

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

Preparation Date **13-Nov-19** Curriculum Bulletin _____

Effective Date **Fall 2019/20** Approved by EPC _____

Department **GEOL**
 College **AS - Arts and Sciences**
 Degree **Minor (non degree)**
 Program Name **Environmental Geology** Program Banner Code **EGEO**
 Concentration(s) _____ Concentration(s) Banner Code(s) _____
 Proposal **Establish program**

Description of proposal:

This action is to create a new Minor in Geology entitled Environmental Geology. This would provide the benefit of some Environmental Geology curricula to those students who do not want to pursue a full Environmental Geology concentration in the major.

Does proposed revision change program's total credit hours? Yes No

Current total credit hours: _____ Proposed total credit hours _____



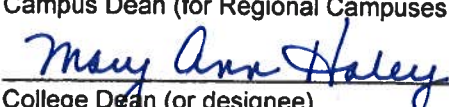
Describe impact on other programs, policies or procedures (e.g., duplication issues; enrollment and staffing considerations; need; audience; prerequisites; teacher education licensure):

The proposed Minor will have no fiscal or facilities impact. There will be no need for additional staff although course enrollments will probably increase a bit. The audience will be those students who are interested in environmental earth science but do not want to enroll in the Geology Major.

Units consulted (other departments, programs or campuses affected by this proposal):

Geography, Biological Sciences,

REQUIRED ENDORSEMENTS

	<u>11/13/19</u>
Department Chair / School Director	
	<u> / / </u>
Campus Dean (for Regional Campuses proposals)	
	<u>12/13/19</u>
College Dean (or designee)	
_____	<u> / / </u>
Dean of Graduate Studies (for graduate proposals)	
_____	<u> / / </u>
Senior Vice President for Academic Affairs and Provost (or designee)	

Proposal Summary Establish Minor in Environmental Geology

Description of Action, Including Intended Effect

This action is to create a new Minor in Geology entitled Environmental Geology. This would provide the benefit of some Environmental Geology curricula to those students who do not want to pursue the full concentration in Environmental Geology.

Impact on Other Programs, Course Offerings, Students, Faculty, Staff (e.g., duplication issues)

The curriculum for the Environmental Geology minor will involve no additional courses beyond what is available for the concentration in Environmental Geology.

Fiscal, Enrollment, Facilities and Staffing Considerations

The proposed Minor will have no fiscal or facilities impact. There will be no need for additional staff although course enrollments will probably increase a bit.

Evidence of Need and Sustainability if Establishing

The Environmental Geology concentration was established in Geology in August 2010. Since then about 50% of newly declared Geology majors select the Environmental Geology concentration, but only 20-25% graduate with that concentration in the Geology major. Thus there is a strong interest in Environmental Geology which this minor will help to sustain. Additionally, this new minor gives an opportunity for non-majors to pursue an interest in environmental geology that is more focused than the current geology minor.

Provisions for Phase-Out if Inactivating

NA

Timetable and Actions Required: *a chronology of actions required to approve the proposal with an anticipated implementation date for each action*

Fall 2019	Department Approval
Fall 2019	A&S CCC Approval
Fall 2019	EPC/Faculty Senate Approval
Fall 2020	Effective Date

Environmental Geology minor

Kent State University 2020 Catalog

College College of Arts and Sciences**Department** Department of Geology 221 McGilvrey Hall

Tel: 330-672-2680

E-mail: geology@kent.edu

Web: <https://www.kent.edu/geology>

The Environmental Geology minor prepares students to integrate concepts and knowledge of environmental geology and to communicate these issues to a variety of audiences, including policymakers and the public. Scientific knowledge about Environmental Geology processes is used to inform different areas of formal study such as anthropology, architecture, geography, political science, environmental law, environmental studies, and recreation and park management. Students will gain broad knowledge of geology, and the environmental impacts of anthropogenic-induced change on the earth in the immediate short-term and over longer periods. Competencies focus on human-water-rock interactions at Earth's surface (the critical zone).

Fully offered at:

Kent Campus

Stark Campus

Admission Requirement: minimum 2.0 GPA is required to declare this minor.**Graduation Requirement:** minimum 2.0 GPA in minor is required.

Attribute Legend: **DD** Diversity-Domestic; **DG** Diversity-Global; **ELR** Experiential Learning; **KAD** Kent Core Additional; **KBS** Kent Core Basic Sciences; **KCM** Kent Core Composition; **KFA** Kent Core Fine Arts; **KHU** Kent Core Humanities; **KMC** Kent Core Mathematics and Critical Reasoning; **KSS** Kent Core Social Sciences; **WIC** Writing Intensive

Please read the sections in the University Catalog on Kent Core, diversity, writing-intensive and the experiential learning requirements.

Attribute	Course	Title	Credits
KBS	GEOL 21062	Environmental Earth Science	3
KBS	GEOL 11040	How the Earth Works or	
KBS	GEOL 21080	All About the Oceans	3
	GEOL 33025	Water and the Environment	3
Two from the following electives¹			6-7
	GEOL 44025	Geologic Hazards	3
	GEOL 42035	Scientific Methods in Geology	3
	GEOL 42030	Remote Sensing	3
	GEOL 32066	Geomorphology ^	4
	GEOL 44074	Paleoceanography	3
	GEOL 44072	Marine Processes (new F20)	3
	GEOL 41082	Mass Extinctions (new F20)	3
	GEOL 40380	Biogeochemistry (new F20)	3

¹ Other relevant courses may be substituted in consultation with an advisor.

^ Exception to requirement of Geol 11041.

Total Credits**15-16**

GEOL
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