



CEE - 755 - Advanced Physicochemical Methods for Water Treatment


2 Graduate Course Change 2019-20


I. Course Information

Read before you begin

TURN ON help text before starting this proposal by clicking  in the top right corner of the heading. You will need to turn on help text again after any actions that refresh the page including after saving proposals, importing information, or running impact reports.

IMPORT curriculum data from the Catalog by clicking  in the top left corner. Do not make any changes to any information until the proposal has been launched in Step 4. Changes will only be tracked after proposal is launched. FILL IN ONLY fields required marked with an * after importing data. You will not be able to launch the proposal without completing required fields.

LAUNCH proposal by clicking  in the top left corner. After launching the proposal, make all changes and fill in all additional fields.

Finish the launch of your proposal by clicking the icon  located in the Proposal Toolbox on left side at top. Make your decision, comment is optional, and click on "Make decision".

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

College/ Department*	Civil and Environmental Engineering and Construction		
Prefix*	CEE	Number*	755
Long Course Name*	Advanced Physicochemical Methods for Water Treatment		
Short Course Name*	N/A		

Tips

avoid the use of the words student, course, and covers
incomplete sentences are ok
avoid repeating the course title

(50 words max)

Catalog Description*

Fundamentals of chemical equilibrium, chemical kinetics, reactor hydraulics, and advanced treatment processes. Applications to the design of advanced water and wastewater treatment facilities, including disinfection basins, advanced oxidation processes, activated carbon columns, and membranes.

Summary of Proposed Changes*

- Prefix
- Course #
- Name
- Description
- Credits/Grading
- PreReqs/CoReqs
- Instructional Mode
- Other

Effective Term and Year*

Fall 2020

Justification for Course Change:*

These changes reflect updates to the course material and prerequisites. Several courses in CEE are changing to reflect advancements in the industry so the CEE 755 changes are requested to maintain consistency within the department. The prerequisite should be changed to CEE 450/650 since this course provides a sufficient foundation for the material in CEE 755. Also, the current prerequisite (CEE 455/655) is not offered with sufficient frequency.

Run an Impact Report by clicking  in the top left corner and answer below according to the results. Copy and paste the results below:

Degree and/or certificate program(s) impacted by this change (Results of Impact Report)*

Impact Report for CEE 755

There are no results for this report.

Substantive changes will necessitate a Program Change form be submitted.

Detail the changes to the program catalog entry required due to this change.*

None

Will this course be listed as the 'same as' another course? * Yes No

It yes, list the course

II. Course Change Information

Please review all sections below and make necessary changes after you launch the proposal.

Credit change

Fixed/Variable Credits Fixed Variable

If fixed, enter number of credits. If variable, enter minimum and maximum credits (E.g., 1-3)

Number of Credits 3

Course is Repeatable Yes No

If yes, the maximum number of credits that may be earned is

Grading Change

Grading System Letter Grade
 S/U
 S/F
 Thesis/Dissertation

Does this course have any non-credit components? Yes No

If yes, indicate component(s)

- Clinical
- Discussion
- Field Studies
- Independent Study
- Internship
- Laboratory
- Lecture
- Practicum
- Research

- Seminar
- Supervision
- Thesis Research

Requisite Change

(if any) - Graduate standing is the default prerequisite for all graduate-level courses.

Prerequisites CEE 450/CEE 650 or equivalent.

Corequisites

Anti-requisites

- Instructional Modes**
- In Person Supplemental Web
 - Field Study
 - Hybrid
 - Independent Study
 - In Person
 - Television
 - Web-based
 - Web-based w/ on/off campus meeting

III. Evaluation of Library Resources

Indicate library resources that will be needed as a result of changes to this course (if applicable)

Will this course change require changes to library resources?* Yes No

Core Journals

Core Books

Electronic Resources

This section is completed by the librarian

Level of support the Library can provide

Library Comments

IV. Department Vote Information

Date faculty voted
on proposal

Result of vote
(Number of
yes/no/abstention
votes)

Manner of vote
(online, in-person,
etc.)

V. Unit Vote Information

Date faculty voted
on proposal

Result of vote
(Number of
yes/no/abstention
votes)

Manner of vote
(online, in-person,
etc.)

VII. Implementation and Processing

PS Processing
Notes

PS Processing
Date

Initials

Acalog Processing
Notes

Acalog
Processing Date

Initials

Attachments for CEE - 755 - Advanced Physicochemical Methods for Water Treatment

This proposal does not have any attachments.

Comments for CEE - 755 - Advanced Physicochemical Methods for Water Treatment

Curriculog	11/2/2018 9:38 pm Reply
Hui Zhao has approved this proposal on Associate Dean for Graduate Studies/ Dean.	
Curriculog	11/2/2018 4:56 pm Reply
System Administrator Ashley Weckesser has restarted the Associate Dean for Graduate Studies/ Dean step as a result of participants being added to or removed from the step.	
Curriculog	11/2/2018 4:55 pm Reply
Hui Zhao was added to the Howard R. Hughes College of Engineering Associate Dean for Graduate Studies/ Dean role.	
Curriculog	11/2/2018 9:18 am Reply
Hui Zhao has approved this proposal on School/College Committee.	
Curriculog	10/23/2018 1:32 pm Reply
CEEC Chair has approved this proposal on Graduate Coordinator/Department Chair.	
Curriculog	10/23/2018 1:07 pm Reply
CEEC Graduate Coordinator has approved this proposal on Graduate Coordinator/Department Chair.	
Curriculog	10/22/2018 12:38 pm Reply
CEEC Chair has approved this proposal on Graduate Department Curriculum Committee.	
Ashley Weckesser	10/17/2018 1:20 pm Reply
Update prereqs to include only graduate-level course: CEE 650 or equivalent. Undergraduate courses are not suitable prereqs for graduate courses.	
Curriculog	10/17/2018 1:20 pm Reply
Ashley Weckesser has approved this proposal on Technical Review.	
Emily Lin	10/17/2018 1:15 pm Reply
Ignore previous decision.	

Curriculog

10/17/2018 1:15 pm [Reply](#)

Emily Lin has approved this proposal on Technical Review.

Emily Lin

10/8/2018 3:52 pm [Reply](#)

Please attach a sample syllabus

Curriculog

10/8/2018 3:52 pm [Reply](#)

Emily Lin has rejected this proposal on Technical Review.

Curriculog

10/5/2018 11:36 am [Reply](#)

Daniel Gerrity has approved this proposal on Originator.

Curriculog

10/5/2018 11:29 am [Reply](#)

Daniel Gerrity has launched this proposal.