Cover Sheet: Request 9975

SLP 1xxx Geodesign Colloquium

Info

Process	Course|New|Ugrad/Pro
Status	Pending
Submitter	Carr,Margaret H mcarr@ufl.edu
Created	1/28/2015 4:48:12 PM
Updated	2/6/2015 11:29:04 AM
Description	An introductory course to expose students to GeoDesign topics through presentations from a variety of professionals and academics engaged in GeoDesign work. Some presentations will be online and others will be in house. It is intended that the presentations will invoke discussion amongst the students, in an effort to understand the scope, applications, and implications of GeoDesign principles.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	DCP - Design, Construction and Planning 011501000	Carr, Margaret H		1/28/2015
College	Approved	DCP - College of Design, Construction and Planning	Wehle, Andrew J		2/6/2015
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/6/2015
Statewide Course Numbering System					
Office of the Registrar					
Student Academic Support System					
Catalog					
College Notified					

UNIVERSITY of FLORIDA

Recommended SCNS Course Identification

1. Prefix   SLP   2. Level   1   3. Number   XXX   4. Lab Code   Select

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5. Course Title   GeoDesign Colloquium

6. Transcript Title (21 character maximum)   GeoDesign Colloquium

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7. Effective Term   Fall   8. Effective Year   2015   9. Rotating Topic?   No

10. Amount of Credit   1   11. If variable, # minimum and # maximum credits per semester.

12. Repeatable credit?   No   13. If yes, total repeatable credit allowed   #

14. S/U Only?   No   15. Contact Type   Regularly Scheduled [base hr]

16. Degree Type   Baccalaureate   17. If other, please specify: Click here to enter text.

18. Category of Instruction   Introductory

19. Course Description

The course will introduce students to GeoDesign topics through presentations from a variety of professionals and academics engaged in GeoDesign work. The presentations will be designed to invoke discussion about the scope, applications, and implications of GeoDesign principles.

20. Prerequisites

None

21. Co-requisites

None

22. Rationale and Placement in Curriculum

This is an introductory course slotted to be taken in a student's first semester.

23. Complete the syllabus checklist on the next page of this form.

Syllabus Requirements Checklist

The University's complete Syllabus Policy can be found at:
http://www.aa.ufl.edu/Data/Sites/18/media/policies/syllabi_policy.pdf

The syllabus of the proposed course **must** include the following:

☒ Course title

☒ Instructor contact information (if applicable, TA information may be listed as TBA)

☒ Office hours during which students may meet with the instructor and TA (if applicable)

☒ Course objectives and/or goals

☒ A weekly course schedule of topics and assignments.

☐ Methods by which students will be evaluated and their grades determined

☒ Information on current UF grading policies for assigning grade points. This may be achieved by including a link to the appropriate undergraduate catalog web page: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx.

☒ List of all required and recommended textbooks

☐ Materials and Supplies Fees, if any

☒ A statement related to class attendance, make-up exams and other work such as: *"Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx."*

☒ A statement related to accommodations for students with disabilities such as: *"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."*

☒ A statement informing students of the online course evaluation process such as: *"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."*

It is **recommended** that the syllabus contain the following:

☐ Critical dates for exams or other work

☐ Class demeanor expected by the professor (e.g. tardiness, cell phone usage)

☒ The university's honesty policy regarding cheating, plagiarism, etc.

Suggested wording: 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 or TAs in this class.

☒ Contact information for the Counseling and Wellness Center: http://www.counseling.ufl.edu/cwc/, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies

SLP 1xxx GeoDesign Colloquium
Professor: Crystal Goodison
Office Hours: TBD
1 credits, Meeting time and location TBD

SYLLABUS

General

Course Description:

GeoDesign is a relatively new term, but it describes an activity which is not new. GeoDesign involves various disciplines (such as urban planning, landscape architecture, physical sciences, information technology) collaborating to design solutions to current problems with a spatial focus (such as climate change, population growth, resource limitations, etc).

The course will expose students to GeoDesign topics through presentations from a variety of professionals and academics engaged in GeoDesign work. Some presentations will be online and others will be in house. It is intended that the presentations will invoke discussion amongst the students, in an effort to understand the scope, applications, and implications of GeoDesign principles.

Students will be assigned a final project, involving a short presentation about a GeoDesign project of interest to them. The final two weeks of class will cover class presentations.

Course Objectives:

At the end of the course students should be able to:

- Describe the various disciplines that collaborate in GeoDesign work
- Describe at least five different types of projects that involve GeoDesign
- Identify projects and research that utilize GeoDesign
- Classify the types of current problems that can be addressed with GeoDesign

Class Schedule:

Week	Date	Topic	Speaker
1	8/26/14	Intro to GeoDesign	Crystal Goodison, UF GeoPlan Center
2	9/2/14	Digitizing and Geo-Referencing Museum Collections	Reed Beaman, Curator of Informatics, Florida

