

Cover Sheet: Request 12387

Curriculum Modification 2 - BSSBE Geodesign Specialization

Info

Process	Specialization New/Modify/Close Ugrad
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Margaret Carr mcarr@ufl.edu
Created	3/12/2018 3:34:14 PM
Updated	4/9/2018 2:28:39 PM
Description of request	<p>We propose to reverse the semesters in which the following courses are to be offered:</p> <p>Old Schedule: Semester 5 URP 4xxx Automation for Geospatial Modeling and Analysis</p> <p>Semester 6 URP 4230 3D Modeling, Visualization, and Simulation\</p> <p>New Schedule: Semester 5 URP 4230 3D Modeling, Visualization, and Simulation</p> <p>Semester 6 URP 4xxx Automation for Geospatial Modeling and Analysis</p>

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	DCP - Design, Construction and Planning 011501000	Margaret Carr		3/12/2018
Geodesign Specialization Curriculum Changes Catalog Language w changes tracked sp 2018.docx					3/12/2018
College	Approved	DCP - College of Design, Construction and Planning	Abdol Chini		3/13/2018
No document changes					
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Angela Lindner		4/9/2018
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			4/9/2018
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					

Step	Status	Group	User	Comment	Updated
College Notified					
No document changes					

Specialization|Modify for request 12387

Info

Request: Curriculum Modification 2 - BSSBE Geodesign Specialization

Description of request: We propose to reverse the semesters in which the following courses are to be offered:

Old Schedule:

Semester 5

URP 4xxx Automation for Geospatial Modeling and Analysis

Semester 6

URP 4230 3D Modeling, Visualization, and Simulation\

New Schedule:

Semester 5

URP 4230 3D Modeling, Visualization, and Simulation

Semester 6

URP 4xxx Automation for Geospatial Modeling and Analysis

Submitter: Margaret Carr mcarr@ufl.edu

Created: 3/12/2018 3:20:05 PM

Form version: 1

Responses

Specialization Name Geodesign

Specialization Code GEO

Effective Term Fall

Effective Year 2018

Is this an Undergraduate Innovation Academy Program No

Current Curriculum for Specialization Please see uploaded curriculum/UG catalog wording with track changes.

Proposed Changes Please see uploaded curriculum/UG catalog wording with track changes.

Pedagogical Rationale/Justification The same instructor in the Department of Urban and Regional Planning teaches these two courses and he prefers to teach them in the revised order being proposed here. The request for the course order previously submitted was a misunderstanding.

Impact on Other Programs If the order of these two courses is not reversed, it will be difficult to co-list these UG courses with comparable graduate courses and this will be burdensome for the urban and regional planning department.

Assessment Data Review There are no changes because it is simply a change in course sequencing.

Academic Learning Compact and Academic Assessment Plan There are no changes because it is simply a change in course sequencing.

Sustainability and the Built Environment

Geodesign Specialization

The geodesign specialization is for students interested in the application of geographic information systems in the sustainable design of the built environment.

Critical Tracking

Equivalent critical-tracking courses as determined by the State of Florida [Common Course Prerequisites](#) may be used for transfer students.

Semester 1

- Complete BCN 1582 with minimum grade of C+
- Complete LAA 2330 with minimum grade of C
- Complete MAC 1147 or (MAC 1140 and MAC 1114)
- Complete DCP 1010 Geodesign Colloquium with minimum grade of C
- Complete DCP 1xxx Creating Our Built Environment with minimum grade of C
- 2.00 UF GPA required

Semester 2

- Complete ARC 1701 or ARC 1720 or BCN 3012 or IND 2100 or IND 2130 or LAA 2710 or URP 4000 with minimum grade of C
- Complete ECO 2023 with minimum grade of C
- 2.50 UF GPA required

Semester 3

- Complete DCP 2001 with minimum grade of C
- Complete ECO 2013 with minimum grade of C
- Complete STA 2023
- 2.75 UF GPA required

Semester 4

- Complete DCP 2002 with minimum grade of C
- Complete ENC 3254 with minimum grade of C
- 3.0 UF GPA required

Semester 5

- Complete DCP 3210 with minimum grades of C+
- Complete one: AEB 4126, REL 2104, or REL 3492 with minimum grade of C
- Complete GEO 3162C with minimum grade of C
- 3.0 UF GPA required

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Model Semester Plan

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. These courses must be completed by the terms as listed above in the Critical Tracking criteria.

This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.

