

Cover Sheet: Request 13550

Environmental Engineering - curriculum change

Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Elliot Douglas elliott.douglas@essie.ufl.edu
Created	1/28/2019 3:18:55 PM
Updated	5/6/2019 10:29:40 AM
Description of request	Changes to curriculum: Revise to 8 semester plan, change technical elective requirements, update list of sustainability elective courses.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	ENG - Environmental Engineering Sciences 011910000	Chang-Yu Wu		1/28/2019
Biomedical Eng.pdf					1/28/2019
Civil Eng.pdf					1/28/2019
Computer & Information Sci & Eng.pdf					1/28/2019
Design Construction and Planning.pdf					1/28/2019
Electrical Eng.pdf					1/28/2019
Engineering Innovation Institute.pdf					1/28/2019
Engineering Leadership Institute.pdf					1/28/2019
Forest Resources & Conservation.pdf					1/28/2019
Geography.pdf					1/28/2019
Geological Sciences.pdf					1/28/2019
Landscape Architecture.pdf					1/28/2019
Mechanical & Aerospace Eng.pdf					1/28/2019
Urban and Regional Planning.pdf					1/28/2019
Wildlife Ecology.pdf					1/28/2019
College	Approved	ENG - College of Engineering	Heidi Dublin	Approved by HWCOE Curriculum Committee and at HWCOE Faculty Meeting	2/12/2019
No document changes					
Associate Provost for Undergraduate Affairs	Approved	PV - APUG Review	Casey Griffith		4/9/2019
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			4/9/2019
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
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Major|Modify_Curriculum for request 13550

Info

Request: Environmental Engineering - curriculum change

Description of request: Changes to curriculum: Revise to 8 semester plan, change technical elective requirements, update list of sustainability elective courses.

Submitter: Elliot Douglas elliott.douglas@essie.ufl.edu

Created: 1/28/2019 2:58:40 PM

Form version: 1

Responses

Major Name

Enter the name of the major. Example: "Mathematical Modeling"

Response:

Environmental Engineering

Major Code

Enter the two-letter or three-letter major code.

Response:

EVE

Degree Program Name

Enter the name of the degree program in which the major is offered.

Response:

Bachelor of Science in Environmental Engineering

Undergraduate Innovation Academy Program

Is this an undergraduate program in the Innovation Academy?

Response:

No

Effective Term

Enter the term (semester and year) that the curriculum change would be effective.

Response:

Earliest Available

Effective Year

Response:

Earliest Available

Current Curriculum for Major

Response:

Semester One Credits

Select one: 3

CHM 2045

General Chemistry 1 (Critical Tracking; Gen Ed Physical Sciences)

CHM 2095

Chemistry for Engineers 1 (Critical Tracking; Gen Ed Physical Sciences)

CHM 2045L General Chemistry 1 Laboratory (Gen Ed Physical Sciences)

1

IDS 1161 What is the Good Life (Gen Ed Humanities) 3

MAC 2311 Analytic Geometry and Calculus 1 (Critical Tracking; State Core Gen Ed Mathematics)

4

State Core Gen Ed Social and Behavioral Sciences 3

Credits 14

Semester Two

Select one: 3

CHM 2046

General Chemistry 2 (Critical Tracking; Gen Ed Physical Sciences)

CHM 2096

Chemistry for Engineers 2 (Critical Tracking; Gen Ed Physical Sciences)

CHM 2046L General Chemistry 2 Laboratory (Gen Ed Physical Sciences)

1

Select one: 3

ENC 1101

Expository and Argumentative Writing (Gen Ed Composition)

ENC 1102

Argument and Persuasion (Gen Ed Composition)

MAC 2312 Analytic Geometry and Calculus 2 (Critical Tracking; Gen Ed Mathematics)

4

State Core Gen Ed Humanities 3

Credits 14

Semester Three

ENC 3246 Professional Communication for Engineers (State Core Gen Ed Composition;
minimum grade of C required) 3

MAC 2313 Analytic Geometry and Calculus 3 (Critical Tracking; Gen Ed Mathematics)

4

PHY 2048 Physics with Calculus 1 (Critical Tracking; State Core Gen Ed Physical Sciences)

3

PHY 2048L Laboratory for Physics with Calculus 1 (Gen Ed Physical Sciences)