			Museum of Natural History
3	9/9/14	Local Ground: A Platform for Collecting Local Geo-Spatial Knowledge	Sarah Van Wart, UC Berkeley School of Information (via Skype)
4	9/16/14	Informal Networks: Mapping Homeless Spatial Patterns	Alison Smith Bramlet, University of Georgia (online presentation)
5	9/23/14	Signal Four Analytics – web-based GIS system providing current crash and streets data, and analysis and visualization tools for planning	Dr. Ilir Bejliri, Department of Urban & Regional Planning
6	9/30/14	Using GeoDesign to Prioritize Conservation Efforts: Critical Lands and Waters Identification Project (CLIP) and Florida Ecological Greenways Network	Tom Hoctor, Center for Landscape Conservation Planning
7	10/7/14	Tribal Planning and GeoDesign	Iris Patten, University of Arizona
8	10/14/14	Planning for Sea Level Rise in the Matanzas Basin: A Pilot Study to Evaluate and Improve the Development and Delivery of Habitat Vulnerability Assessments and Adaptive Conservation Designs to Coastal Decision Makers	Mike Volk, Center for Landscape Conservation Planning
9	10/21/14	Using 3D GIS and Geodesign to Plan Light Rail Development in Honolulu	Eric Wittner, Esri (online presentation)
10	10/28/14	Understanding and Predicting the Impact of Climate Variability and Climate Change on Land Use and Land Cover Change via Socio-Economic Institutions in Southern Africa	Dr. Jane Southworth, UF Department of Geography
11	11/4/14	Evaluating resource efficiencies through better design, construction, and best management practices of master communities	Hal Knowles or Pierce Jones, Program for Resource Efficient Communities
12	11/11/14	Land Use Conflict Identification Strategy (LUCIS) Modeling	Paul Zwick, UF Department of Urban & Regional Planning
13	11/18/14	Decision Models – Efficient Transportation Decision Making (ETDM)	UF GeoPlan Center
14	11/25/14	Wrap up/ Discussion and selection of final project topics	
15	12/2/14	Student Final Projects	
16	12/9/14	Student Final Projects	

Assignments and Basis for Grades

Weekly Written Reflections – 50%
- Each week students will be asked to submit a written reflection, no less than 1 page in length, on the classroom presentation/discussion. Each reflection will be uploaded as a pdf through the course management system by the due date.

Final Project – 40%
- Students will be assigned a Geodesign project to research. A presentation (40% of the 40%) will be required as will a paper (60% of the 40%). The final presentation will be assembled using MS Powerpoint, and will be uploaded through the course management system in advance of class. The final paper will be uploaded as a pdf through the course management system by the due date.

Attendance - 10%
- Students are expected to attend each class. One unexcused absence will be allowed. After that students will lose 50% of the attendance grade for each absence. If for some reason you are not able to attend, please be sure to notify your instructors in advance.

Grading Scale
The following scale and associated letter grades will be used in this course.

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Numeric Grade	93-100	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	0-59
Quality Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0

For greater detail, see the Registrar's Grade Policy regulations at
http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html

Late Work and Make-up Work
Every attempt is to be made to submit work on the day assigned. A grade reduction of 10% per day will occur unless there is an acceptable excuse for the late submittal.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx
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Submission of Student Work

All student work may be retained and used by the Program. Digital Copies of student work for this course must be turned in at the completion of each assignment as described above. No grades will be computed into the final course grade until digital submissions have been turned in. Files are to be named as follows:

course# name project student name. dwg/pdf/jpg/

Example: *SLP1xxxReflection1Smith*
Use caps for separation
No spaces, hyphens, or underscoring

 Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

Texts, and other Resources and Regulations

Readings

Readings will be provided through course reserves or the learning management system during the semester. These have been selected to provide important. There is no assigned text.

E-learning

For issues with technical difficulties for E-learning, please contact the UF Help Desk at:
- Learning-support@ufl.edu
- (352) 392-HELP
- https://lss.at.ufl.edu/help.shtml

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem.

Academic Honesty

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 or TAs in this class.

Disabled Students requesting 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, but no later than week 4.

Counseling Resources
Students experiencing crisis or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources.
http://www.counseling.ufl.edu/cwc/Default.aspx , 392-1575.
Please call the University Police Department: 392-1111 or 9-1-1 for emergencies.

Religious Holidays
The university calendar does not include observance of any religious holidays. The Florida Board of Governors and state law govern university policy regarding observance of religious holidays. Students shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith with prior notification to the instructor. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances.

Online 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/.

Disclaimer
This syllabus represents our current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.

All UCC1 forms and each UCC2 form that proposes a change in the course description or credit hours must include this checklist in addition to a complete syllabus. Check the box if the attached syllabus includes the indicated information.

Syllabus MUST contain the following information:

Instructor contact information (and TA if applicable)

Course objectives and/or goals

A weekly course schedule of topics and assignments

Required and recommended textbooks

Methods by which students will be evaluated and their grades determined

A statement related to class attendance, make-up exams and other work such as: "Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at:

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3. UF's honesty policy regarding cheating, plagiarism, etc. Suggested wording: 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 obliged to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor of TAs in this class.
4. Phone number and contact site for university counseling services and mental health services: 392-1575, http://www.counseling.ufl.edu/cwc/Default.aspx
    University Police Department: 392-1111 or 9-1-1 for emergencies.

The University's complete Syllabus Policy can be found at: http://www.aa.ufl.edu/Data/Sites/18/media/policies/syllabi_policy.pdf