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

Viewing: **CVEGMS : Civil Engineering, Master of Science in Civil Engineering**

Last approved: 05/21/19 10:54 am

Last edit: 12/04/23 10:38 am

Changes proposed by: kdhall

Catalog Pages Using
this Program
   Civil Engineering (CVEG)

Submitter: User ID: kdhall ~~lkulcza~~   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 9:58 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 4:00 pm
   Ed Bengtson

Program Code	CVEGMS
Degree	Master of Science in Civil Engineering
CIP Code	

(egbengts):
Approved for GRAD
Dean Initial

5. 11/07/23 4:35 pm
Lisa Kulczak
(lkulcza): Approved
for Director of
Curriculum Review
and Program
Assessment

6. 11/08/23 7:41 am
Gina Daugherty
(gdaugher):
Approved for
Registrar Initial

7. 11/27/23 11:47 am
Doug Miles
(dmiles): Approved
for Institutional
Research

8. 11/27/23 1:59 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 5:49 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 1, 2018 by
Rodney Williams
(rdw)
3. May 21, 2019 by
Lisa Kulczak (lkulcza)

14.0801 - Civil Engineering, General.

Program Title
Civil Engineering, Master of Science in Civil Engineering

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   30
hours needed to
complete the
program?

Program Requirements and Description

Requirements

Applicants for the Master of Science 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 Master of Science in Civil Engineering Degree: Minimum 30 semester hours of graduate-level credit for thesis option; or 30 semester hours of graduate-level non thesis or research credit for course work only option.

Candidates for the degree who present a thesis are required to complete a minimum of 24 semester hours of course work and a minimum of six semester hours of thesis.

Candidates for the degree who do not present a thesis are required to complete a minimum of 30 semester hours of graduate-level course work.

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."

Upon admission to the Graduate School and acceptance in a program of study, candidates pursuing a thesis-based program will be assigned to a major adviser, who in consultation with the department head, will select a graduate committee. With guidance from the committee, the candidate will develop a plan of study and a research project to be completed by the candidate. The committee will serve as the examination committee for the final oral and/or written examination and for the thesis. Candidates pursuing a coursework-based program will be assigned to a major adviser, who will assist the candidate in developing a plan of study; the major adviser will coordinate the final and/or written examination.

All graduate students enrolled in the M.S.C.E. program in the Department of Civil Engineering must successfully complete one semester 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 master's degrees.

Are Similar Programs available in the area?	
No	
Estimated Student Demand for Program	30
Scheduled Program Review Date	2023-2024
Program Goals and Objectives	

Program Goals and Objectives
Program Goals:
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
Student Learning Outcomes:
1. Apply knowledge of mathematics, science, and engineering to solve advanced-level engineering 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.
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 engineering 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 9:58 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 4:32 pm): ATTENTION REGISTRAR: Please remove Undergraduate Council from the workflow.

Gina Daugherty (gdaugher) (11/08/23 7:41 am): Removed Undergraduate Council from workflow.

Key: 208