

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

Preparation Date **12-Jul-19** Curriculum Bulletin _____
 Effective Date **Fall 2019** Approved by EPC _____

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

Description of proposal:

This action is to create a new Minor in Environmental Studies. This would provide the benefit of some Environmental Studies curricula to those students who do not want to pursue an entire major program. Credit hours are 18-20.



Does proposed revision change program's total credit hours? Yes No
 Current total credit hours: **120** Proposed total credit hours **120**

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 studies but do not want to enroll in the full Major.

Units consulted (other departments, programs or campuses affected by this proposal):
Geology, Biological Sciences, Sociology

REQUIRED ENDORSEMENTS

 Department Chair / School Director	9/11/19
_____ Campus Dean (for Regional Campuses proposals)	____/____/____
 College Dean (or designee)	9/27/19
_____ Dean of Graduate Studies (for graduate proposals)	____/____/____
_____ Senior Vice President for Academic Affairs and Provost (or designee)	____/____/____

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Proposal Summary

Establish Minor in Environmental Studies

Description of Action, Including Intended Effect

This action is to create a new Minor in Environmental Studies. This would provide the benefit of some Environmental Studies curricula to those students who do not want to pursue an entire major program.

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

The curriculum for the Minor in Environmental Studies will involve no additional courses beyond what is available for the Major in Environmental Studies. It mirrors the interdisciplinarity of that program with courses in both science and social science departments.

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 Studies Major was established in August 2017. Since then it has experienced considerable growth to where it now has over 100 students as majors. We have heard from many other students that they wish a Minor was available since they are unable to enroll in the full Major. We believe that this Minor will fill a significant niche for many of these students. Like the Major, we expect rapid growth upon its introduction.

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

Proposed Environmental Studies Minor

ENVS 22070	Nature and Society	3
GEOL 21062	Env. Earth Science <i>or</i>	
BSCI 10110	Biological Diversity	3-4
One Natural Science Elective (from list below)		3-4
BSCI 30277	Economic Botany	3
BSCI 30360	General Ecology	4
BSCI 30274	Forestry	3
BSCI 40525	Wildlife Resources	3
GEOL 42065	Watershed Hydrology	3
GEOL 42066	Physical Hydrogeology	3
GEOL 33025	Water and the Environment	3
GEOG 41066	Climate Change and its Impact	3
GEOG 41073	Conservation of Natural Resources	3
GEOG 41074	Resource Geography	3
GEOG 41082	Geography of Soils	3
Three Social Science Electives (from list below but only 2 of 3 in same field)		9
PACS 35050	or	
POL 30350	Environmental Conflict Resolution	3
ECON 32084	Economics of Environment	3
ENVS 30000	Environmental Protection, Regulations and Assessment	3
ENVS 46092	Internship <i>in Environmental Studies</i>	3
GEOG 31070	Population and Environment	3
GEOG 42064	Settling the North American Environment	3
GEOG 45085	Urban Transportation	3
GEOG 46070	Urban and Regional Planning	3
GEOG 46080	Urban Sustainability	3
PHIL 30025	Environmental Ethics	3
POL 40440	US Environmental Politics	3
POL 40540	Politics of Development	3
SOC 42560	Sociology of Food	3
Total Credits		18-20

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Environmental Studies

Kent State University 2020 Catalog

College College of Arts and Sciences

Department Department of Geography 413 McGilvrey Hall

Tel: 330-672-2045

E-mail:

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

The Environmental Studies minor prepares students to integrate concepts and knowledge on environmental issues from across multiple disciplines and to communicate about these in important ways. Basic scientific knowledge about environmental processes is used to inform different social goals. Students will develop competencies in earth systems science, environmental social science, human-natural systems and sustainability science to be able to solve specific environmental problems.

