

# 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 (<http://catalog.gmu.edu/colleges-schools/engineering-computing/engineering/civil-environmental-infrastructure/civil-infrastructure-engineering-bs/>), BIOE (<http://catalog.gmu.edu/colleges-schools/engineering-computing/engineering/bioengineering/bioengineering-bs/>), SEOR (<http://catalog.gmu.edu/colleges-schools/engineering-computing/engineering/systems-operations-research/systems-industrial-engineering-bs/>), and non-engineering majors in Biology (<http://catalog.gmu.edu/colleges-schools/science/biology/#programstext>), Chemistry (<http://catalog.gmu.edu/colleges-schools/science/chemistry-biochemistry/#programstext>), Environmental Science and Policy (<http://catalog.gmu.edu/colleges-schools/science/environmental-policy/#programstext>), Geography and Geoinformation Science (<http://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/#programstext>), and Geology (<http://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.

EVPP 378	RS: Ecological Sustainability (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
or EVPP 442	Urban Ecosystems and Processes	
GGS 302	Global Environmental Hazards	3
or CLIM 319	Air Pollution	
PHYS 331	Physics of Renewable Energy	3
or ME 425	Renewable Energy Engineering	
<b>Total Credits</b>		<b>20</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 (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

## Requirements

### Minor Requirements

Total credits: 20

#### Coursework

Code	Title	Credits
CEIE 241	Hydraulics	3
CEIE 242	Hydraulics Laboratory	1
CEIE 355	Environmental Engineering and Science	3
CEIE 450	Environmental Engineering Systems	3
or CEIE 453	Water and Wastewater Treatment Processes	
or CHEM 427	Aquatic Environmental Chemistry	
or CHEM 438	Atmospheric Chemistry	