

Cover Sheet: Request 14095

BS Environmental Engineering: Major curriculum change

Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Elliot Douglas elliot.douglas@essie.ufl.edu
Created	8/5/2019 11:48:52 AM
Updated	11/13/2019 9:19:04 AM
Description of request	Change to the curriculum for the BS in Environmental Engineering and revised 8 semester critical tracking plan. Changes include: elimination of some courses with the material being integrated into a new set of five Core courses; combining some material into additional new courses; changes to credits for some courses to incorporate additional topics; rearrangement of the model semester plan; updates to elective requirements.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	ENG - Environmental Engineering Sciences 011910000	Chang-Yu Wu		8/5/2019
ABE.pdf					8/5/2019
Biomedical Eng.pdf					8/5/2019
CGN 3421.pdf					8/5/2019
CHE.pdf					8/5/2019
Chemistry.pdf					8/5/2019
Civil Eng.pdf					8/5/2019
Computer & Information Sci & Eng.pdf					8/5/2019
Electrical Eng.pdf					8/5/2019
Eng Education.pdf					8/5/2019
Engineering Innovation Institute.pdf					8/5/2019
Engineering Leadership Institute.pdf					8/5/2019
Forest Resources & Conservation.pdf					8/5/2019
Geography.pdf					8/5/2019
Geological Sciences.pdf					8/5/2019
ISE.pdf					8/5/2019
Mechanical & Aerospace Eng.pdf					8/5/2019
Microbiology & Cell Science.pdf					8/5/2019
Soil and Water Science.pdf					8/5/2019
Urban and Regional Planning.pdf					8/5/2019
Wildlife Ecology.pdf					8/5/2019
College	Approved	ENG - College of Engineering	Heidi Dublin	Approved by the HWCOE Curriculum Committee and Faculty Council	9/23/2019
No document changes					
Associate Provost for Undergraduate Affairs	Approved	PV - APUG Review	Casey Griffith	Need to include Universal Tracking in catalog copy.	10/15/2019
No document changes					
University Curriculum Committee	Commented	PV - University Curriculum Committee (UCC)	Lee Morrison	Added to the November agenda. If approved, this will go into effect for the Summer B 2020 term with the publication of the 2020-2021 undergraduate catalog.	11/4/2019
critical tracking plan.docx					10/15/2019

Step	Status	Group	User	Comment	Updated
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			11/4/2019
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Major|Modify_Curriculum for request 14095

Info

Request: BS Environmental Engineering: Major curriculum change

Description of request: Change to the curriculum for the BS in Environmental Engineering and revised 8 semester critical tracking plan. Changes include: elimination of some courses with the material being integrated into a new set of five Core courses; combining some material into additional new courses; changes to credits for some courses to incorporate additional topics; rearrangement of the model semester plan; updates to elective requirements.

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

Created: 8/5/2019 11:42:53 AM

Form version: 1

Responses

Major Name Environmental Engineering

Major Code ENE

Degree Program Name Bachelor of Science in Environmental Engineering

Undergraduate Innovation Academy Program No

Effective Term Earliest Available

Effective Year Earliest Available

Current Curriculum for Major 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
 Approved 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
 Approved Sustainability elective 3
 Technical elective 1 3
 Credits 12

Semester Ten
 EES 4005C Ecological Engineering 3
 Approved 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.

APPROVED ELECTIVES

Sustainability Elective

Course ListCode	Title	Credits
CGN 4905	Special Problems in Civil Engineering (Sustainable Engineering)	3
EES 3008	Energy and Environment	3
EES 4050	Environmental Planning and Design	3
ENV 4932	Special Problems in Environmental Engineering Sciences (The Science, Policy and Economics of Recycling)	3
ENV 4932	Special Problems in Environmental Engineering Sciences (Sustainable Nanotechnology 2)	3

Engineering Graphics or Geographic Information Systems Elective

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

Capstone Design Elective

Course ListCode	Title	Credits
ENV 4300	Solid Waste Containment Design	3
ENV 4122	Design of Air Pollution Control System	3
ENV 4353	Solid Waste Systems Design	3
ENV 4432	Potable Water System Design	3
ENV 4532	Wastewater System Design	3
ENV 4913	Integrated Product and Process Design 2: Environmental Engineering Sciences	1 3

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.

Proposed Curriculum Changes The primary change is replacement of multiple courses by a sequence of five courses beginning in semester four, identified in the revised catalog with names beginning with Core. Eliminated courses and new courses are shown in the provided revised catalog. Topics from the eliminated courses are being integrated into the Core, as well as being combined into additional new courses as follows:

ENV4501, Environmental Hydrology 1 and ENV4506, Environmental Hydrology 2 are being combined into a new Environmental Hydrology course.

