

ENVIRONMENTAL SCIENCE MAJOR: (BS PROGRAM) GEOSCIENCE-CHEMISTRY CONCENTRATION



2015-2016 Catalog
Declaration of Major

EDGEWOOD COLLEGE

Name: _____ ID: _____

Major Advisor Approval: _____ Date: _____

Department Chair Approval: _____ Date: _____

Intended Graduation Month: January August May Intended Graduation Year: _____

THIS FORM IS TO ADD/DECLARE A MAJOR. IF YOU WISH TO DROP/REMOVE A PREVIOUSLY DECLARED MAJOR, YOU MUST SUBMIT A SEPARATE MAJOR DECLARATION DROP FORM. THIS FORM IS AVAILABLE AT REGISTRAR.EDGEWOOD.EDU

Requirements for the Environmental Science major include 10 core credits and 27-29 credits in the Geoscience-Chemistry Concentration. This concentration totals 51-53 credits.

Major Requirements:

Transfer credit applied (including AP/CLEP/etc):

Core Courses for the Major:

Course / Institution

BIO 151	ESU	General Biology: Cell Biology and Ecology*	
		OR	
BIO 181	ESU	Honors General Biology: Cell Biology and Ecology*	
ENVS 216/ GEOS 206	EV	Environmental Geology	
ENVS 250	EV	Introduction to Environmental Science	

Geoscience-Chemistry Concentration:

Courses required for concentration (27-29 credits):

CHEM 120	S	General Chemistry I*	
CHEM 121	S	General Chemistry II*	
CHEM 115	S	Chemistry of Energy & Society	
		OR	
CHEM 200	2E	Green and Sustainable Chemistry*	
CHEM 351	U	Analytical Chemistry*	
CHEM 480	K	Chemistry Seminar*	
GEOS 102	S	Introduction to Earth Science*	
GEOS 203	S	Historical Geology*	

GEOS 301	S	Weather and Climate*	
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One of the following Mathematics courses:

MATH 114A	M	Precalculus A: College Algebra*	
MATH 114B		Precalculus B: Trigonometry*	
MATH 231	M	Calculus I*	

14 elective credits, to include at least two 300+ level courses in Chemistry or Geoscience

BIO 152	S	General Biology: Genetics and Evolution*	
		OR	
BIO 182	S	Honors General Biology: Information Flow in Living Systems*	
BIO 204		Field Biology	
BIO 206	EV	Natural Communities of Wisconsin	
BIO 275	E	Dendrology: Trees and Shrubs of Wisconsin	
BIO 292		Biology Excursions*	
BIO 312	S	Microbiology*	
BIO 333	E	Ecological History of Civilization*	
BIO 351		Organismal Botany*	
BIO 352		Organismal Zoology*	
BIO 401		Genetics*	
BIO 425		Animal Physiology*	
BIO 430	S	Animal Behavior*	
CHEM 200	2E	Green and Sustainable Chemistry*	
CHEM 471		Inorganic Chemistry II*	
GEOS 103	S	Oceans & Atmosphere*	
GEOS 265	E	Environmental Conservation	
GEOS 266		Mapping Wisconsin	
GEOS 292		Geoscience Excursions*	
GEOS 379/479		Independent Study in Geoscience*	
GEOS 469		Special Topics in Geoscience*	

**course has prerequisites*

Policies:

Transfer students must take a minimum of 12 biology credits (for Biology Concentration) or 12 geoscience/chemistry credits (for Geoscience-Chemistry Concentration) at Edgewood College.

Students with specific goals for careers or post-graduate study may be advised to take some courses at the University of Wisconsin-Madison through Edgewood College’s Collaborative Program.

Geoscience-Chemistry Concentration students must maintain a GPA of **2.5** in geoscience and chemistry courses. A Geoscience or Chemistry course in which the student receives a grade below “CD” will not be accepted toward the Geoscience-Chemistry Concentration.