

**REQUIREMENTS FOR THE MINOR**  
**GALLOGLY COLLEGE OF ENGINEERING**  
**THE UNIVERSITY OF OKLAHOMA**

Academic Year
For Students Entering the Oklahoma State System for Higher Education Summer 2024 through Spring 2025

General Requirements	
Minimum Total Credit Hours .....	18
Minimum Upper-Division Hours .....	9

Program
<b>Water and Sanitation for Health and Sustainable Development</b>
N861
Minor

The requirements for a minor must be completed concurrently with the major degree requirements.

No minor may be added by completing courses after receiving the bachelor's degree.

Students must declare their intention to seek this minor by completing a short (one-page) application and meet with an Engineering advisor. As part of the application, the student must submit a one-page essay in response to the question: "Why I wish to pursue a minor in Water and Sanitation for Health and Sustainable Development."

At least 9 credit hours will be in upper division courses (3000 or 4000 level).

A minimum of six (6) hours of elective coursework must be taken from outside the student's major area of study.

Elective courses may require additional prerequisites for admission. Students are responsible for identifying and completing those prerequisites.

A minimum grade of C is required in all courses which are applied to the minor.

Students must achieve a minimum 2.75 GPA (OU and overall) in the minor coursework.

Students must complete prerequisites for all courses.

### REQUIRED COURSES

Code	Title	Credit Hours
<b>Core Courses <sup>1</sup></b>		
CEES 4243	Water Technologies for Emerging Regions (G) (Spring)	3
CEES 4273	WaTER Technical Field Methods (G) (May/Early Summer)	3
CEES 3422	Intercultural Immersion Experience in an Emerging Region	2
CEES 3251	WaTER Center Integrated Seminar	1
<b>Tracks</b>		
Choose 9 hours from at least 2 of the following tracks pre-approved by advisor:		9
Track 1: Engineering & Technology, Natural and Physical Sciences		
Track 2: Policy, Economics, and Business		
Track 3: Social/Cultural/Behavioral Sciences		
<b>Total Credit Hours</b>		<b>18</b>

<sup>1</sup> It is preferred that the core courses are completed in the following order.

### TRACK 1: ENGINEERING & TECHNOLOGY, NATURAL AND PHYSICAL SCIENCES

Code	Title	Credit Hours
CEES 5020	Special Topics in Civil Engineering <sup>1</sup>	1-6
BSE 5113	Principles of Epidemiology (OUHSC)	3
CEES 5363	Ecological Engineering Science (G)	3
ENGR 4513	Introduction to Sustainable Engineering	3
GEOG 3233	Principles of Sustainability	3
GEOG 4293	Hydrologic Science	3
Or similar course(s) with advisor approval		

<sup>1</sup> Course recommended to fulfill the elective requirements.

### TRACK 2: POLICY, ECONOMICS, AND BUSINESS

Code	Title	Credit Hours
ENT 3193	Social Entrepreneurship <sup>1</sup>	3
IAS 3323	The Political Economy of Development	3
HSTM 3483	Technology, Politics, and International Development	3
Upper-level language course (beyond that required by OU)		
Or similar course(s) with advisor approval		

<sup>1</sup> Course recommended to fulfill the elective requirements.

### TRACK 3: SOCIAL/CULTURAL/BEHAVIORAL SCIENCES

Code	Title	Credit Hours
ANTH 4303	Women and Development in Africa <sup>1</sup>	3
ANTH 3423	Anthropology of Religion	3
IAS 2003	Understanding the Global Community	3
GEOG 3443	Environment and Society	3
Upper-level language course (beyond that required by OU)		
Or similar course(s) with advisor approval		

<sup>1</sup> Course recommended to fulfill the elective requirements.

Minors are available to all undergraduate students at OU. If the minor is officially declared, successfully completed, and noted on the graduation application, the student's transcript will so indicate at the time the bachelor's degree is posted.

More information in the catalog: (<http://ou-public.courseleaf.com/gallogly-engineering/civil-engineering-environmental-science/water-sanitation-health-sustainable-development-minor/>).