EES4201, Water Chemistry and ENV4101, Elements of Atmospheric Pollution are being combined into a new Environmental Chemistry class.

Other changes include:

1. Revision to the number of credits for ENV4041C, ENV3930, and ENV4601 to incorporate additional topics.
2. Creation of a new Introduction to Environmental Engineering class.
3. Changes to elective requirements.
4. Addition of a programming class, and an additional option for computational methods in the field.
5. Expansion of senior design from one semester to two semesters.
6. Rearrangement of the course sequence.

All changes are shown in detail in the provided revised catalog.

UF Online curriculum change No

Pedagogical Rationale/Justification The current curriculum is segmented into four topical areas (air, water, sustainable materials management, and ecological engineering) in a way that does not appropriately integrate these topics in the way environmental engineering is currently practiced. Also, coverage of these topics in the current curriculum is uneven, with considerably more weight being

placed on air and water, and students were not exposed to some of the topics until their senior year. The revised curriculum with the Core courses will better integrate these topics so that students see how they are integrated, and they will be exposed to all topics throughout the curriculum beginning in semester four. Other changes (e.g. additional programming courses, change in credits to some courses) are being made to modernize the curriculum with topics that are currently needed for engineering practice.

Impact on Enrollment, Retention, Graduation A teaching plan will be created to allow students in the current catalog to take the classes they need to graduate. This plan will involve teaching classes for both curricula for approximately four semesters.

Assessment Data Review Student input has consistently indicated a desire to see all environmental engineering topics earlier in the curriculum. Faculty input has indicated that students have difficulty with some basic concepts and how to apply them to environmental engineering problems. Both of these inputs were used to design the new curriculum, emphasizing equal coverage of topics across the curriculum and integration of topics so that students better understand how to apply basic concepts to environmental engineering problems. The proposed changes have been reviewed by the department's External Advisory Board, which supports the changes.

Academic Learning Compact and Academic Assessment Plan No changes are needed in the Academic Learning Compact. Upon approval of this curriculum change the Academic Assessment Plan will be modified to replace eliminated courses in the plan with the new courses.

Elliot P. Douglas

From: Correll, Melanie J
Sent: Thursday, February 21, 2019 2:55 PM
To: Elliot P. Douglas
Cc: Porter, Wendell A
Subject: RE: request to use courses

Hi Elliot,

Our faculty have approved this request (unanimously).

Melanie

Melanie J. Correll, Ph.D.
Associate Professor
Agricultural and Biological Engineering Department
University of Florida
Email: correllm@ufl.edu
Phone: 352-294-6722
PO Box 110570 | 1741 Museum Road | Gainesville, FL | 32611-0570

From: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Sent: Thursday, February 21, 2019 11:02 AM
To: Porter, Wendell A <waporter@ufl.edu>
Cc: Correll, Melanie J <correllm@ufl.edu>
Subject: RE: request to use courses

Thank you for the response. I look forward to hearing the final determination once your curriculum committee considers it.

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: Porter, Wendell A <waporter@ufl.edu>
Sent: Wednesday, February 20, 2019 3:24 PM
To: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Cc: Correll, Melanie J <correllm@ufl.edu>
Subject: RE: request to use courses

Elliot,

We intend to support this request and will be moving this through our own curriculum committee shortly. We are in the middle of hiring a new Undergraduate Coordinator for our engineering program as our previous one of many years just

retired. I have cc'd our interim coordinator, Melanie Correl, in case you have further questions. Sorry for the delay and thanks for the reminder!

Wendell

From: Elliot P. Douglas
Sent: Wednesday, February 20, 2019 1:58 PM
To: Porter,Wendell A <waporter@ufl.edu>
Subject: RE: request to use courses

Wendell,

I have not heard from you regarding the request below. Please respond so we can move forward updating our curriculum.

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: Elliot P. Douglas
Sent: Thursday, January 24, 2019 10:00 AM
To: 'waporter@ifas.ufl.edu' <waporter@ifas.ufl.edu>
Subject: request to use courses

Wendell,

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 ABE, 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>.

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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>.

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Elliot P. Douglas

From: Thieke,Robert J
Sent: Thursday, February 21, 2019 2:49 PM
To: Elliot P. Douglas
Subject: RE: approval for EES to use CGN 3421

Elliot:

That change is certainly acceptable to Civil and Coastal Engineering.

Best regards.

