

# ENVIRONMENTAL ENGINEERING MINOR

**Banner Code: EENG**

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Website: <https://volgenau.gmu.edu/program/environmental-engineering-minor>

Students with engineering majors in CEIE (<https://catalog.gmu.edu/colleges-schools/engineering-computing/engineering/civil-environmental-infrastructure/civil-infrastructure-engineering-bs/>), BIOE (<https://catalog.gmu.edu/colleges-schools/engineering-computing/engineering/bioengineering/bioengineering-bs/>), SEOR (<https://catalog.gmu.edu/colleges-schools/engineering-computing/engineering/systems-operations-research/systems-industrial-engineering-bs/>), and non-engineering majors in Biology (<https://catalog.gmu.edu/colleges-schools/science/biology/#programstext>), Chemistry (<https://catalog.gmu.edu/colleges-schools/science/chemistry-biochemistry/#programstext>), Environmental Science and Policy (<https://catalog.gmu.edu/colleges-schools/science/environmental-policy/#programstext>), Geography and Geoinformation Science (<https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/#programstext>), and Geology (<https://catalog.gmu.edu/colleges-schools/science/atmospheric-oceanic-earth-sciences/geology-ba/>) are especially encouraged to consider this offering. The minor prepares students through additional coursework for subsequent graduate studies in water and environmental engineering at Mason or elsewhere, and for employment in environmental engineering, although the minor by itself does not constitute an engineering qualification.

or CLIM 319	Air Pollution	
or GGS 302	Global Environmental Hazards	
or CHEM 438	Atmospheric Chemistry	
CEIE 452	Climate Change Engineering and Policy	3
or CEIE 441	Engineering for Climate Adaptation	
or CEIE 445	Flood Hazards Engineering and Adaptation	
or ME 425	Renewable Energy Engineering	
or EVPP 442	Urban Ecosystems and Processes	
<b>Total Credits</b>		<b>15</b>

## Admissions & Policies

### Policies

Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see AP.5.3.4 Minors (<https://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

## Requirements

### Minor Requirements

Total credits: 15

#### Coursework

Code	Title	Credits
CEIE 241	Hydraulics	3
CEIE 355	Environmental Engineering and Science	3
CEIE 450	Environmental Engineering Systems	3
or CEIE 440	Water Supply and Distribution	
or CEIE 453	Water and Wastewater Treatment Processes	
or CEIE 454	Water and Sanitation in Low-income Communities	
CEIE 451	Air Pollution Formation and Control	3