

Cover Sheet: Request 9983

SLP 4xxx Geodesign Practicum II

Info

Process	Course New Ugrad/Pro
Status	Pending
Submitter	Carr,Margaret H mcarr@ufl.edu
Created	1/29/2015 8:50:44 AM
Updated	2/6/2015 11:28:28 AM
Description	This is an advanced course in the application of Geodesign slotted for a student's seventh semester.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	DCP - Design, Construction and Planning 011501000	Carr, Margaret H		1/29/2015
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					

Recommended SCNS Course Identification

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

5. Course Title Geodesign Practicum II

6. Transcript Title (21 character maximum) Geodesign Practicum II

7. Effective Term Fall

8. Effective Year 2015

9. Rotating Topic? No

10. Amount of Credit 6

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 Select Contact Type

16. Degree Type Baccalaureate

17. If other, please specify: [Click here to enter text.](#)

18. Category of Instruction Advanced

19. Course Description

This course provides students with problem solving experience in the evolving area of Geodesign. It is the second studio in a two-semester sequence.

20. Prerequisites

SLP 4XXX Geodesign Practicum I

21. Co-requisites

None

22. Rationale and Placement in Curriculum

This is an advanced course slotted for a student's seventh 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 4XXX Geodesign Practicum II

Professors: P. Carr (mcarr@ufl.edu), P. Zwick (pdzwick@ufl.edu),

Graduate Teaching Assistant:

6 credits, MWF Periods 7 - 9 ARC 411

Prerequisites – DCP 4941 Practicum – Geodesign 1

SYLLABUS

General

Course Description

This course provides students with hands on experience in the evolving area of GeoDesign. "Geodesign is a design and planning method which tightly couples the creation of design proposals with impact simulations informed by geographic contexts." (Flaxman 2010) or: Geodesign provides a design framework and supporting technology for professionals to leverage geographic information, resulting in designs that more closely follow natural systems and effective urban form. (modified from Esri)

Pre-GIS environmental design processes will be discussed and land use suitability and assessment of environmental sensitivity using GIS will be employed. We will integrate principles and methods of urban and regional planning and design, landscape ecology, conservation biology, and GIS analysis to design sound land use and conservation plans and strategies.

This is the second studio in a two semester sequence. The focus of the first studio is suitability analysis to identify land use conflicts and opportunities. The focus of the second studio will be the development of detailed alternative future land use scenarios (or visions), each based on policy assumptions that allow one to test implications of each scenario.

Course Objectives

Problem solving will be addressed through the application of principles and techniques from:

- landscape ecology
- geographic information systems
- land use planning
- environmental planning theory and methods
- landscape / ecosystems management
- urban density
- urban morphology

Student Learning Outcomes

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

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:

<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 Student Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation."

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>

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>.

It is recommended that syllabi contain the following information:

1. Critical dates for exams and other work
2. Class demeanor expected by the professor (e.g., tardiness, cell phone usage)
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 or 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.ua.ufl.edu/Data/Sites/18/media/policies/syllabi_policy.pdf