

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

**GENERAL REQUIREMENTS**

Minimum Total Hours . . . . . **18**  
 Minimum OU & Overall Retention Grade Point Average in Minor **2.75**

Water and Sanitation for  
 Health and Sustainable  
 Development Minor  
 N861

**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.**

**REQUIRED COURSES**

Nine (9) hours from the list of core courses to be completed in the following order (preferred):

CEES 4243G, WaTER Technologies for Emerging Regions (Spring)	3
CEES 4273G, WaTER Technical Field Methods (May/Early Summer)	3
CEES 3422, Intercultural Immersion Experience in an Emerging Region	2
CEES 3251, WaTER Center Integrated Seminar	1

Nine (9) hours from the following courses in at least 2 tracks pre-approved by advisor: 9

**Track 1: Engineering & Technology, Natural and Physical Sciences:**

- \*CEES 5020, Research Methods in Global Health
- BSE 5113, Principles of Epidemiology (OUHSC)
- CEES G5363, Ecological Engineering Science
- ENGR 4513, Introduction to Sustainable Engineering
- GEOG 3233, Principles of Sustainability
- GEOG 4293, Hydrologic Science

**Track 2: Policy, Economics, and Business:**

- \*ENT 3193, Fundamentals of Social Entrepreneurship
- IAS 3063, Politics of Developing Countries
- IAS 3323, The Political Economy of Development
- HSCI 3483, Technology, Politics, and International Development
- Upper-level language course (beyond that required by OU)

**Track 3: Social/Cultural/Behavioral Sciences:**

- \*ANTH 4303, Women & Development in Africa
- ANTH 3423, Anthropology of Religion
- IAS 2003, Understanding Global Communities
- GEOG 3443, Environment and Society
- GEOG 4433, Cultural and Political Ecology
- Upper-level language course (beyond that required by OU)

OR similar course(s) with advisor approval

\*Courses recommended to fulfill the elective requirements.

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Students must complete pre-requisites for all courses.

- 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 pre-requisites for admission. Students are responsible for identifying and completing those pre-requisites.
- A minimum grade of C is required in all courses which are applied to the minor.

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.