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
	ENVS 22070	Nature and Society	3
KBS	GEOL 21062	Environmental Earth Science <i>or</i>	
KBS	BSCI 10110	Biological Diversity	3-4
One Natural Science Elective (from list below)			3-4
	BSCI 30277	Economic Botany	3
	BSCI 30360	General Ecology	4
	BSCI 30274	Forestry	3
ELR	BSCI 40525	Wildlife Resources	3
	GEOL 42065	Watershed Hydrology	3
	GEOL 42066	Physical Hydrogeology	3
	GEOL 33025	Water and the Environment	3
	GEOG 41066	Global Climate Change	3
	GEOG 41073	Conservation of Natural Resources	3
	GEOG 41074	Resource Geography	3
	GEOG 41082	Geography of Soils	3
Three Social Science Electives (from list below but only 2 of 3 in same field)			9
	PACS 35050	<i>or</i>	
	POL 30350	Environmental Conflict Resolution	3
	ECON 32084	Economics of Environment	3
	ENVS 30000	Environmental Protection, Regulations and Assessment	3
ELR	ENVS 46092	Internship <i>in Environmental Studies</i>	3
	GEOG 31070	Population and Environment	3
	GEOG 42064	Settling the North American Environment	3

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GEOG	45085	Urban Transportation	3
GEOG	46070	Urban and Regional Planning	3
GEOG	46080	Urban Sustainability	3
PHIL	30025	Environmental Ethics	3
POL	40440	US Environmental Politics and Policies	3
POL	40540	Politics of Development	3
SOC	42560	Sociology of Food	3

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HERDINA, LORNA

From: SHERIDAN, SCOTT
Sent: Monday, August 12, 2019 3:25 PM
To: KAPLAN, DAVID
Subject: ENVS

Hi Dave,

I have enough FAC positive responses, so go forward with the proposal. Thanks,

Scott

Scott Sheridan, Ph.D.

Editor-in-Chief, *International Journal of Biometeorology*

Associate Editor, *Science of the Total Environment*

Vice President, International Society of Biometeorology

Professor and Departmental Chair

Department of Geography, Kent State University, Kent, Ohio 44242 USA

<http://sheridan.geog.kent.edu/>

HERDINA, LORNA

From: Adams, Richard
Sent: Wednesday, July 17, 2019 12:16 PM
To: KAPLAN, DAVID
Cc: ROXBURGH, SUSAN; TONTODONATO, PAMELA; STACEY, CLARE
Subject: RE: Approval of Minor

Hi Dave,

I have reviewed the materials for the Environmental Studies minor. I approve of it moving forward and give it my strong support. Please let me know if you need something more from me about this.

Thanks,

Dick

From: STACEY, CLARE <cstacey@kent.edu>
Sent: Monday, July 15, 2019 11:30 AM
To: Adams, Richard <radams12@kent.edu>
Cc: ROXBURGH, SUSAN <sroxburg@kent.edu>; TONTODONATO, PAMELA <ptontodo@kent.edu>
Subject: FW: Approval of Minor

Here are the docs, Dick. Thanks for reviewing.

Clare

From: "ROXBURGH, SUSAN" <sroxburg@kent.edu>
Date: Friday, July 12, 2019 at 4:22 PM
To: "TONTODONATO, PAMELA" <ptontodo@kent.edu>, "STACEY, CLARE" <cstacey@kent.edu>
Subject: FW: Approval of Minor

Hi,

Please see below.

Thanks,

-Sue

From: KAPLAN, DAVID <dkaplan@kent.edu>
Sent: Friday, July 12, 2019 3:47 PM
To: Blackwood, Chris <cblackwo@kent.edu>; ROXBURGH, SUSAN <sroxburg@kent.edu>; ORTIZ, JOSEPH <jortiz@kent.edu>
Cc: Post, Christopher <cpost2@kent.edu>
Subject: Approval of Minor

Hi Chris, Susan, Joe –

Here are the final documents for the Environmental Studies minor that we as a committee approved. Now what I need from your department is departmental approval. Please forward to whomever is the responsible undergrad coordinator, mention that you have already approved as a member of the ENVIS committee, and then ask them to send me directly a memo indicating approval for this minor.

It should not be too complex; I just want to get this to the CCC before the month is out.

Thanks! I appreciate it.