Semester 1	Credits
BCN 1582 International Sustainable Development (<i>GE-S and N</i>)	3
DCP 1010 Geodesign Colloquium	1
DCP 1xxx Creating Our Built Environment	1
IUF 1000 What is the Good Life <i>GE-H</i>	3
LAA 2330 Site Analysis	3
MAC 1147 Precalculus: Algebra and Trigonometry (<i>State Core GE-M</i>) or MAC 1140 Algebra and MAC 1114 Trigonometry (<i>GE-M</i>)	4-5

Total 15-16

Semester 2	Credits
History of a Built Environment ARC 1701 Architectural History 1 (<i>GE-H and N</i>) or ARC 1720 Survey of Architectural History (<i>GE-H and N</i>) or BCN 3012 History of Construction (<i>GE-H and N</i>) or IND 2100 History of Interior Design 1 (<i>GE-H</i>) or IND 2130 History of Interior Design 2 (<i>GE-H</i>) or LAA 2710 History of Landscape Architecture (<i>GE-H and N</i>) or URP 4000 Preview of Urban and Regional Planning (<i>GE-H</i>)	3
DCP 1241 Introduction to Spatial Thinking	3
ECO 2023 Principles of Microeconomics <i>GE-S</i>	4
ENC 1101 Expository and Argumentative Writing <i>GE-C</i>	3
Lower Division Elective	3
	Total 16

Semester 3	Credits
DCP 2001 Introduction to GIS I	3
ECO 2013 Principles of Macroeconomics <i>State Core GE-S</i>	4

GEO 2200 Physical Geography <i>GE- P</i>	3
STA 2023 Introduction to Statistics <i>GE-M</i>	3
Elective <i>1000/2000 level</i>	1
Total	14

Semester 4	Credits
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DCP 2002 Introduction to GIS II	3
ENC 3254 Professional Writing in the Discipline <i>State Core GE-C</i>	3
Humanities <i>State Core GE-H</i>	3
Biological or Physical Science <i>State Core GE-B or P</i>	3
IDS 4930 Climate Change Science and Solutions <i>GE-P</i>	3

Total	15
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Semester 5	Credits
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DCP 3210 Sustainable Solutions for the Built Environment	3
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Ethics and/or Environmental Justice AEB 4126 Agricultural and Natural Resources Ethics <i>or</i> REL 2104 Environmental Ethics <i>or</i> REL 3492 Religion, Ethics and Nature	3
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GEO 3162C Introduction to Quantitative Analysis for Geographers	4
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Resource Economics AEB 2451 Economics of Resource Use <i>or</i> AEB 3450 Introduction to Natural Resource and Environmental Economics <i>or</i> AEB 4283 International Development Policy <i>or</i> FOR 4664 Sustainable Ecotourism Development <i>or</i> GEO 2500 Global and Regional Economies <i>or</i> SYD 4512 Social Institutions and Environment	3
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URP 4xxx Automation for Geospatial Modeling and Analysis	3
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<u>URP 4230 3D Modeling, Visualization, and Simulation</u>	<u>3</u>
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Total	16
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Semester 6	Credits
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DCP 3220 Social and Cultural Sustainability and the Built Environment	3
Ecology for the Built Environment EES 4316 Industrial Ecology <i>or</i> FOR 4090C Urban Forestry <i>or</i> SWS 2007 The World of Water <i>or</i> SWS 2008 Land and Life <i>or</i> WIS 4203C Introduction to Landscape Ecology <i>or</i> WIS 4427C Wildlife Habitat Management <i>or</i> WIS 4523 Human Dimensions of Natural Resource Conservation	3
URP 4230 3D Modeling, Visualization, and Simulation	3
<u>URP 4xxx Automation for Geospatial Modeling and Analysis</u>	<u>3</u>
Approved Elective	6
Total	15

Semester 7	Credits
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DCP 3200 Methods of Inquiry for Sustainability and the Built Environment	3
DCP 4945 Geodesign Practicum I	5
Approved Elective	3

Elective <i>Any 3000/4000-level course not otherwise required</i>	3
	Total 14
Semester 8	
	Credits
Sustainability Capstone <i>DCP 4290 Sustainability Capstone Project</i>	6
Approved electives	6
Elective <i>Any 3000/4000-level course not otherwise required</i>	3
	Total 15

Approved Electives

Any 3000/4000-level course in the College of DCP not otherwise required.

Additional courses that also fulfill this requirement: AEB 2451, AEB 4126, AEB 4283, AGG 3501, ANT 4403, AOM 2520, ARC 2304, EES 3000, EES 4050, EES 4316, FNR 4660, FOR 3004, FOR 3153C, FOR 4060, FOR 4090C, GEO 2500, GEO 3372, IND 2214, LAA 2360C, REL 3492, SWS 2007, SWS 2008, SYD 4512, WIS 4203C, WIS 4427C, WIS 4523.