REQUIREMENTS FOR THE MASTER OF SCIENCE
GALLOGLY COLLEGE OF ENGINEERING
THE UNIVERSITY OF OKLAHOMA

Academic Year	General Requirements	Program
For Students Entering the Oklahoma State System for Higher Education **Summer 2023 through Spring 2024**	Minimum Total Hours (Thesis) ..... **30** Minimum Total Hours (Non-Thesis) **30**	**Civil Engineering: Structural Engineering** **M190 Q634** Master of Science

All elective courses are subject to the following restrictions: (i) one 3000G course outside CEES may be used toward the degree; (ii) no more than 9 credits of 4000G courses from CEES, including required core courses, may count toward the master's degree; (iii) no more than 12 credits of 4000G courses from all departments, including CEES, may count toward the master's degree; and (iv) no more than 9 hours from departments outside CEES may count toward the master's degree.

Note: The School limits the number of transfer credit hours to nine.

THESIS OPTION

Code	Title	Credit Hours
Core Courses		
CEES 4663	Introduction to Matrix Methods in Structural Analysis	3
or CEES 5683	Dynamics of Structures	
or CEES 5763	Introduction to Finite Element Method	
or AME 5763	Introduction to the Finite Element Method	
CEES 5653	Advanced Mechanics of Materials	3
or CEES 5663	Structural Analysis II	
CEES 5773	Structural Design--Steel II	3
or CEES 5783	Structural Design--Concrete II	
or CEES 5793	Design of Prestressed Concrete Structures	
CEES 5021	Technical Communications	1
Elective Courses		
Choose 15 hours from a list of MSCE electives maintained by the department and approved by the Graduate College. [1]		15
Thesis		
CEES 5980	Research for Master's Thesis	5
Total Credit Hours		**30**

[1]MSCE students may choose elective courses in civil engineering, environmental engineering, environmental science, mathematics, meteorology, computer science, and/or related subjects. Graduate courses not listed here may also be used as electives with the advisor's prior approval.

NON-THESIS OPTION

The Non-Thesis degree is a coursework-only degree; a Non-Thesis examination is not required.

Code	Title	Credit Hours
Core Courses		
CEES 4663	Introduction to Matrix Methods in Structural Analysis	3
or CEES 5683	Dynamics of Structures	
or CEES 5763	Introduction to Finite Element Method	
or AME 5763	Introduction to the Finite Element Method	
CEES 5653	Advanced Mechanics of Materials	3
or CEES 5663	Structural Analysis II	
CEES 5773	Structural Design--Steel II	3
or CEES 5783	Structural Design--Concrete II	
or CEES 5793	Design of Prestressed Concrete Structures	
Elective Courses		
Choose 21 hours from a list of MSCE electives maintained by the department and approved by the Graduate College. [1]		21
Total Credit Hours		**30**

[1]MSCE students may choose elective courses in civil engineering, environmental engineering, environmental science, mathematics, meteorology, computer science, and/or related subjects. Graduate courses not listed here may also be used as electives with the advisor's prior approval.

GENERAL REQUIREMENTS FOR ALL MASTER'S DEGREES

The master's degree requires the equivalent of *at least* two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.

All coursework applied to the master's degree must carry graduate credit.

Master's degree programs which require a thesis consist of *at least* 30 credit hours. All non-thesis master's degree programs require *at least* 30 credit hours.

Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.

Courses completed through correspondence study may *not* be applied to the master's degree.

To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

Additional information for master's degree students may be found in the Graduate College Bulletin.

More information in the catalog: (http://ou-public.courseleaf.com/gallogly-engineering/civil-engineering-environmental-science/structural-engineering-master-science/).