Dave

David H. Kaplan
Professor of Geography
Director of Environmental Studies
Graduate Coordinator
Kent State University
Editor-in-Chief Geographical Review
Editor, National Identities
President, American Association of Geographers
Kent, OH 44242
330-672-3221
Twitter dhkaplanoh

HERDINA, LORNA

From: ORTIZ, JOSEPH
Sent: Thursday, August 08, 2019 12:16 PM
To: KAPLAN, DAVID
Cc: HOLM, DANIEL
Subject: Re: Approval of Minor

David,

Thanks very much. These revisions make sense to me, so let's go ahead and get this in for CCC.

Best,
Joe

~~~~~  
Dr. Joseph D. Ortiz  
Professor and Assistant Chair  
Department of Geology

Ohio Space Grant Consortium Campus Representative

221 McGilvrey Hall  
Kent State University  
Kent OH 44242  
<http://earthsci.info>  
phone: 330-672-2225  
fax: 330-672-7949  
jortiz@kent.edu

~~~~~

From: "KAPLAN, DAVID" <dkaplan@kent.edu>
Date: Thursday, August 8, 2019 at 12:15 PM
To: Joseph Ortiz <jortiz@kent.edu>
Cc: "HOLM, DANIEL" <dholm@kent.edu>
Subject: RE: Approval of Minor

Hi Joe,

Thanks – we can make the switch to GEOL 42066. The other two courses are listed that way in the major but you are correct about Physical Geog and Natural Disasters being in the Social concentration in the Geography major. But I don't want to move anything since students may question the different placement between major and minor and so I will just remove them.

Revised versions are here.

Dave

From: ORTIZ, JOSEPH <jortiz@kent.edu>
Sent: Thursday, August 8, 2019 11:01 AM
To: KAPLAN, DAVID <dkaplan@kent.edu>

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Subject: FW: Approval of Minor

Importance: High

Hi David,

Daniel and I had a chance to go over the minor and have the following to pass along.

For the 'Choose 1 course in Natural Science area':

- 1) We no longer offer Geol 42067 Intro. Hydrogeology. Instead we now offer Geol 42066 Physical Hydrogeology, so please make that substitution
- 2) Physical Geography (Geog 21062) is the only 20k level course in this list, which seems like a mis-match with the others. And it's the only course KBS course on this list. We think it may be really too general and too basic for the Env. Studies minor - compared to the others courses listed in this area. Can you suggest a higher level replacement or remove it from the list?
- 3) Geog 41051 (Nat. Disasters and Society) is a Social Science course (note that it is part of Geography's Social concentration). We think that Geog 41051 should be listed in the 'choose 2 courses in Social Science area and that Geol 44025 Geol. Hazards and Disasters is better suited for this Natural Science area.

Otherwise, we are supportive of the proposal.

We are also planning to develop an Environmental Earth Science minor, which we will pass along to you for input as well.