1

Gen Ed Social and Behavioral Sciences 3

Credits 14

Semester Four

EES 4203 Phase Partitioning in the Environment 4

EGM 2511 Engineering Mechanics: Statics 3

MAP 2302 Elementary Differential Equations (Critical Tracking) 3

PHY 2049 Physics with Calculus 2 (Critical Tracking) 3

PHY 2049L Laboratory for Physics with Calculus 2 1
 Credits 14
 Summer After Semester Four
 CGN 3501C
 or EMA 3010
 Civil Engineering Materials
 or Materials
 3-4
 STA 3032 Engineering Statistics 3
 Technical elective 1 3
 Credits 9-10
 Semester Six
 EES 4201 Water Chemistry 3
 EGM 3400 Elements of Dynamics 2
 ENV 3040C Computational Methods in Environmental Engineering 3
 ENV 4041C Environmental Analysis 3
 Engineering graphics or geographic information systems elective 3
 Credits 14
 Semester Seven
 CWR 3201 Hydrodynamics 4
 EES 4102 Wastewater Microbiology 2
 ENV 4101 Elements of Atmospheric Pollution 3
 ENV 4514C Water and Wastewater Treatment 3
 Credits 12
 Semester Eight
 ENV 4121 Air Pollution Control Design 3
 ENV 4351 Solid and Hazardous Waste Management 4
 ENV 4501 Environmental Hydrology 1 3
 ENV 4561 Hydraulic Systems Design 3
 Credits 13
 Semester Nine
 ENV 3930 Environmental Engineering Ethics Seminar 1
 ENV 4506 Environmental Hydrology 2 3
 ENV 4601 Environmental Resources Management 2
 Sustainability elective 3
 Technical elective 1 3
 Credits 12
 Semester Ten
 EES 4005C Ecological Engineering 3
 Capstone design elective 3
 Technical electives 1 6
 Credits 12
 Total Credits 128

1

Technical elective: Any EES/ENV course not specified above, except EES 3000L.

Proposed Curriculum Changes

Describe the proposed changes to the curriculum. If the change is to offer the program through UF Online, please explain and attach a letter of support from the Director of UF Online.

Response:

The following changes are being proposed:

1. Rearrange courses to an 8 semester plan.
2. Create new critical tracking criteria for semesters 6-8.
3. Add CWR 4202, Hydraulics, as an additional option that can be taken in place of ENV 4561, Hydraulic Systems Design.
4. Change the technical elective requirement.
5. Update the list of sustainability electives.

Pedagogical Rationale/Justification

Describe the rationale for the proposed changes to the curriculum.

Response:

1. 8 semester curriculum: This change is being mandated by the College of Engineering and is intended to better support students in graduating in four years.
2. semester 6-8 critical tracking: This is being mandated by the university, and is intended to better support students in staying on track towards graduation.
3. Add option of CWR 4202: Both courses have similar content. In some cases students may prefer to take CWR 4202 based on interest in civil engineering vs environmental engineering applications. Either course is suitable as preparation for capstone design courses that come later in the curriculum.
4. Change technical elective requirement: The previous requirement was any EES/ENV course not specified in the curriculum. This requirement left students with a very limited choice of electives. In order to expand the options and give students opportunities to focus in more technical areas, the new requirement is for 3 credits of EES/ENV courses, in order to maintain a grounding in the discipline, with the rest being 3000 level or higher courses in a variety of departments.
5. Update list of sustainability elective: Several of the courses currently listed are no longer being taught and have been removed from the list. In order to replace those courses and provide a range of sustainability elective options for students, the faculty identified additional courses that are appropriate.

Impact on Enrollment, Retention, Graduation

Describe any potential impact of the curriculum changes on students who are currently in the major.

Response:

There is no impact on students currently in the major. They will be able to continue with their degree under their current catalog.

Assessment Data Review

Describe the Student Learning Outcome and/or program goal data that was reviewed to support the proposed changes.

Response:

Changes are being proposed based on course enrollments and availability of course offerings. We noted that many students have petitioned for course substitutions that are reflected in the proposed changes. Informal discussion with students has indicated a desire to expand those offerings.

Academic Learning Compact and Academic Assessment Plan

Describe the modifications to the Academic Learning Compact (for undergraduate programs) and Academic Assessment Plan that result from the proposed change.

Response:

No changes are needed in the Academic Learning Compact or Academic Assessment Plan. The changes only affect electives.