Bob Thieke

Robert J. Thieke, Ph.D.
Department Head and Undergraduate Coordinator
Department of Civil and Coastal Engineering
Email: robert.thieke@essie.ufl.edu
Phone: 352-294-7783

From: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Sent: Thursday, February 21, 2019 11:34 AM
To: Thieke,Robert J <robert.thieke@essie.ufl.edu>
Subject: approval for EES to use CGN 3421

Bob,

As we discussed EES wants to utilize CGN 3421, Computer Methods in Civil Engineering, for our students to take as an option for ENV 3040C. Please reply to this email with your approval so I can include that documentation when we submit the catalog change.

Elliot

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

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Elliot P. Douglas

From: Svoronos,Spyros A
Sent: Monday, March 4, 2019 7:41 PM
To: Elliot P. Douglas
Cc: Sain,Cynthia L; Rinaldi,Carlos
Subject: RE: tech elective classes

Hi Elliot

I thought I had replied orally. As long as we can give our students first chance, we are ok. Of course, EES students must have the needed prerequisites (and if they have close to what is needed they can petition).

With best regards,

Spyros

From: Elliot P. Douglas
Sent: Monday, March 4, 2019 3:01 PM
To: Svoronos,Spyros A <svoronos@ufl.edu>
Subject: tech elective classes

Spyros,

I am checking in with you about my request to list Chemical Engineering as a department from which EES students can take tech electives (any course 3000 level or above). I know you were concerned about enrollment caps. I hope my email about Temporary Restricted Access was helpful in resolving that issue.

Yours is the last department I am waiting to hear from, so I hope you will be able to have a decision soon.

Elliot

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

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Elliot P. Douglas

From: Associate Chair, Chemistry
Sent: Wednesday, February 20, 2019 2:50 PM
To: Elliot P. Douglas
Subject: Re: request to use courses

Dear Elliot,

Thank you for your emails and the reminder. I apologize for not responding earlier. Your original email came while I was out of town and I failed to follow up on it when I got back for which I am sorry.

Please feel free to include any 3000 level or higher chemistry course in your electives. However, perhaps it is a good idea for you to look over our course catalog and pick from it what is most relevant to your students. For example, I would imagine that CHM3400 (3 credits, Physical Chemistry for the Biosciences) might be a course that your students might want to consider as it focuses on a physical understanding of chemistry as it relates to the life sciences.

With best regards, Alex Angerhofer.

On 2/20/2019 2:05 PM, Elliot P. Douglas wrote:

>
> Alex,
>
> I have not heard from you regarding the request below. Please respond
> so we can move forward updating our curriculum.
>
> 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 <<mailto:edouglas@ufl.edu>> | [Twitter](#)
> @ElliotPDouglas
>
> *From:* Elliot P. Douglas
> *Sent:* Thursday, January 24, 2019 10:12 AM
> *To:* Angerhofer,Alexander <alex@chem.ufl.edu>
> *Subject:* request to use courses
>
> Alex,
>
> 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 Chemistry, 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>
> <<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,
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Gainesville, FL 32611-7200
USA

Tel.: (+1) 352 392 4582
FAX : (+1) 352 392 8758

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>.

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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>.

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SEMESTER 1

- Complete 1 critical-tracking course ([CHM 2045](#) or [CHM 2095](#) , [CHM 2046](#) or [CHM 2096](#) , [MAC 2311](#) , [MAC 2312](#) , [MAC 2313](#) , [MAP 2302](#) , [PHY 2048](#) and [PHY 2049](#)) with a minimum grade of C within two attempts, including withdrawals.
- 2.5 GPA on the best of a maximum of two attempts at each critical-tracking course
- 2.0 UF GPA required

SEMESTER 2

- Complete 1 additional critical-tracking course with a minimum grade of C within two attempts, including withdrawals
- 2.5 GPA on the best of a maximum of two attempts at each critical-tracking course
- 2.0 UF GPA required

SEMESTER 3

- Complete 2 additional critical-tracking courses with minimum grades of C within two attempts, including withdrawals
- 2.5 GPA on the best of a maximum of two attempts at each critical-tracking course
- 2.0 UF GPA required

SEMESTER 4

- Complete 2 additional critical-tracking courses with minimum grades of C within two attempts, including withdrawals
- 2.5 GPA on the best of a maximum of two attempts at each critical-tracking course
- 2.0 UF GPA required

SEMESTER 5

- Complete the remaining critical-tracking courses with minimum grades of C in each course within two attempts, including withdrawals
- 2.5 GPA on the best of a maximum of two attempts at each critical-tracking course
- 2.0 UF GPA required

