Cover Sheet: Request 10639

Change course title GEO4281

Info

Process	Course|Modify|Ugrad/Pro
Status	Pending
Submitter	Mossa,Joann mossa@ufl.edu
Created	12/18/2015 3:45:54 PM
Updated	2/23/2016 10:02:45 AM
Description	Would like GEO4281 Fluvial Morphology and Processes course title to be changed to River Forms and Processes

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CLAS - Geography 011609000	Binford, Michael W.		12/20/2015
No document changes					
College	Approved	CLAS - College of Liberal Arts and Sciences	Pharies, David A		1/26/2016
No document changes					
University Curriculum Committee	Comment	PV - University Curriculum Committee (UCC)	Case, Brandon	Added to the March agenda.	2/17/2016
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/17/2016
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|Modify for request 10639

Info

Request: Change course title GEO4281
Submitter: Mossa,Joann mossa@ufl.edu
Created: 12/18/2015 3:45:54 PM
Form version: 1

Responses

Current Prefix
Enter the current three letter code (e.g., POS, ATR, ENC).

Response:
GEO

Course Level
Select the current 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 current three digit code indicating the specific content of the course based on the SCNS taxonomy and course equivalency profiles.

Response:
281

Lab Code
Enter the current lab code. This code indicates whether the course is lecture only (None), lab only (L), or a combined lecture and lab (C).

Response:
None

Course Title
Enter the current title of the course as it appears in the Academic Catalog.

Response:
Fluvial Morphology and Processes

Effective Term
Select the requested term that the course change(s) will first be implemented. Selecting "Earliest" will allow the change to be effective in the earliest term after SCNS approval. If a specific term and year are selected, this should reflect the department's expectations. Courses cannot be changed

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 at least 6 weeks after approval of the course change at UF.

Response:
Earliest Available

Effective Year
Select the requested year that the course change will first be implemented. See preceding item for further information.

Response:
Earliest Available

Requested Action
Indicate whether the change is for termination of the course or any other change. If the latter is selected, all of the following items must be completed for any requested change.

Response:
Other (selecting this option opens additional form fields below)

Change Course Prefix?

Response:
No

Change Course Level?
Note that a change in course level requires submission of a course syllabus.

Response:
No

Change Course Number?

Response:
No

Change Lab Code?
Note that a change in lab code requires submission of a course syllabus.

Response:

No

Change Course Title?

Response:
Yes

Current Course Title

Response:
Fluvial Morphology and Processes

Proposed Course Title

Response:
River Forms and Processes

Change Transcript Title?

Response:
Yes

Current Transcript Title

Response:
Fluvial Morph/Process

Proposed Transcript Title (21 char. max)

Response:
River Forms/Processes

Change Credit Hours?
Note that a change in credit hours requires submission of a course syllabus.

Response:
No

Change Variable Credit?
Note that a change in variable credit status requires submission of a course syllabus.

Response:
No

Change S/U Only?

Response:
No

Change Contact Type?

Response:
No

Change Rotating Topic Designation?

Response:
No

Change Repeatable Credit?
Note that a change in repeatable credit status requires submission of a course syllabus.

Response:
No

Change Course Description?
Note that a change in course description requires submission of a course syllabus.

Response:
No

Change Prerequisites?

Response:

No

Change Co-requisites?

Response:
No

Rationale

Response:
The proposed course title is clearer in that there are people who have no idea that Fluvial means of or relating to a river and morphology is the study of landforms. This change from Fluvial Morphology to River Forms is intended to clarify the content to those who are considering enrolling.

FLUVIAL MORPHOLOGY AND PROCESSES, GEO 4281

Spring 2016, 3012 Turlington Hall, MWF 5 (11:45-12:35 P.M.)

Instructor: Dr. Joann Mossa **Office Location:** 3131 Turlington
Office Hours: MWF 9:30-11:30 AM or by appointment **Phone:** 294-7510
E-mail: mossa@ufl.edu (please communicate when appropriate)

CATALOG DESCRIPTION: Examines the nature and variety of fluvial processes and the origin and modification of fluvial landforms; includes discussion of environmental changes in rivers and human activities in drainage basins

COURSE REQUIREMENTS AND/OR RECOMMENDATIONS:
Physical Geography (GEO 2200) or Physical Geology (GLY 2010) or equivalent or permission

COURSE MATERIALS
Canvas, http://elearning.ufl.edu, includes readings, power points, data sets, etc.
You will be doing several data analysis projects with Excel…this is available to students through UF Apps and is installed on many computers in the department and around campus. Staff at the Hub and CSE will be able to assist you with problems with installation.

BASIC TEACHING APPROACH
Want to create a positive learning environment
Variety of assignments, experiential, applied, visual
Questions welcome, will come in both directions
Attendance/responsible behavior encouraged by in-class assignments
Many items graded (2-20% of grade apiece). You will not be anonymous.
If you tend to miss classes, want to be anonymous, or prefer exams to assignments, give consideration to dropping this class in favor of one more suited to your learning style

ASSIGNMENTS, ATTENDANCE AND MAKE-UP POLICY
Class attendance is highly recommended, and missed classes are likely to seriously impact your grade due to the number of in-class assignments. In certain circumstances (family emergency, illness), I will work with students who need to make-up an in-class assignment out of class.