Elliot P. Douglas

From: Rowlinson,Sarah Corinne
Sent: Friday, January 25, 2019 11:33 AM
To: Elliot P. Douglas
Subject: RE: request to use courses

Hi Elliot,

Yes, Environmental Engineering undergraduates can enroll in BME 3000 and above. Our Undergraduate Advisor Ms. Kristin Theus registers students for courses, maintains the course cap and oversees fulfillment of coreq/prereq fulfillment for our departmentally controlled courses.

Sarah

Sarah Rowlinson, Ph.D. | Lecturer and Undergraduate Coordinator

J. Crayton Pruitt Family Department of Biomedical Engineering
University of Florida | Biomedical Sciences Bldg | 1275 Center Drive
J 299 | 352.273.9333 | Sarah.Rowlinson@bme.ufl.edu

From: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Sent: Thursday, January 24, 2019 10:01 AM
To: Rowlinson,Sarah Corinne <Sarah.Rowlinson@bme.ufl.edu>
Subject: request to use courses

Sarah,

I am the undergrad coordinator for Environmental Engineering. we are updating our list of technical electives to allow any 3000 level course or above in BME, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Model Semester Plan

Students are expected to complete the general education International (GE-N) and Diversity (GE-D) requirements. This is often done concurrently with another general education requirement (typically, GE-C, H, or S).

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 One		Credits
Select one:		3
<u>CHM 2045</u>	General Chemistry 1 (Critical Tracking ; Gen Ed Physical Sciences)	
<u>CHM 2095</u>	Chemistry for Engineers 1 (Critical Tracking ; Gen Ed Physical Sciences)	
<u>CHM 2045L</u>	General Chemistry 1 Laboratory (Gen Ed Physical Sciences)	1
<u>IUF 1000</u>	What is the Good Life (Gen Ed Humanities)	3
<u>MAC 2311</u>	Analytic Geometry and Calculus 1 (Critical Tracking ; State Core Gen Ed Mathematics)	4
<u>State Core Gen Ed Social and Behavioral Sciences</u>		3
Credits		14
Semester Two		
Select one:		3

<u>CHM 2046</u>	General Chemistry 2 (Critical Tracking ; Gen Ed Physical Sciences)	
<u>CHM 2096</u>	Chemistry for Engineers 2 (Critical Tracking ; Gen Ed Physical Sciences)	
<u>CHM 2046L</u>	General Chemistry 2 Laboratory (Gen Ed Physical Sciences)	1
Select one:		3
<u>ENC 1101</u>	Expository and Argumentative Writing (Gen Ed Composition)	
<u>ENC 1102</u>	Argument and Persuasion (Gen Ed Composition)	
<u>MAC 2312</u>	Analytic Geometry and Calculus 2 (Critical Tracking ; Gen Ed Mathematics)	4
<u>State Core Gen Ed Humanities</u>		3
Credits		14
Semester Three		
<u>ENC 3246</u>	Professional Communication for Engineers (State Core Gen Ed Composition; minimum grade of C required)	3
<u>MAC 2313</u>	Analytic Geometry and Calculus 3 (Critical Tracking ; Gen Ed Mathematics)	4
<u>PHY 2048</u>	Physics with Calculus 1 (Critical Tracking ; State Core Gen Ed Physical Sciences)	3
<u>PHY 2048L</u>	Laboratory for Physics with Calculus 1 (Gen Ed Physical Sciences)	1
Gen Ed Social and Behavioral Sciences		3
Credits		14
Semester Four		

<u>EES 4203</u>	Phase Partitioning in the Environment	4
<u>EGM 2511</u>	Engineering Mechanics: Statics	3
<u>MAP 2302</u>	Elementary Differential Equations (Critical Tracking)	3
<u>PHY 2049</u>	Physics with Calculus 2 (Critical Tracking)	3
<u>PHY 2049L</u>	Laboratory for Physics with Calculus 2	1
<u>ENV 3930</u>	Environmental Engineering Ethics Seminar	1
Credits		15
Summer After Semester Four		
<u>CGN 3501C</u> or <u>EMA 3010</u>	Civil Engineering Materials or Materials	3-4
<u>STA 3032</u>	Engineering Statistics	3
Technical elective ¹		3
Credits		9-10
Semester Five		
<u>EES 4201</u>	Water Chemistry	3
<u>EGM 3400</u>	Elements of Dynamics	2
<u>ENV 3040C</u>	Computational Methods in Environmental Engineering	3
<u>ENV 4041C</u>	Environmental Analysis	3

