

Date Submitted: 11/03/23 3:58 pm

Viewing: **CVEGPH : Engineering (Civil Engineering),****Doctor of Philosophy**

Last approved: 05/21/19 10:56 am

Last edit: 12/04/23 10:41 am

Changes proposed by: kdhall

Catalog Pages Using
this Program
[Civil Engineering \(CVEG\)](#)

Submitter: User ID: [kdhall](#) ~~ktutcza~~ Phone:
[8695 7456](#)

Program Status Active
Academic Level Graduate

Type of proposal Major/Field of Study

Select a reason for this modification

Making Minor Changes to an Existing Certificate, Degree or Program (including 15 or fewer hours, admission/graduation requirements, Focused Studies or Tracks)

Are you adding a concentration?
No

Are you adding or modifying a track?
No

Are you adding or modifying a focused study?
No

Effective Catalog Year Fall 2024

College/School Code
College of Engineering (ENGR)

Department Code
Department of Civil Engineering (CVEG)

In Workflow

1. ENGR Dean Initial
2. GRAD Dean Initial
3. Director of Curriculum Review and Program Assessment
4. Registrar Initial
5. Institutional Research
6. CVEG Chair
7. ENGR Curriculum Committee
8. ENGR Faculty
9. ENGR Dean
10. Global Campus
11. Provost Review
12. Graduate Council
13. Faculty Senate
14. Provost Final
15. Registrar Final
16. Catalog Editor Final

Approval Path

1. 10/31/23 4:06 pm
Kevin Hall (kdhall):
Approved for ENGR
Dean Initial
2. 11/03/23 9:57 am
Ed Bengtson
(egbengts): Rollback
to Initiator
3. 11/03/23 3:59 pm
Kevin Hall (kdhall):
Approved for ENGR
Dean Initial
4. 11/03/23 4:02 pm
Ed Bengtson

Program Code CVEGPH
 Degree Doctor of Philosophy
 CIP Code

- (egbengts):
 Approved for GRAD
 Dean Initial
5. 11/07/23 4:39 pm
 Lisa Kulczak
 (lkulcza): Approved
 for Director of
 Curriculum Review
 and Program
 Assessment
 6. 11/08/23 7:42 am
 Gina Daugherty
 (gdaugher):
 Approved for
 Registrar Initial
 7. 11/27/23 11:48 am
 Doug Miles
 (dmiles): Approved
 for Institutional
 Research
 8. 11/27/23 2:00 pm
 Micah Hale (micah):
 Approved for CVEG
 Chair
 9. 12/01/23 8:46 am
 Manuel Rossetti
 (rossetti): Approved
 for ENGR
 Curriculum
 Committee
 10. 12/01/23 12:44 pm
 Kevin Hall (kdhall):
 Approved for ENGR
 Faculty
 11. 12/01/23 12:45 pm
 Kevin Hall (kdhall):
 Approved for ENGR
 Dean
 12. 12/01/23 5:50 pm
 Suzanne Kenner

- (skenner): Approved
for Global Campus
13. 12/01/23 7:17 pm
Jim Gigantino
(jgiganti): Approved
for Provost Review
14. 12/17/23 8:56 am
Ed Bengtson
(egbengts):
Approved for
Graduate Council

History

1. May 9, 2016 by
Kevin Hall (kdhall)
2. May 21, 2019 by
Lisa Kulczak (lkulcza)

14.0101 - Engineering, General.

Program Title

Engineering (Civil Engineering), Doctor of Philosophy

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

No

What are the total 60
hours needed to
complete the
program?

Program Requirements and Description

Requirements

Applicants for the Doctor of Philosophy with emphasis in Civil Engineering degree program who do not possess an engineering degree accredited by the Engineering Accreditation Commission (EAC) of ABET, Inc. must present results from the Graduate Record Examination (GRE) as part of the application process.

Requirements for the Doctor of Philosophy (Ph.D.) degree with emphasis in Civil Engineering: Minimum 72 semester hours of graduate-level credit beyond the baccalaureate degree; minimum 42 semester hours of graduate-level credit beyond the master’s degree.

Candidates for the degree are required to complete a minimum of 36 semester hours of graduate-level course work and a minimum of 18 semester hours of dissertation. Graduate-level course work comprising an earned master’s degree may be included in the minimum course work credit hours for the Ph.D. degree.

Candidates for the degree must present a cumulative grade point average of 3.00 on all graduate courses. The minimum acceptable grade for any course is “C.”

All graduate students enrolled in the Ph.D. program in the Department of Civil Engineering must successfully complete two semesters of CVEG 50000 Graduate Seminar in Civil Engineering. **CVEG 5000** **Course CVEG 5000 Not Found.**

Students should also be aware of Graduate School requirements with regard to doctoral degrees.

Are Similar Programs available in the area?

No

Estimated Student 35

Demand for Program

Scheduled Program 2023-2024 **Spring**

Review Date **2017**

Program Goals and Objectives

Program Goals and Objectives

1. Prepare students to pursue careers in the broad field of civil engineering.
2. Prepare students to demonstrate advanced technical knowledge related to civil engineering.

Learning Outcomes

Learning Outcomes

1. Apply knowledge of mathematics, science, and engineering to solve advanced-level problems in civil engineering.
2. Locate and evaluate pertinent published literature relevant to a given topic, and apply the information gained to a design, analysis, or research effort.
3. Organize and deliver effective communications.
4. Design a system, component, or process to meet desired needs.

Learning Outcomes

5. Design and conduct experiments, and analyze and evaluate the resulting data.

Description and justification of the request

Description of specific change	Justification for this change
Adding a GRE requirement for applicants who do not possess an ABET-accredited degree.	The addition of a GRE requirement allows for a more consistent evaluation of applicants from varied backgrounds who have not earned an engineering degree accredited by ABET. It allows CVEG faculty to render a more informed assessment of applicants' writing and technical abilities. It is also useful for identifying students for graduate funding that have earned degrees from programs with which CVEG faculty are not familiar.

Upload attachments

Reviewer Comments

Ed Bengtson (egbengts) (11/03/23 9:57 am): Rollback: The Graduate School policy states "Standardized Test Scores: There is no requirement of a standardized examination score for admission to the Graduate School. Individual degree and non-degree programs may require applicants to submit standardized examination scores as part of their application for admission. However, programs who require standardized examination scores must consider them as one factor in a holistic review of applicants. Programs may not use cutoff or minimum scores as the sole screening tool as part of their admission process." This was decided and approved by the Graduate Council when the Graduate School decided to not require the GRE for admission to the Graduate School. Did you want to revisit this with the Graduate Council?

Lisa Kulczak (lkulcza) (11/07/23 4:39 pm): Updated submitter information, next scheduled program review dates. ATTENTION REGISTRAR: Please remove Undergraduate Council from the workflow.

Gina Daugherty (gdaugher) (11/08/23 7:42 am): Removed Undergraduate Council from workflow.

Key: 209