IMPORTANT DATES
-January 15, 2015 at a meeting, no class
-January 18, 2015, MLK holiday
-Spring Break: February 28-March 6, no classes
-March 29 - April 2, 2016 at a meeting part or all week, will give some take-home work

GRADING AND ASSIGNMENTS:
A = 92 or above; A- = 90-91.9; B+ = 88-89.9; B = 82-87.9; B- = 80-81.9; C+ = 78-79.9; C = 70-77.9; C- = 68-69.9; D+ = 66-67.9; D = 60-65.9; D- = 58-59.9; E = < 58
https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

FOUR QUIZZES (10% Each, Total 40%)
Quiz 1: Background Terminology and Drainage basins
Quiz 2: Hydrographs and Channel processes
Quiz 3: Sediments, Erosion, Deposition and Transport
Quiz 4: Channel Morphology and Channel Change

IN-CLASS AND SHORT TAKE-HOME ASSIGNMENTS (40%)
After they are returned, keep these to help with quiz review. Assignments may include:

1) map and data analysis assignments regarding fluvial systems. Some will be done individually and some in groups, in and out of class. This will familiarize students with a variety of with data sources, and teach through problem-based learning. These will typically be worth 2 to 5% each. Some potential assignments include:
    a. Drainage basin delineation
    b. Network analysis for connectivity
    c. Assessment of Q data and hysteresis loops of stage and Q
    d. Flow duration curves and dimensionless flow duration curves
    e. Flood frequency analysis
    f. Plotting channel cross sections
    g. Sediment rating curves
    h. Channel geometry changes using varied data sources
    i. Data extraction from USACE hydrographic surveys to examine longitudinal profiles and riffle-pool morphology
    j. Google Earth assignments
2) Field trip participation, usually during class period, usually worth 2 pts.

INDIVIDUAL OR GROUP PROJECT (20%): This can be an individual a power point presentation (see next) or an individual group data analysis project involving spreadsheets or GIS, or a video project focused on river forms and processes. If you choose something other than a power point, let's schedule a time to discuss your thoughts and interests. I will be happy to assist with ideas and data sources. We will discuss multiple options as the semester progresses, and you will share your result with the class.

Due Date: mid-April (except Power Points due late-March)

POWER POINT ASSIGNMENT (20%): Write about an issue in fluvial morphology, telling about it using visuals, including high-quality graphics (photographs, drawings). Consider topical themes (bank erosion; point bars; braided rivers; bed load, river restoration-prospects and problems), cause and effect relationships (effects of urbanization on channel morphology; effects of beavers on river form and process), or river settings (arctic rivers, glacio-fluvial rivers, ephemeral rivers, headwater rivers, karst rivers, large rivers, mined rivers, dammed rivers, etc.) are possible themes. Try to tell a story based on your topic and put your slides in a logical sequence. Use, integrate and appropriately cite and credit information from at least 3 website sources for graphics and 3 refereed journal articles (discussed in class). Begin with a title slide, and then an outline slide that raises one or more questions for which you will provide some insight. Each graphic must have a citation (full website address or the journal citation) of where the content and graphics comes from. Include labels, relevant write-up, and titles, as appropriate. Make a conclusions slide that repeats and responds to the initial questions and a references slide with complete citations in consistent and complete format with author names, titles, journal names, volume numbers and pages. I am happy to provide early feedback. The grading rubric is as follows: 20% originality (using examples and topics not discussed in class, using your own wording, finding something not well known), 20% breadth and depth of research (examining topic across different events and locations), 20% organization and structure, 20% use of maps, data, tables and graphics, 20% quality and quantity of sources, inclusion of full references and citations. Please let me know your topic by mid-February so we can avoid duplication of content.

WEEKS:	**TOPIC**
1:	Background terminology and concepts Significance of fluvial studies PP Introduction to Fluvial Systems
2, 3, 4:	Drainage basin form and processes/Quiz 1 PP: Basics of Drainage Systems, Hydrology & Hydrographs
5, 6, 7:	Channel processes/Quiz 2 PP: Stage and Stage-Q relations, Velocity, Discharge & Measurement, Flood and Drought Analysis
8, 9:	Sediments, erosion and transport PP: Hillslope Erosion, Bank Erosion, Sediments & Transport
10:	Sediments, deposition and stratigraphy/Quiz 3 PP: Deposition, Sedimentary Deposits and Floodplain Features
11, 12:	Channel morphology PP: Channel Geometry and Cross Sections

12, 13: Channel planform and pattern, channel profiles
PP: Channel Planform and Pattern, PP: Channel Profiles

14, 15: River channel changes, paleohydrology
Human activities/river management
Applied fluvial geomorphology/Quiz 4
PP: Channel Changes

HONOR CODE: 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 (http://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 of this class.

STUDENTS WITH DISABILITIES AND OTHER CONCERNS
"Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. Please take care of your health and be aware that the University Counseling Center (392-1575, http://www.counseling.ufl.edu/cwc/Default.aspx), the Student Health Care Center (392-1161) and Student Mental Health (392-1171) can assist students as they work through personal, academic and social issues. Provide advance notice and obtain documentation for excused absences where possible. If needed, University Police Department can be contacted at 392-1111 or Dial 9-1-1 for emergencies.

OTHER POLICY
Please minimize distractions to yourself and others during class time (cell phones off, no ancillary conversations, quiet note-taking typing only). I will give you the evil eye and have a conversation with you after class if you violate this policy.

EVALUATIONS: Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online 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