Interaction <b>Credits:</b> (3)</li> <li>• SOCIO 541 - Wealth, Power, and Privilege <b>Credits:</b> (3)</li> <li>• SOCIO 545 - The Sociology of Women <b>Credits:</b> (3)</li> <li>• SOCIO 570 - Race and Ethnic Relations in the USA <b>Credits:</b> (3)</li> </ul> <p><b>Total credit hours required for graduation:</b> <b>(120)</b></p>
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**RATIONALE:** This change is to correct the number of Core Course credit hours listed for the Criminology Option.

**IMPACT:** None

**EFFECTIVE DATE:** Fall 2016

# EXPEDITED CURRICULUM PROPOSALS

## Graduate

### **Geography**

#### Geographic Information Science Graduate Certificate

FROM:

TO:

<i>Elective Courses - Select Two (minimum of 6 credit hours):</i>	<i>Elective Courses - Select Two (minimum of 6 credit hours):</i>
<p>In addition to the Geospatial Core courses, students enrolled in the Graduate Certificate on GIScience program must take a minimum of 6 additional credit hours of electives consisting of courses in intermediate/advanced GIScience or application courses with a major emphasis on the use of geospatial technologies. Elective requirements may be satisfied from the following course list or, in some instances, be met through special topics or independent study courses with significant geospatial content (must be approved by the certificate coordinator).</p> <ul style="list-style-type: none"> <li>• AGRON 655 - Site Specific Agriculture <b>Credits:</b> (3)</li> <li>• CE 585 - Civil Engineering Project <b>Credits:</b> (1-3)</li> <li>• CE 752 - Advanced Hydrology <b>Credits:</b> (3)</li> <li>• CE 786 - Land Development for Civil Engineers and Planners <b>Credits:</b> (3)</li> <li>• CIS 501 - Software Architecture and Design <b>Credits:</b> (3)</li> <li>• CIS 560 - Database System Concepts <b>Credits:</b> (3)</li> <li>• CIS 635 - Introduction to Computer-Based Knowledge Systems <b>Credits:</b> (3)</li> <li>• CIS 636 - Introduction to Computer Graphics <b>Credits:</b> (3)</li> <li>• <del>GEOL 560 - Field Methods <b>Credits:</b> (3)</del></li> </ul>	<p>In addition to the Geospatial Core courses, students enrolled in the Graduate Certificate on GIScience program must take a minimum of 6 additional credit hours of electives consisting of courses in intermediate/advanced GIScience or application courses with a major emphasis on the use of geospatial technologies. Elective requirements may be satisfied from the following course list or, in some instances, be met through special topics or independent study courses with significant geospatial content (must be approved by the certificate coordinator).</p> <ul style="list-style-type: none"> <li>• AGRON 655 - Site Specific Agriculture <b>Credits:</b> (3)</li> <li>• CE 585 - Civil Engineering Project <b>Credits:</b> (1-3)</li> <li>• CE 752 - Advanced Hydrology <b>Credits:</b> (3)</li> <li>• CE 786 - Land Development for Civil Engineers and Planners <b>Credits:</b> (3)</li> <li>• CIS 501 - Software Architecture and Design <b>Credits:</b> (3)</li> <li>• CIS 560 - Database System Concepts <b>Credits:</b> (3)</li> <li>• CIS 635 - Introduction to Computer-Based Knowledge Systems <b>Credits:</b> (3)</li> <li>• CIS 636 - Introduction to Computer Graphics <b>Credits:</b> (3)</li> <li>• GEOG 602 - Computer Mapping and Geographic Visualization <b>Credits:</b> (3)</li> </ul>

<ul style="list-style-type: none"> <li>• GEOG 602 - Computer Mapping and Geographic Visualization <b>Credits:</b> (3)</li> <li>• GEOG 610 - Geography Internship <b>Credits:</b> (1-6)</li> <li>• GEOG 700 - Quantitative Analysis in Geography <b>Credits:</b> (3)</li> <li>• GEOG 711 - Topics in Remote Sensing <b>Credits:</b> (3)</li> <li>• GEOG 712 - Internet GIS and Distributed Geographic Information Services <b>Credits:</b> (3)</li> <li>• GEOG 795 - Topics in Geographic Information Science <b>Credits:</b> (1-3)</li> <li>• GEOG 808 - Geocomputation <b>Credits:</b> (3)</li> <li>• GEOG 880 - Spatial Data Analysis and Modeling <b>Credits:</b> (3)</li> <li>• GEOG 890 - Advanced Spatial Analysis Techniques <b>Credits:</b> (3)</li> <li>• GEOG 895 - Topics in Spatial Analysis <b>Credits:</b> (1-3)</li> <li>• LAR 704 - Environmental Landscape Planning and Design <b>Credits:</b> (5)</li> <li>• PLAN 801 - Planning Methods I <b>Credits:</b> (3)</li> <li>• PLAN 836 - Community Plan Preparation <b>Credits:</b> (3)</li> <li>• STAT 703 - Introduction to Statistical Methods for the Sciences <b>Credits:</b> (3)</li> <li>• STAT 705 - Regression and Analysis of Variance <b>Credits:</b> (3)</li> </ul>	<ul style="list-style-type: none"> <li>• GEOG 610 - Geography Internship <b>Credits:</b> (1-6)</li> <li>• GEOG 700 - Quantitative Analysis in Geography <b>Credits:</b> (3)</li> <li>• <u>GEOG 705 – Thematic Remote Sensing</u> <b>Credits:</b> (3)</li> <li>• <u>GEOG 706 – Biophysical Remote Sensing</u> <b>Credits:</b> (3)</li> <li>• <u>GEOG 709 – Geography Field Research Techniques</u> <b>Credits:</b> (2-3)</li> <li>• GEOG 711 - Topics in Remote Sensing <b>Credits:</b> (3)</li> <li>• GEOG 712 - Internet GIS and Distributed Geographic Information Services <b>Credits:</b> (3)</li> <li>• <u>GEOG 728 – Topics in Programming for Geographic Analysis</u> <b>Credits:</b> (3)</li> <li>• GEOG 795 - Topics in Geographic Information Science <b>Credits:</b> (1-3)</li> <li>• GEOG 808 - Geocomputation <b>Credits:</b> (3)</li> <li>• GEOG 880 - Spatial Data Analysis and Modeling <b>Credits:</b> (3)</li> <li>• GEOG 890 - Advanced Spatial Analysis Techniques <b>Credits:</b> (3)</li> <li>• GEOG 895 - Topics in Spatial Analysis <b>Credits:</b> (1-3)</li> <li>• LAR 704 - Environmental Landscape Planning and Design <b>Credits:</b> (5)</li> <li>• PLAN 801 - Planning Methods I <b>Credits:</b> (3)</li> <li>• PLAN 836 - Community Plan Preparation <b>Credits:</b> (3)</li> <li>• STAT 703 - Introduction to Statistical Methods for the Sciences <b>Credits:</b> (3)</li> <li>• STAT 705 - Regression and Analysis of Variance <b>Credits:</b> (3)</li> </ul>
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**RATIONALE:** This document is a proposal to modify the program’s elective courses as necessitated by recent course additions and changes in the Department of Geography.

**IMPACT:** None

EFFECTIVE DATE:        Fall 2016