Engineering graphics or geographic information systems elective	3
Credits	14
Semester Six	
<u>CWR 3201</u> Hydrodynamics	4
ENV 4601 Environmental Resources Management	2
<u>EES 4102</u> Wastewater Microbiology	2
<u>ENV 4101</u> Elements of Atmospheric Pollution	3
<u>ENV 4514C</u> Water and Wastewater Treatment	3
Technical elective ¹	3
Credits	17
Semester Seven	
<u>ENV 4121</u> Air Pollution Control Design	3
<u>ENV 4351</u> Solid and Hazardous Waste Management	4
<u>ENV 4501</u> Environmental Hydrology 1	3
<u>ENV 4561</u> Hydraulic Systems Design or CWR 4202 or Hydraulics	3
Technical electives ¹	3
Credits	16

Semester Eight

<u>ENV 4506</u>	Environmental Hydrology 2	3
<u>ENV 4601</u>	Environmental Resources Management	2
Sustainability elective		3
<u>EES 4005C</u>	Ecological Engineering	3
Capstone design elective		3
Technical elective ¹		3
Credits		15
Total Credits		128

Plan of Study Grid

¹ Technical elective: 3 credits of technical elective must be 3000 level or higher EES or ENV course(s) not specified above. The remaining technical electives can be any 3000 level or higher course(s) in one of the following departments, with permission of the students' advisor:

Biomedical Engineering
Civil & Coastal Engineering
Computer & Information Science & Engineering
Electrical and Computer Engineering
Mechanical & Aerospace Engineering
Engineering Innovation Institute
Engineering Leadership Institute
Department of Geography

Department of Geological Sciences
School of Forest Resources and Conservation
Department of Urban and Regional Planning
Department of Wildlife Ecology and Conservation

Approved Electives

Sustainability Elective

Code	Title	Credits
CGN 3510	Sustainable Engineering	3
DCP 3210	Sustainable Solutions in the Built Environment	3
DCP 3220	Social and Cultural Aspects of Sustainability and the Build Environment	3
EES 3008	Energy and Environment	3
EES 4050	Environmental Planning and Design	3
EMA 4535	Sustainable Nanotechnology	3
LAA 2330	Site Analysis	3

Course List

Engineering Graphics or Geographic Information Systems Elective

Code	Title	Credits
<u>CGN 2328</u>	Technical Drawing and Visualization	3
<u>EML 2023</u>	Computer Aided Graphics and Design	3
<u>GIS 3043</u>	Foundations of Geographic Information Systems	4
<u>GIS 3072C</u>	Geographic Information Systems	3
<u>URP 4273</u>	Survey of Planning Information Systems	3

Course List

Capstone Design Elective

Code	Title	Credits
<u>ENV 4300</u>	Solid Waste Containment Design	3
<u>ENV 4122</u>	Design of Air Pollution Control System	3
<u>ENV 4353</u>	Solid Waste Systems Design	3
<u>ENV 4432</u>	Potable Water System Design	3
<u>ENV 4532</u>	Wastewater System Design	3

Code	Title	Credits
ENV 4913	Integrated Product and Process Design 2: Environmental Engineering Sciences ¹	3

Course List

¹ By application only. The [ENV 4912/ENV 4913](#) sequence counts as a technical elective and the capstone design elective. Both courses must be completed to receive credit.

Elliot P. Douglas

From: Thieke,Robert J
Sent: Thursday, January 24, 2019 9:54 AM
To: Elliot P. Douglas
Subject: RE: request to use courses

Elliot:

Those changes would both be acceptable since it appears the effect on enrollment would not be dramatic (many EES students are already taking CGN 3510 as a sustainability elective even though it has not yet been formally adopted).

One caveat is that the CGN 3510 course may not be offered regularly in the near future following the departure of Katie Indarawis in Fall 2019 since (at least for the moment), we would not have a faculty member to champion that class.

Best regards,

Bob Thieke

From: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Sent: Thursday, January 24, 2019 9:49 AM
To: Thieke,Robert J <robert.thieke@essie.ufl.edu>
Subject: request to use courses

Bob,

We are updating our catalog, and we have two changes that need approval from you. First, we want to formally include CGN 3510 in our list of sustainability electives. Second, we are updating our list of technical electives to allow any 3000 level course or above in Civil Engineering, as well as 19 other departments (so the effect would be minimal for any given course).

