

Cover Sheet: Request 13682

GEO 4XXX – Communicating Science in the Geosciences

Info

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|------------------------|--|
| Process | Course New Ugrad/Pro |
| Status | Pending at PV - University Curriculum Committee (UCC) |
| Submitter | Stephen Mullens stephen.mullens@ufl.edu |
| Created | 2/25/2019 4:41:12 PM |
| Updated | 12/10/2020 8:50:28 AM |
| Description of request | A new course is being created. |

Actions

| Step | Status | Group | User | Comment | Updated |
|---------------------------------|----------|---|-----------------|---|------------|
| Department | Approved | CLAS - Geography 16220000 | Jane Southworth | | 2/28/2019 |
| No document changes | | | | | |
| College | Recycled | CLAS - College of Liberal Arts and Sciences | Joseph Spillane | Returned by department request | 2/28/2019 |
| No document changes | | | | | |
| Department | Approved | CLAS - Geography 16220000 | Jane Southworth | | 9/23/2019 |
| No document changes | | | | | |
| College | Recycled | CLAS - College of Liberal Arts and Sciences | Joseph Spillane | The College Curriculum Committee recycles this request, with the following changes needed: 1) consider whether the course title should be discipline or field specific; 2) under prereqs, change "status" to "designation"; 3) the weekly schedule of assignments should cover 15 weeks; 4) under "Course Objectives" remove the public presentation item, as it is an assignment rather than an objective; 5) add a grading scale. | 11/16/2019 |
| No document changes | | | | | |
| Department | Approved | CLAS - Geography 16220000 | Jane Southworth | | 11/22/2019 |
| No document changes | | | | | |
| College | Approved | CLAS - College of Liberal Arts and Sciences | Joseph Spillane | | 1/10/2020 |
| No document changes | | | | | |
| University Curriculum Committee | Recycled | PV - University Curriculum Committee (UCC) | Casey Griffith | Requested course title is overly broad and overlaps with offerings by other units at University. Please change course title. | 2/18/2020 |
| No document changes | | | | | |

| Step | Status | Group | User | Comment | Updated |
|-----------------------------------|------------------------|---|-----------------|---|------------|
| College | Approved | CLAS - College of Liberal Arts and Sciences | Joseph Spillane | | 2/21/2020 |
| No document changes | | | | | |
| University Curriculum Committee | Conditionally Approved | PV - University Curriculum Committee (UCC) | Casey Griffith | Pending consult from CALS | 3/18/2020 |
| No document changes | | | | | |
| College | Recycled | CLAS - College of Liberal Arts and Sciences | Joseph Spillane | Please note the request from the UCC; the consult with CALS will be part of the larger discussion re: Geospatial Sciences. Once consult is complete, please send back to college level. | 4/3/2020 |
| No document changes | | | | | |
| Department | Approved | CLAS - Geography 16220000 | Jane Southworth | | 12/7/2020 |
| No document changes | | | | | |
| College | Approved | CLAS - College of Liberal Arts and Sciences | Joseph Spillane | | 12/10/2020 |
| No document changes | | | | | |
| University Curriculum Committee | Pending | PV - University Curriculum Committee (UCC) | | | 12/10/2020 |
| No document changes | | | | | |
| Statewide Course Numbering System | | | | | |
| No document changes | | | | | |
| Office of the Registrar | | | | | |
| No document changes | | | | | |
| Student Academic Support System | | | | | |
| No document changes | | | | | |
| Catalog | | | | | |
| No document changes | | | | | |
| College Notified | | | | | |
| No document changes | | | | | |

Course|New for request 13682

Info

Request: GEO 4XXX – Communicating Science in the Geosciences

Description of request: A new course is being created.

Submitter: Stephen Mullens stephen.mullens@ufl.edu

Created: 7/31/2020 3:23:07 PM

Form version: 9

Responses

Recommended Prefix

Enter the three letter code indicating placement of course within the discipline (e.g., POS, ATR, ENC). Note that for new course proposals, the State Common Numbering System (SCNS) may assign a different prefix.

Response:

GEO

Course Level

Select the one digit code preceding the course number that indicates the course level at which the course is taught (e.g., 1=freshman, 2=sophomore, etc.).

