REQUIREMENTS FOR THE MASTER OF ENVIRONMENTAL 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 2024 through Spring 2025**	Minimum Total Hours (Non-Thesis) **30**	**Hydrology and Water Security (Online)** **M518** Master of Environmental Science

REQUIRED COURSES

The requirements listed on the degree check sheet apply to the following concentrations in Hydrology and Water Security (Online):

- Water Management M518 Q702
- Water Quantity M518 Q703
- Water Quality M518 Q704

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

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

Code	Title	Credit Hours
Required Courses		
ENGR 4223	Fundamentals of Project Management	3
CEES 5583	Water Law	3
CEES 5733	Hydroclimatology	3
GIS 5013	Fundamentals of Geographic Information Systems	3
METR 5633	Hydrometeorology	3
Degree Emphasis		
Choose one of the following:		9
Water Management		
Water Quantity		
Water Quality		
Electives		
Concentration/Track Elective from a list maintained by the department and approved by the Graduate College		3
Free Elective from a list maintained by the department and approved by the Graduate College [1]		3
Total Credit Hours		**30**

1 Students can also take core courses from the other tracks as electives, provided they have the proper prerequisites.

WATER MANAGEMENT

Code	Title	Credit Hours
CEES 5103	Water Policy and Institutions	3
CEES 5963	Water Security	3
CEES 5973	Fundamental Hydrology	3
Total Credit Hours		**9**

WATER QUANTITY

Code	Title	Credit Hours
CEES 5373	Water Resources Systems Modeling	3
CEES 5843	Hydrology	3
CEES 5853	Groundwater and Seepage	3
Total Credit Hours		**9**

WATER QUALITY

Code	Title	Credit Hours
CEES 5113	Water Management Chemistry	3
CEES 5843	Hydrology	3
GEOL 6633	Aqueous Geochemical Modeling	3
Total Credit Hours		**9**

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/environmental-science-hydrology-water-security-online-master-environmental-science/).