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Kahveci,Tamer
Sent: Thursday, January 24, 2019 11:55 AM
To: Newman,Richard E; Elliot P. Douglas
Cc: CISE-UGADVISORS; Banerjee,Arunava
Subject: Re: request to use courses

I do not see any problem either.

Thanks

From: Newman,Richard E
Sent: Thursday, January 24, 2019 10:22 AM
To: Elliot P. Douglas
Cc: CISE-UGADVISORS; Banerjee,Arunava; Kahveci,Tamer
Subject: Re: request to use courses

Hi Elliot,

I do not see a problem with that. I am cc'ing the CISE CC chair and Assoc. Chair for Academics to inform them and request any additional input if needed.

Richard

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 10:02 AM
To: Newman,Richard E
Subject: request to use courses

Richard,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above in CISE, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Dejong, Patric E <patricde@dcp.ufl.edu>
Sent: Thursday, January 24, 2019 1:27 PM
To: edouglas@ufl.edu
Subject: RE: request to use courses

Elliot,

I can approve the courses DCP 3210 and DCP 3220 to be added to your elective list. We are now offering both of these courses each semester Spring/Summer/Fall. Unfortunately the course DCP 4213 will not be offered anymore as we lost a key faculty member who taught it. I recommend removing that from your list.

Sincerely,
Pat De Jong
Assistant Director, Academic Advising
University of Florida
College of Design, Construction & Planning
356 Architecture Building
Gainesville, FL 32611
(352) 294-1400, patricde@dcp.ufl.edu

From: Latimer,Stanley
Sent: Thursday, January 24, 2019 1:19 PM
To: Dejong, Patric E <patricde@dcp.ufl.edu>
Subject: Fw: request to use courses

Pat:

Per our phone conversation..... thank you.

Stanley

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 9:53 AM
To: Latimer,Stanley
Subject: request to use courses

Stanley,

I am the undergraduate coordinator for Environmental Engineering. We are updating our catalog, and we have two changes that need approval from you. First, we want to include the following courses in our list of sustainability electives: DCP 3210, DCP 3220, DCP 4213. We have a total of 12 possible electives, and we have roughly 45 students in each class. Second, we are updating our list of technical electives to allow any 3000 level course or above in Urban and Regional Planning, as well as 19 other departments (so the effect would be minimal for any given course).

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Henry Zmuda <zmuda@ece.ufl.edu>
Sent: Thursday, January 24, 2019 10:12 AM
To: Elliot P. Douglas
Subject: Re: request to use courses

Sure, it is fine with me.

Henry Zmuda, Ph.D.
Associate Professor & Undergraduate Coordinator
Department of Electrical and Computer Engineering
University of Florida
235 Larsen Hall
PO Box 116200
Gainesville, FL 32611-6200
Office Telephone: (352) 392-0990
Mobile Phone: (850) 225-9200

On Jan 24, 2019, at 10:03 AM, Elliot P. Douglas <Elliot.douglas@essie.ufl.edu> wrote:

Henry,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above in ECE, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Sander, Erik
Sent: Thursday, January 24, 2019 3:35 PM
To: Elliot P. Douglas
Cc: Tinker, Lawrence A; White, Melissa Mae; Mcelroy, William J
Subject: Re: request to use courses

Elliot, that's good news and I'm very pleased to approve. Thanks, Erik

On Jan 24, 2019, at 10:05 AM, Elliot P. Douglas <Elliot.douglas@essie.ufl.edu> wrote:

Erik,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above in the Engineering Innovation Institute, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Mcelroy,William J
Sent: Thursday, January 24, 2019 12:01 PM
To: Elliot P. Douglas
Subject: RE: request to use courses

Hi Elliot and thanks for the note. I've heard your name quite a bit from my colleagues (like Erik Sander) in our area but we haven't met yet.

Thanks for asking and you have my approval. If you need any information about the courses, please advise.

Have a great rest of the week.