Response:

4

Number

Enter the three digit code indicating the specific content of the course based on the SCNS taxonomy and course equivalency profiles. For new course requests, this may be XXX until SCNS assigns an appropriate number.

Response:

XXX

Category of Instruction

Indicate whether the course is introductory, intermediate or advanced. Introductory courses are those that require no prerequisites and are general in nature. Intermediate courses require some prior preparation in a related area. Advanced courses require specific competencies or knowledge relevant to the topic prior to enrollment.

Response:

Advanced

- 1000 and 2000 level = Introductory undergraduate
- 3000 level = Intermediate undergraduate
- 4000 level = Advanced undergraduate
- 5000 level = Introductory graduate
- 6000 level = Intermediate graduate
- 7000 level = Advanced graduate

4000/5000 and 4000/6000 levels = Joint undergraduate/graduate (these must be approved by the UCC and the Graduate Council)

Lab Code

Enter the lab code to indicate whether the course is lecture only (None), lab only (L), or a combined lecture and lab (C).

Response:
None

Course Title

Enter the title of the course as it should appear in the Academic Catalog.

Response:
Communicating Science in the Geosciences

Transcript Title

Enter the title that will appear in the transcript and the schedule of courses. Note that this must be limited to 21 characters (including spaces and punctuation).

Response:
Communicating Science

Degree Type

Select the type of degree program for which this course is intended.

Response:
Baccalaureate

Delivery Method(s)

Indicate all platforms through which the course is currently planned to be delivered.

Response:
On-Campus

Co-Listing

Will this course be jointly taught to undergraduate, graduate, and/or professional students?

Response:
No

Co-Listing Explanation

Please detail how coursework differs for undergraduate, graduate, and/or professional students. Additionally, please upload a copy of both the undergraduate and graduate syllabus to the request in .pdf format.

Response:
N/A

Effective Term

Select the requested term that the course will first be offered. Selecting "Earliest" will allow the course to be active in the earliest term after SCNS approval. If a specific term and year are selected, this should reflect the department's best projection. Courses cannot be implemented retroactively, and therefore the actual effective term cannot be prior to SCNS approval, which must be obtained prior to the first day of classes for the effective term. SCNS approval typically requires 2 to 6 weeks after approval of the course at UF.

Response:
Earliest Available

Effective Year

Select the requested year that the course will first be offered. See preceding item for further information.

Response:
Earliest Available

Rotating Topic?

Select "Yes" if the course can have rotating (varying) topics. These course titles can vary by topic in the Schedule of Courses.

Response:
No

Repeatable Credit?

Select "Yes" if the course may be repeated for credit. If the course will also have rotating topics, be sure to indicate this in the question above.

Response:
No

Amount of Credit

Select the number of credits awarded to the student upon successful completion, or select "Variable" if the course will be offered with variable credit and then indicate the minimum and maximum credits per section. Note that credit hours are regulated by Rule 6A-10.033, FAC. If you select "Variable" for the amount of credit, additional fields will appear in which to indicate the minimum and maximum number of total credits.

Response:
3

S/U Only?

Select "Yes" if all students should be graded as S/U in the course. Note that each course must be entered into the UF curriculum inventory as either letter-graded or S/U. A course may not have both options. However, letter-graded courses allow students to take the course S/U with instructor permission.

Response:
No

Contact Type

Select the best option to describe course contact type. This selection determines whether base hours or

headcount hours will be used to determine the total contact hours per credit hour. Note that the headcount hour options are for courses that involve contact between the student and the professor on an individual basis.

Response:
Regularly Scheduled

- Regularly Scheduled [base hr]
- Thesis/Dissertation Supervision [1.0 headcount hr]
- Directed Individual Studies [0.5 headcount hr]
- Supervision of Student Interns [0.8 headcount hr]
- Supervision of Teaching/Research [0.5 headcount hr]
- Supervision of Cooperative Education [0.8 headcount hr]

Contact the Office of Institutional Planning and Research (352-392-0456) with questions regarding contact type.

Weekly Contact Hours

Indicate the number of hours instructors will have contact with students each week on average throughout the duration of the course.

Response:
3

Course Description

Provide a brief narrative description of the course content. This description will be published in the Academic Catalog and is limited to 50 words or fewer. See course description guidelines.