SEMESTER 6

- Complete ENV 4XXX, Core 3: Process in Environmental Engineering
- 2.0 UF GPA required

SEMESTER 7

- Complete ENV 4XXX, Core 4: Environmental Engineering Applications
- 2.0 UF GPA required

SEMESTER 8

- Complete ENV 4XXX, Core 5: Environmental Engineering Practice
- 2.0 UF GPA required

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: Dickrell,Pamela
Sent: Tuesday, June 11, 2019 9:17 AM
To: Elliot P. Douglas
Cc: van Oostrom,Hans
Subject: Re: request to use Dept of Eng Ed courses

Elliot,

I approve of your Environmental Engineering Sciences students taking those two courses (EGN2020C and COP2271) and we will have space to accommodate them.

Please note in your email below you wrote "ENG2020C", please make sure the letters G and N are switched to reflect the actual course number in any paperwork you submit to show EGN2020C.

Best Wishes,
Pam

Pamela Dickrell, PhD
Associate Director of Education
Department of Engineering Education
Herbert Wertheim College of Engineering
University of Florida
pld@ufl.edu

From: Elliot P. Douglas
Sent: Monday, June 10, 2019 12:55 PM
To: Dickrell,Pamela
Subject: request to use Dept of Eng Ed courses

Pam,

We are making modifications to the curriculum for environmental engineering, and would like to add two courses from the Department of Engineering Education to include in the curriculum:

- ENG2020C, Engineering Design & Society
- COP2271, Computer Programming for Engineers

We generally have 45-50 students in each of our graduating classes. Please reply with your confirmation that you approve our students taking these classes and that you will have space to accommodate them.

Elliot

Preferred pronouns: he, him, his

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

Elliot P. Douglas – Professor & Undergraduate Coordinator, Department of Environmental Engineering Sciences | Professor, Department of 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 Eliot 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](#)

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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>.

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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

Elliot P. Douglas

From: Kirli,Serdar
Sent: Wednesday, February 20, 2019 2:32 PM
To: Elliot P. Douglas
Cc: Kaber, David
Subject: RE: request to use courses

Elliot,

Sorry for the delay. We do not anticipate a problem with accommodating your students provided the numbers are not excessive. Needless to say, in the case of a section having limited space, ISE students will have higher priority.

Serdar

From: Elliot P. Douglas
Sent: Wednesday, February 20, 2019 1:59 PM
To: Kirli,Serdar <kirli@ise.ufl.edu>
Subject: RE: request to use courses

Serdar,

I have not heard from you regarding the request below. Please respond so we can move forward updating our curriculum.

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: Elliot P. Douglas
Sent: Thursday, January 24, 2019 10:04 AM
To: Kirli,Serdar <kirli@ise.ufl.edu>
Subject: request to use courses

Serdar,

I am the undergrad coordinator for Environmental Engineering. We are updating our list of technical electives to allow any 3000 level course or above ISE, 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: 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>.

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Elliot P. Douglas

From: Oli,Monika
Sent: Wednesday, February 20, 2019 2:43 PM
To: Elliot P. Douglas
Subject: Re: request to use courses

Hi Elliot,

so sorry for not replying earlier. Yes, that would be fine with us for you to offer our classes to your students. I think especially Microbiology would be certainly useful for many of your students as well as some of our other classes. You may find this listing useful

<https://docs.google.com/spreadsheets/d/141QQInCRX-7I8U1ymZqNjoL6NLUD7awtKbElwP01EMw/edit#gid=480800119>

Please let me know if you have any other questions.

Best
Monika

Monika Oli, PhD

Sr. Lecturer and Undergraduate Coordinator
Department of Microbiology and Cell Science, Room 1049
University of Florida, 1355 Museum Rd. PO BOX 110700
Gainesville, FL 32611-0700
Phone: 352-3928434, E-mail: moli@ufl.edu
Follow us on FB <https://www.facebook.com/UFMicrobiology/?ref=hl>

Office hours

Mondays 11am-1pm

Thursdays 12pm-2pm

Fridays 9am-11am (for online students)

or by appointment

MICROBIOLOGY: BECAUSE LITTLE THINGS MAKE BIG THINGS HAPPEN.....

From: Elliot P. Douglas
Sent: Thursday, January 24, 2019 10:15 AM
To: Oli,Monika
Subject: request to use courses

Monika,

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 Microbiology & Cell Science, 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>.

