

Date Submitted: 11/18/22 3:54 pm

Viewing: **ENDYPH : Environmental Dynamics,**
Doctor of Philosophy

Last approved: 05/16/20 12:16 pm

Last edit: 11/28/22 8:25 am

Changes proposed by: jkvamme

Catalog Pages Using
this Program

[Environmental Dynamics \(ENDY\)](#)

Submitter:	User ID:	calison	Phone:
575-6731			
Program Status	Active		
Academic Level	Graduate		
Type of proposal	Major/Field of Study		
Select a reason for this modification			
Making Minor Changes to an Existing Certificate, Degree or Program (including 15 or fewer hours, admission/graduation requirements, Focused Studies or Tracks)			
Are you adding a concentration?			
No			
Are you adding or modifying a track?			
No			
Are you adding or modifying a focused study?			
No			
Effective Catalog Year	Fall 2023		
College/School Code	Graduate School and International Education (GRAD)		
Department Code	Environmental Dynamics (ENDY)		

- In Workflow
1. GRAD Dean Initial
 2. GRAD Dean Initial
 3. Director of Curriculum Review and Program Assessment
 4. Registrar Initial
 5. Institutional Research
 6. ENDY Chair
 7. GRAD Dean
 8. Global Campus
 9. Provost Review
 10. Graduate Council
 11. Faculty Senate
 12. Provost Final
 13. Registrar Final
 14. Catalog Editor Final

- Approval Path
1. 11/18/22 4:13 pm
Christa Hestekin (chesteki):
Approved for GRAD Dean Initial
 2. 11/22/22 2:46 pm
Christa Hestekin (chesteki):
Approved for GRAD Dean Initial
 3. 11/23/22 8:44 am
Alice Griffin (agriffin): Approved for Director of Curriculum Review and Program Assessment

4. 11/28/22 8:25 am
Gina Daugherty
(gdaugher):
Approved for
Registrar Initial
5. 11/28/22 11:17 am
Doug Miles
(dmiles): Approved
for Institutional
Research
6. 11/28/22 11:22 am
Christa Hestekin
(chesteki):
Approved for ENDY
Chair
7. 11/28/22 11:22 am
Christa Hestekin
(chesteki):
Approved for GRAD
Dean
8. 11/28/22 12:23 pm
Suzanne Kenner
(skenner): Approved
for Global Campus
9. 11/28/22 12:25 pm
Jim Gigantino
(jgiganti): Approved
for Provost Review
10. 12/19/22 11:27 am
Christa Hestekin
(chesteki):
Approved for
Graduate Council

1. Feb 6, 2017 by Charlie Alison (calison)
2. May 3, 2017 by Charlie Alison (calison)

3. May 14, 2018 by
Peter Ungar
(pungar)
4. May 16, 2020 by
JoAnn Kvamme
(jkkvamme)

03.0104 - Environmental Science.

Program Title

Environmental Dynamics, Doctor of Philosophy

Program Delivery

Method

On Campus

Is this program interdisciplinary?

Yes

College(s)/School(s)

College/School Name

Graduate School (GRAD)

Does this proposal impact any courses from another College/School?

No

What are the total 45
hours needed to
complete the
program?

Program Requirements and Description

Requirements

Requirements for Admission: Applicants should hold a bachelor's or master's degree in a discipline with an environmental focus, such as anthropology; geography; geology; biological sciences; crop, soil and environmental sciences; environmental engineering; environmental economics, policy, or sociology. Further, these students will be required to have at least a 3.0 GPA and strong scores on all components of the Graduate Record Examination (GRE). Admission into the program will be by committee evaluation. In addition to fulfilling the requirements for admission to the Graduate School, applicants must also supply the following materials:

Three recommendations from individuals familiar with the applicant's academic or work history who can give candid assessments of the applicant's ability to perform at the Ph.D. level.

A Statement of Purpose outlining the applicant's plans for the Environmental Dynamics degree program that includes relevance of previous academic or work experience, current research interests or employment that bear

on doctoral research, special skills, fieldwork experience, familiarity with interdisciplinary work (if any), and future career goals.

An example of the applicant’s writing such as a publication reprint, report, major term paper, undergraduate honors thesis, chapter from M.A./M.S. thesis, or similar document that demonstrates the applicant’s organizational skills, research ability, familiarity with a body of literature, ability to report clearly on an academic topic, and/or general writing skills.

English language requirements of the Graduate School.

[GRE scores \(optional but strongly encouraged\).](#)

~~GRE scores~~. Other relevant information that would assist the Admissions Committee in selecting applicants to the program.

Requirements for the Degree: During the first semester of study, all students will be assigned an advisory committee to determine the student’s particular program plan. Students are required to integrate both environmental and human components into their Ph.D. coursework and dissertation research. The advisory committee will determine the courses required and assist the student in balancing courses among disciplines. Students become candidates for the doctorate only upon passing written and oral comprehensive exams. The examination must be passed at least nine months before graduation. If necessary comprehensive exams may be taken a second time at the discretion of the Comprehensive Exam Committee.

Each candidate must complete a doctoral dissertation on a topic determined through collaboration with a major professor and dissertation committee. This dissertation must be a scholarly and significant original contribution to knowledge within the field of Environmental Dynamics.

A final oral examination is required and must be taken at least two weeks before graduation. The examination will be concerned primarily with the candidate’s dissertation but may include other aspects of the graduate work. Individually tailored programs of study will be designed with the expectation that the student will complete requirements for the master’s degree in Environmental Dynamics during the course of study (or enter the Ph.D. Program with an M.A. or M.S. degree in a related field in hand), and a minimum of 24 hours of course work beyond the master’s level, to include four required courses if they haven’t already been taken as part of their M.S. study:

<u>ENDY/GEOS 5113</u>	Global Change	3
<u>ENDY 6013</u>	Environmental Dynamics	3
<u>ENDY/ANTH/GEOS 5053</u>	Quaternary Environments	3
<u>ENDY/ANTH 6033</u>	Society and Environment	3

In addition, students are required to take three semesters of [ENDY 6991](#) Environmental Dynamics Colloquium if they haven't already been taken as part of their M.S. study, and 18 hours of dissertation research are required. Students should also be aware of Graduate School requirements with regard to [doctoral degrees](#).

Are Similar Programs available in the area?

No

Estimated Student Demand for Program

NA

Scheduled Program 2023-2024

Review Date

Program Goals and
Objectives**Program Goals and Objectives**

The original code was Geosciences based and ENDY is much broader than just Geosciences so the Environmental Science CIP fits the more interdisciplinary nature of ENDY. These changes will make the ENDY PhD program compatible with the proposed M.S. in ENDY

Learning Outcomes

Learning Outcomes

Students will have the same interdisciplinary training but now it will be reflected in the CIP which will better match their training.

Description and justification of the request

Description of specific change	Justification for this change
We have now made the GRE optional, but strongly encouraged.	The requirement has been dropped in line with the GRE requirement being dropped by GSIE

Upload attachments

Reviewer Comments

Alice Griffin (agriffin) (11/23/22 8:43 am): Changed effective date from spring 2023 to fall 2023. Program changes can only be implemented with the new catalog publication. Only new programs can become effective mid-year.

Alice Griffin (agriffin) (11/23/22 8:44 am): ATTENTION REGISTRAR: Please remove the Undergraduate Council from the approval workflow.

Alice Griffin (agriffin) (11/23/22 8:44 am): ATTENTION: Due to changes to the admission criteria, this minor program change will require campus approval.

Gina Daugherty (gdaugherty) (11/28/22 8:25 am): Removed Undergraduate Council from workflow.

Key: 255