Bill McElroy, P.E. (FL)
Assistant Director, Engineering Leadership Institute
*Professor of Studies in Engineering Leadership,
Engineering Ethics and Professionalism*



University of Florida | Engineering Leadership Institute
313B Weil Hall | Gainesville, FL 32611
352.294.7383 | 352.392.9673 fax | mcelrowj@eng.ufl.edu
[Website](#) | [Facebook](#) | [Twitter](#) | [LinkedIn](#)

We are **POWERING THE NEW ENGINEER TO TRANSFORM THE FUTURE.**
Find out how at www.eng.ufl.edu/transformation »

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 10:07 AM
To: Mcelroy,William J <mcelrowj@eng.ufl.edu>
Subject: request to use courses

Bill,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above in the Engineering Leadership Institute, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Martin,Timothy A
Sent: Thursday, January 24, 2019 11:32 AM
To: Elliot P. Douglas
Subject: Re: request to use courses

Elliot,
I approve.
Thanks,
Tim

Timothy A. Martin
Professor, Tree Physiology
Undergraduate Coordinator, FRC
School of Forest Resources and Conservation
University of Florida / IFAS
PO Box 110410 (Mail)
134 Newins-Ziegler Hall (courier)
Gainesville, Florida 32611-0410
352-846-0866 (p), 352-846-1277 (f)
tamartin@ufl.edu

From: Andreu,Michael G
Sent: Thursday, January 24, 2019 10:30 AM
To: Elliot P. Douglas
Cc: Martin,Timothy A
Subject: RE: request to use courses

Elliot,
I am forwarding this email to Dr. Tim Martin. As of this semester he has taken over as our Undergraduate Coordinator.
Happy 2019.
Michael

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 10:23 AM
To: Andreu,Michael G <mandreu@ufl.edu>
Subject: request to use courses

Michael,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above in Forest Resources and Conservation, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Mao,Liang
Sent: Thursday, January 24, 2019 10:23 AM
To: Elliot P. Douglas
Subject: Re: request to use courses

Hi Elliot,

Sounds great. The geography will definitely support this. Feel free to let me know if you need any help.

Liang Mao, PhD
Associate Professor
Undergraduate Coordinator
3121 Turlington Hall
Department of Geography
University of Florida
<http://www.geog.ufl.edu/faculty/mao.html>

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 10:13 AM
To: Mao,Liang
Subject: request to use courses

Liang,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above in Geography, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Meert, Joseph G
Sent: Thursday, January 24, 2019 10:18 AM
To: Elliot P. Douglas
Subject: Re: request to use courses

Elliot,

This is fine and your students would simply need to compete for seats in some of the more popular courses. We would welcome additional enrollment in some of the less-populated classes. Let me know if students are having any difficulties registering due to pre-reqs (the new bane of our existence).

Cheers

Joe Meert

Joseph Meert
University of Florida Term Professor of Geology
Undergraduate Coordinator/Field Camp Director
President International Association of Gondwana Research 2018-2020
Director Paleomagnetic Laboratory UF
Department of Geological Sciences
University of Florida
Gainesville, FL 32611 USA
(352)-870-4642
Web: <http://gondwanaresearch.com/hp/jmeert.htm>

From: "Elliot P. Douglas" <Elliot.douglas@essie.ufl.edu>
Date: Thursday, January 24, 2019 at 10:14 AM
To: Joe Meert <jmeert@ufl.edu>
Subject: request to use courses

Joseph,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above in Geological Sciences, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering

Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217
Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Gurucharri, Maria Christina
Sent: Thursday, January 24, 2019 2:41 PM
To: Elliot P. Douglas
Subject: RE: request to use courses

Dear Elliott,

We approve offering LAA 2330 as an elective course for undergraduate Environmental Engineering students.

Tina

Tina Gurucharri, PLA, ASLA
Associate Professor and Chair
Department of Landscape Architecture
School of Landscape Architecture and Planning
University of Florida
(352) 294-1494
www.dcp.ufl.edu/landscape

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 9:55 AM
To: Gurucharri, Maria Christina <guruch@ufl.edu>
Subject: request to use courses

Tina,

I am the undergraduate coordinator for Environmental Engineering. We are updating our list of Sustainability Electives, and would like to include LAA 2330. This course would be one of 12 possible electives, and we have roughly 45 students in each class. Please respond to this email so that I can include your approval in our documentation.

Thank you.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Carroll, Bruce F
Sent: Thursday, January 24, 2019 1:54 PM
To: Elliot P. Douglas
Subject: RE: request to use courses

Hi Elliot,

I don't see any problem at all with this. So approval from MAE is given.