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Semester One	
Select one:	
<u>CHM 2045</u>	General Che Gen Ed Phy
<u>CHM 2095</u>	Chemistry fo Tracking ; C
<u>CHM 2045L</u>	General Che Physical Sci
<u>IDS 1161</u>	What is the ()
<u>MAC 2311</u>	Analytic Ge Tracking ; S
EGN 2020C) Engineering
	Credits
Semester Two	
Select one:	
<u>CHM 2046</u>	General Che Gen Ed Phy
<u>CHM 2096</u>	Chemistry fo Tracking ; C
<u>CHM 2046L</u>	General Che Physical Sci
Select one:	
<u>ENC 1101</u>	Expository a Gen Ed Con
<u>ENC 1102</u>	Argument ar Compositor
<u>MAC 2312</u>	Analytic Ge Tracking ; C
<u>State Core Gen Ed Humanities</u>	
	Credits
Semester Three	
<u>ENC 3246</u>	Professional (State Core minimum gra
<u>MAC 2313</u>	Analytic Ge Tracking ; C
<u>PHY 2048</u>	Physics with ; State Core
<u>PHY 2048L</u>	Laboratory f Gen Ed Phy
ENV 2XXX	Introduction
Gen Ed Social and Behavioral Sciences	
	Credits
Semester Four	
ENV 3XXX	Core 1: Intra Systems
COP 2271	Computer P
<u>EGM 2511</u>	Engineering
<u>MAP 2302</u>	Elementary Tracking)
<u>PHY 2049</u>	Physics with)
<u>PHY 2049L</u>	Laboratory f
	Credits
Summer After Semester Four	
<u>CGN 3501C</u> or <u>EMA 3010</u>	Civil Engine or Materials

Engineering information s

State Core C Sciences

Credits

Semester Five

ENV 3XXX

Core 2: Fun
Engineering

EES 3XXX

Environmen

ENV 3040C
or CGN 3421

Computatio
Engineering
Computer M

CWR 3201

Hydrodynar

Credits

Semester Six

ENV 4XXX

Core 3: Proc
Engineering

ENV XXX

Environmen

ENV 4041C

Environmen

ENV 3930

Engineering
Justice

Credits

Semester Seven

ENV 4XXX

Core 4: Env
Applications

ENV 4XXX
or ENV 4912

Environmen
Integrated P
Environmen

Technical EI

CWR 4202

Technical EI

Hydraulics

Credits

Semester Eight

ENV 4XXX

Core 5: Envi
Practice (C

ENV 4601

Environmen

ENV 4XXX or ENV 4913	Technical EI Environmen Integrated P Environmen
Technical elective 1	
	Credits

APPROVED ELECTIVES

**Engineering Graphics or Geographic Information Systems
Elective**

Elliot P. Douglas

From: Bonczek,James Lee
Sent: Thursday, February 21, 2019 11:33 AM
To: Elliot P. Douglas
Subject: RE: request to use courses

Elliot,

I have heard back from the instructors and all are on board.

James

James Bonczek, Ph.D.
Sr. Lecturer and Undergraduate Coordinator
Soil and Water Sciences Department
352-294-3112

From: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Sent: Thursday, February 21, 2019 11:03 AM
To: Bonczek,James Lee <bonczek@ufl.edu>
Subject: RE: request to use courses

James,

Thank you for the response. I look forward to hearing the final answer.

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: Bonczek,James Lee <bonczek@ufl.edu>
Sent: Wednesday, February 20, 2019 3:36 PM
To: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Subject: RE: request to use courses

Elliot,

Sorry. I'm consulting with the instructors and should have an answer for you by the end of the week,

James

James Bonczek, Ph.D.
Sr. Lecturer and Undergraduate Coordinator
Soil and Water Sciences Department
352-294-3112

From: Elliot P. Douglas <Elliot.douglas@essie.ufl.edu>
Sent: Wednesday, February 20, 2019 2:03 PM
To: Bonczek,James Lee <bonczek@ufl.edu>
Subject: RE: request to use courses

James,

I have not heard from you regarding the request below. Please respond so we can move forward updating our curriculum.

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: Elliot P. Douglas
Sent: Thursday, January 24, 2019 9:58 AM
To: Bonczek,James Lee <bonczek@ufl.edu>
Subject: request to use courses

James,

I am the undergraduate coordinator for Environmental Engineering. We are updating our catalog, and we have three changes that need approval from you. First, we want to include the following courses in our list of sustainability electives: SWS 4180, SWS 4207, SWS 4233. We have a total of 12 possible electives, and we have roughly 45 students in each class. Second, we would like to add SWS 4720C to our list of GIS electives. We have a total of 6 possible electives. Second, we are updating our list of technical electives to allow any 3000 level course or above in Soil and Water Science, 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: 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>.

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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