

## Program Change Request

Date Submitted: 08/24/17 3:14 pm

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

Last approved: 05/09/16 6:55 pm

Last edit: 09/14/17 3:01 pm

Changes proposed by: rdw

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

Submitter:	User ID:	kdhall	Phone:	58695
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 Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding Focused Study)				
Are you adding a concentration?	No			
Are you adding a track?	No			
Are you adding a focused study?	No			
Effective Catalog Year	Fall 2018			
College/School Code	College of Engineering(ENGR)			
Department Code	Department of Civil Engineering(CVEG)			
Program Code	CVEGMS			
Degree	Master of Science in Civil Engineering			
CIP Code	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 hours needed to complete the program?	30			

### In Workflow

1. ENGR Dean Initial
2. GRAD Dean Initial
3. Director of Program Assessment and Review
4. Registrar Initial
5. CVEG Chair
6. ENGR Curriculum Committee
7. ENGR Faculty
8. ENGR Dean
9. Global Campus
10. Provost Review
11. University Course and Program Committee
12. Graduate Committee
13. Faculty Senate
14. Provost Final
15. Provost's Office-- Notification of Approval
16. Registrar Final
17. Catalog Editor Final

### Approval Path

1. 09/14/17 9:30 am Norman Dennis (ndennis): Approved for ENGR Dean Initial
2. 09/14/17 11:34 am Patricia Koski (pkoski): Approved for GRAD Dean Initial
3. 09/14/17 3:02 pm Alice Griffin (agriffin): Approved for Director of Program Assessment and Review
4. 09/25/17 5:36 pm Lisa Kulczak (lkulcza): Approved for Registrar Initial
5. 09/26/17 8:43 am Micah Hale (micah): Approved for CVEG Chair
6. 10/03/17 1:50 pm Manuel Rossetti (rossetti): Approved for ENGR

## Program Requirements and Description

### Requirements

**Requirements for the Master of Science in Civil Engineering Degree:** Minimum 30 semester hours of graduate-level credit for thesis option; or **30 ~~36~~** 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~~ **36**-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 5100](#) Graduate Seminar in Civil Engineering.

Students should also be aware of Graduate School requirements with regard to [master's degrees](#).

Curriculum Committee

7. 10/03/17 2:30 pm  
Norman Dennis (ndennis): Approved for ENGR Faculty
8. 10/03/17 2:37 pm  
Norman Dennis (ndennis): Approved for ENGR Dean
9. 10/04/17 5:27 pm  
Kiersten Bible (kbible): Approved for Global Campus
10. 10/05/17 3:50 pm  
Terry Martin (tmartin): Approved for Provost Review

**History**

1. May 9, 2016 by  
Kevin Hall (kdhall)

<p>Are Similar Programs available in the area?</p> <p>No</p>	
Estimated Student Demand for Program	30
Scheduled Program Review Date	<del>2017</del> <b>2023-2024 Spring</b>
<p>Program Goals and Objectives</p> <p style="text-align: center;"><b>Program Goals and Objectives</b></p> <p>Program Goals:</p> <ol style="list-style-type: none"> <li>1. Prepare students to pursue careers in the broad field of civil engineering.</li> <li>2. Prepare students to demonstrate advanced technical knowledge related to civil engineering.</li> </ol>	
<p>Learning Outcomes</p> <p style="text-align: center;"><b>Learning Outcomes</b></p> <p>Student Learning Outcomes:</p> <ol style="list-style-type: none"> <li>1. Apply knowledge of mathematics, science, and engineering to solve advanced-level engineering problems in civil engineering.</li> <li>2. Locate and evaluate pertinent published literature relevant to a given topic, and apply the information gained to a design, analysis, or research effort.</li> <li>3. Organize and deliver effective communications.</li> <li>4. Design a system, component, or process to meet desired needs.</li> <li>5. Design and conduct experiments, and analyze and evaluate the resulting data.</li> </ol>	

Description and justification of the request

Description of specific change	Justification for this change
Reduce the number of hours for the course work only option from 36 to 30	To be consistent with other MS Programs in the college.

Upload attachments

Reviewer Comments **Norman Dennis (ndennis) (09/14/17 9:30 am)**: Revised Description and Justification  
**Alice Griffin (agriffin) (09/14/17 2:59 pm)**: Changed effective date from fall 2017 to fall 2018.  
**Alice Griffin (agriffin) (09/14/17 3:01 pm)**: Changed program review date from spring 2017 to 2023-2024.