Thanks for checking with us.

Bruce

Bruce Carroll

Undergraduate Coordinator &
Associate Professor
Mechanical and Aerospace Engineering
Herbert Wertheim College of Engineering
University of Florida
PO Box 116250
Gainesville, FL 32611-6250
352-392-4943

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 10:09 AM
To: Carroll, Bruce F <bfc@ufl.edu>
Subject: request to use courses

Bruce,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above in MAE, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Latimer,Stanley
Sent: Monday, January 28, 2019 1:34 PM
To: Elliot P. Douglas
Cc: Larsen,Kristin Esther; Dejong, Patric E; Rhoden,Deborah L; Niblett, Vanessa I
Subject: Re: request to use courses

Elliot:

I have forwarded your request concerning the DCP classes to Pat De Jong, Assistant Director, Academic Advising for approval.

We would be happy to accommodate your students in our URP classes and approve your request to allow any 3000 level course or above in Urban and Regional Planning to be listed as a technical elective for Environmental Engineering. Thank you.

Stanley Latimer

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 9:53 AM
To: Latimer,Stanley
Subject: request to use courses

Stanley,

I am the undergraduate coordinator for Environmental Engineering. We are updating our catalog, and we have two changes that need approval from you. First, we want to include the following courses in our list of sustainability electives: DCP 3210, DCP 3220, DCP 4213. We have a total of 12 possible electives, and we have roughly 45 students in each class. Second, we are updating our list of technical electives to allow any 3000 level course or above in Urban and Regional Planning, as well as 19 other departments (so the effect would be minimal for any given course).

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

Elliot P. Douglas

From: Hellgren, Eric C
Sent: Friday, January 25, 2019 11:08 AM
To: Elliot P. Douglas; Johnson, Steven Albert
Cc: Williams, Claire C
Subject: RE: request to use courses

Steve and Elliot:

Good to go for me. Steve's response below covers the bases.

Cheers,

ECH

From: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Sent: Thursday, January 24, 2019 1:52 PM
To: Johnson, Steven Albert <tadpole@ufl.edu>
Cc: Williams, Claire C <ccwillia@ufl.edu>; Hellgren, Eric C <hellgren@ufl.edu>
Subject: RE: request to use courses

Steve,

Since that course is departmentally controlled, what I would propose doing is leaving our catalog to say any course 3000 level or above, and then you can of course keep our students out of that one. That would be much easier than trying to list all the courses.

Is that approach acceptable?

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas

From: Johnson, Steven Albert <tadpole@ufl.edu>
Sent: Thursday, January 24, 2019 11:27 AM
To: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Cc: Williams, Claire C <ccwillia@ufl.edu>; Hellgren, Eric C <hellgren@ufl.edu>
Subject: RE: request to use courses

Hello Elliot:

I think this should work with the exception of one course—WIS 4945 Wildlife Techniques. That course has a tight enrollment cap, is required by our majors, and registration is departmentally controlled.

Also note several of our course have pre-requisites so this may limit the ability of your students to enroll in those classes.

I've copied my chair and our Academic Services Coordinator to see if they have anything to add.

Sincerely,
Steve

Dr. Steve A. Johnson, Associate Professor
Undergraduate Program Coordinator
Dept. of Wildlife Ecology & Conservation
University of Florida
110 Newins-Ziegler Hall
Gainesville, FL 32611
352.846.0557
tadpole@ufl.edu
<http://ufwildlife.ifas.ufl.edu/>

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 10:25 AM
To: Johnson, Steven Albert <tadpole@ufl.edu>
Subject: request to use courses

Steve,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above Wildlife Ecology and Conservation, as well as 19 other departments. We have 45 students in each class, so the effect on any given course would be minimal.

Please reply to this email so I can include your approval in our documentation.

Elliot

For undergrad student advising appointments, go to <https://my.timetrade.com/book/TF4ZK>.

Elliot P. Douglas – Professor & Undergraduate Coordinator, Environmental Engineering Sciences | Engineering School of Sustainable Infrastructure & Environment | Associate Director for Research, UF Institute for Excellence in Engineering Education | Director, Engineering Education Collaborative | Distinguished Teaching Scholar | University of Florida | 217 Black Hall, Box 116450, Gainesville, FL 32611 | 352-846-2836 | edouglas@ufl.edu | Twitter @ElliotPDouglas