Best,
Joe

~~~~~  
 Dr. Joseph D. Ortiz  
 Professor and Assistant Chair  
 Department of Geology

Ohio Space Grant Consortium Campus Representative

221 McGilvrey Hall  
 Kent State University  
 Kent OH 44242  
<http://earthsci.info>

phone: 330-672-2225  
 fax: 330-672-7949  
 jortiz@kent.edu

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On Aug 3, 2019, at 4:01 PM, KAPLAN, DAVID <dkaplan@kent.edu> wrote:

Hi Joe (and Dan),

Just re-sending this request. I have all the approvals from Biology and Sociology. I figured I'd try to get this into the first CCC meeting.

Thanks, Dave

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**From:** KAPLAN, DAVID  
**Sent:** Friday, July 12, 2019 3:47 PM  
**To:** Blackwood, Chris; ROXBURGH, SUSAN; ORTIZ, JOSEPH  
**Cc:** Post, Christopher  
**Subject:** Approval of Minor

Hi Chris, Susan, Joe –

Here are the final documents for the Environmental Studies minor that we as a committee approved. Now what I need from your department is departmental approval. Please forward to whomever is the responsible undergrad coordinator, mention that you have already approved as a member of the ENVIS committee, and then ask them to send me directly a memo indicating approval for this minor.

It should not be too complex; I just want to get this to the CCC before the month is out.

Thanks! I appreciate it.

Dave

David H. Kaplan  
Professor of Geography  
Director of Environmental Studies  
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<Proposed Environmental Studies Minor.docx>

<Cat Copy Environmental Studies Minor.docx>

<proposal-summary-program Minor in Environmental Studies.docx>

<ccp-programs, ENVIS minor.doc>

## HERDINA, LORNA

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**From:** LEFF, LAURA  
**Sent:** Saturday, August 03, 2019 2:56 PM  
**To:** FRAIZER, GAIL  
**Cc:** VENEY, SEAN; KAPLAN, DAVID; Blackwood, Chris  
**Subject:** Re: Approval of Minor - Environmental Studies

Thanks for your message and explanation. Please proceed with providing the requested memo

Best wishes

LL

Sent from my iPhone

On Aug 2, 2019, at 5:20 PM, FRAIZER, GAIL <[gfrazier@kent.edu](mailto:gfrazier@kent.edu)> wrote:

Hi Laura,

As you recall the UGCC approved the proposal for the Environmental Studies major (April 2016) and I gather the major has been successful.

As per the summary sheet provided by Dr. Kaplan:

**"The Environmental Studies Major was established in August 2017. Since then it has experienced considerable growth to where it now has over 100 students as majors. We have heard from many other students that they wish a Minor was available since they are unable to enroll in the full Major. We believe that this Minor will fill a significant niche for many of these students. Like the Major, we expect rapid growth upon its introduction "**

Since this minor will add no additional courses (continues to be interdisciplinary), it will have no fiscal or other impact on staffing and facilities. SO I would suggest we can offer a letter of support for the minor, without much discussion of UGCC (which is scheduled to convene the last week of August).

If we are able to provide a support letter to Dr. Kaplan, then he will place on early CCC agenda for fall approval and implementation fall 2020.

Please let me know whether you'd like me to supply a formal memo to Dr. Kaplan.

Thanks,  
Gail

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**From:** "Blackwood, Chris" <[cblackwo@kent.edu](mailto:cblackwo@kent.edu)>  
**Date:** Thursday, August 1, 2019 at 9:30 AM  
**To:** "FRAIZER, GAIL" <[gfrazier@kent.edu](mailto:gfrazier@kent.edu)>, "LEFF, LAURA" <[lleff@kent.edu](mailto:lleff@kent.edu)>  
**Cc:** "KAPLAN, DAVID" <[dkaplan@kent.edu](mailto:dkaplan@kent.edu)>  
**Subject:** Fw: Approval of Minor - Environmental Studies

Hi Gail and Laura,

We are just following up about the letter of support for the Environmental Studies minor. Let us know if there are any issues or clarifications needed.

Many thanks,  
Chris

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**From:** Blackwood, Chris  
**Sent:** Monday, July 15, 2019 10:00 AM  
**To:** LEFF, LAURA <[lleff@kent.edu](mailto:lleff@kent.edu)>; FRAIZER, GAIL <[gfrazier@kent.edu](mailto:gfrazier@kent.edu)>  
**Subject:** Fw: Approval of Minor - Environmental Studies

Hello Gail and Laura,  
Please see attached documents from Dave Kaplan regarding a proposed minor in Environmental Studies (complementing the major we already have).

He has asked for a letter of support/approval from participating departments.

Best,  
Chris

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**From:** KAPLAN, DAVID  
**Sent:** Friday, July 12, 2019 3:46 PM  
**To:** Blackwood, Chris; ROXBURGH, SUSAN; ORTIZ, JOSEPH  
**Cc:** Post, Christopher  
**Subject:** Approval of Minor

Hi Chris, Susan, Joe –

Here are the final documents for the Environmental Studies minor that we as a committee approved. Now what I need from your department is departmental approval. Please forward to whomever is the responsible undergrad coordinator, mention that you have already approved as a member of the ENVS committee, and then ask them to send me directly a memo indicating approval for this minor.

It should not be too complex; I just want to get this to the CCC before the month is out.

Thanks! I appreciate it.

Dave

David H. Kaplan  
Professor of Geography  
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GREG  
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