Response:
An examination of techniques to communicate scientific knowledge and research to non-science audiences. Topics include quantitative and qualitative research methods, using narrative, discussing data and statistics, risk communication, and communicating with journalists and politicians. Readings, discussions, and projects facilitate understanding of best practices when communicating to people making evidence-based decisions.

Prerequisites

Indicate all requirements that must be satisfied prior to enrollment in the course. Prerequisites will be automatically checked for each student attempting to register for the course. The prerequisite will be published in the Academic Catalog and must be formulated so that it can be enforced in the registration system. Please note that upper division courses (i.e., intermediate or advanced level of instruction) must have proper prerequisites to target the appropriate audience for the course.

Response:
Any GenEd course with a "B" or "P" designation.

Completing Prerequisites on UCC forms:

- Use "&" and "or" to conjoin multiple requirements; do not use commas, semicolons, etc.
- Use parentheses to specify groupings in multiple requirements.
- Specifying a course prerequisite (without specifying a grade) assumes the required passing grade is D-. In order to specify a different grade, include the grade in parentheses immediately after the course number. For example, "MAC 2311(B)" indicates that students are required to obtain a grade of B in Calculus I. MAC2311 by itself would only require a grade of D-.
- Specify all majors or minors included (if all majors in a college are acceptable the college code is sufficient).
- "Permission of department" is always an option so it should not be included in any prerequisite or co-requisite.

Example: A grade of C in HSC 3502, passing grades in HSC 3057 or HSC 4558, and major/minor in PHHP

- 3-Using narrative in science
- 4-Tools for creating narratives for science communication
- 5-Communicating statistical significance
- 6-Risk communication introduction
- 7-Decision-making in crisis situations
- 8-Motivating action through calls to action.
- 9-Adapting and reaction to audiences, minorities, and critics
- 10-Narratives and data visualization
- 11-Creating and delivering risk communication
- 12-Educating the public on scientific topics
- 13-Engaging in outreach activities, in person and online
- 14-Communicating with journalists and elected officials.
- 15-Managing existing false and misleading information

Links and Policies

*Consult the syllabus policy page for a list of required and recommended links to add to the syllabus. Please list the links and any additional policies that will be added to the course syllabus.
Please see: syllabus.ufl.edu for more information*

Response:

Attendance

Class attendance is mandatory. Each unexcused absence will result in a 10 point reduction in the final grade. Excused absences are consistent with university policies in the undergraduate catalog (<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>) and require appropriate documentation. Students who can demonstrate that they were unable to submit an assignment by the deadline due to an excused absence and who can provide appropriate documentation for the absence will be given a reasonable period of time to make up the late work.

Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course Evaluation

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

Expectations of you

Students are expected to arrive to class on time and behave in a manner that is respectful to the instructor and to fellow students. Please avoid the use of cell phones and restrict eating to outside of the classroom. Opinions held by other students should be respected in discussion, and conversations that do not contribute to the discussion should be held at minimum, if at all. UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

The Honor Code (<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor.

Counseling and Wellness

Contact information for the Counseling and Wellness Center:

<http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Writing Assistance

The writing studio is committed to helping University of Florida students meet their academic and professional goals by becoming better writers. Visit the writing studio online at <http://writing.ufl.edu/writing-studio/> or in 302 Tigert Hall for one-on-one consultations and workshops.

Grading Scheme

List the types of assessments, assignments and other activities that will be used to determine the course grade, and the percentage contribution from each. This list should have sufficient detail to evaluate the course rigor and grade integrity. Include details about the grading rubric and percentage breakdowns for determining grades.

Response:

15% - Exam 1

25% - Exam 2

25% - Final Project

25% - Homework assignments

10% - Attendance

A 93.0-100

A- 90.0-92.9

B+ 87.0-89.9

B 83.0-86.9

B- 80.0-82.9

C+ 77.0-79.9

C 73.0-76.9

C- 70.0-72.9

D+ 67.0-69.9

D 63.0-66.9

D- 60.0-62.9

E 0.0-59.9

Instructor(s)

Enter the name of the planned instructor or instructors, or "to be determined" if instructors are not yet identified.

Response:

Stephen Mullens