

Date Submitted: 09/27/19 7:58 am

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

Last approved: 05/14/18 8:54 am

Last edit: 10/04/19 9:05 am

Changes proposed by: jkvamme

Catalog Pages Using  
this Program

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

Submitter: 575-6731      User ID: calison      Phone:

Program Status      Active

Academic Level      Graduate

Type of proposal      Major/Field of Study

Select a reason for this modification

Changing CIP Code--(LON)

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 2020

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. Provost Initial
4. Director of Program Assessment and Review
5. Registrar Initial
6. Institutional Research
7. ENDY Chair
8. GRAD Dean
9. Global Campus
10. Provost Review
11. University Course and Program Committee
12. Graduate Committee
13. Faculty Senate
14. Provost Final
15. Provost's Office-- Documentation sent to System Office
16. Higher Learning Commission
17. Board of Trustees
18. ADHE Final
19. Provost's Office-- Notification of Approval
20. Registrar Final
21. Catalog Editor Final

### Approval Path

1. 09/27/19 8:23 am  
Pat Koski (pkoski):

Program Code           ENDYPH  
 Degree                    Doctor of Philosophy  
 CIP Code

- Approved for GRAD  
 Dean Initial
2. 09/27/19 8:37 am  
 Pat Koski (pkoski):  
 Approved for GRAD  
 Dean Initial
  3. 10/01/19 8:58 am  
 Terry Martin  
 (tmartin): Approved  
 for Provost Initial
  4. 10/02/19 2:30 pm  
 Alice Griffin  
 (agriffin): Approved  
 for Director of  
 Program  
 Assessment and  
 Review
  5. 10/03/19 6:37 pm  
 Lisa Kulczak  
 (lkulcza): Approved  
 for Registrar Initial
  6. 10/04/19 9:05 am  
 Gary Gunderman  
 (ggunderm):  
 Approved for  
 Institutional  
 Research
  7. 10/04/19 9:06 am  
 Pat Koski (pkoski):  
 Approved for ENDY  
 Chair
  8. 10/04/19 9:30 am  
 Pat Koski (pkoski):  
 Approved for GRAD  
 Dean
  9. 10/04/19 9:40 am  
 Suzanne Kenner  
 (skenner): Approved  
 for Global Campus

10. 10/06/19 11:23 am  
 Terry Martin  
 (tmartin): Approved  
 for Provost Review

### History

1. Feb 6, 2017 by  
 Charlie Alison  
 (calison)
2. May 3, 2017 by  
 Charlie Alison  
 (calison)
3. May 14, 2018 by  
 Peter Ungar  
 (pungar)

**03.0104 40.0699 - Environmental Science. Geological and Earth Sciences/Geosciences, Other.**

#### Program Title

Environmental Dynamics, Doctor of Philosophy

#### Program Delivery

##### Method

On Campus

Is this program interdisciplinary?

**Yes** ~~No~~

#### College(s)/School(s)

College/School Name
<b>Graduate School (GRAD)</b>

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

No

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

## Program Requirements and Description

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## Requirements

**Requirements for Admission:** Applicants should hold a **bachelor's or** master's degree in **a discipline with an environmental focus, an environmental field** such as anthropology; geography; geology; biological sciences; crop, soil and environmental sciences; environmental engineering; **environmental economics, policy, or sociology, or in a social science field with an environmental focus (e.g. environmental economics, environmental policy, environmental sociology)**. Further, these students will be required to have at least a **3.0 3.20**-GPA **in graduate courses** and strong scores on all components of the Graduate Record Examination (GRE). **Applicants without the master's degree but with exceptionally strong qualifications may be admitted directly into the ENDY program but must complete the master's requirements.** 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 **three-page** Statement of Purpose outlining the applicant's plans for the ENDY 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.

**TOEFL (Test of English as a Foreign Language) and TSE (Test of Spoken English) scores for international students whose native language is not English. Other GRE scores and 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. of study.** 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 a minimum of 24 hours of course work beyond the master’s degree in ENDY during the course of study (or enter the Ph.D. level, to include four required courses 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 ENDY-6991 Environmental Dynamics Colloquium and 18 hours of their M.S. dissertation research are required. 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 NA

Demand for Program

Scheduled Program **2023-2024 NA**

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 NA**

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. NA**

Description and justification of the request

**Description of specific change**

**Justification for this change**

Description of specific change	Justification for this change
<p>We are changing the CIP to more closely match the interdisciplinary nature of ENDY. We are also making the wording of the program guidelines compatible with the proposed MS in ENDY program being submitted.</p>	<p>The CIP change is necessary since the old code only represented a portion of our interdisciplinary program. Over the years we have a strong presence Anthropology, Biological Sciences, Agriculture, Sustainability, and Architecture. These diverse research interests have the environment at their center so Environmental Science seems like a better match for the program.</p>

#### Upload attachments

[ENDYPH - CIP Code Change - Ltr of Notification.pdf](#)

#### Reviewer Comments

**Alice Griffin (agriffin) (10/02/19 2:15 pm):** Inserted degree code into LON, along with the justification presented here in CourseLeaf. Renamed document to match BOT naming convention. Also, inserted scheduled program review date.

**Gary Gunderman (ggunderm) (10/04/19 9:05 am):** Proposed CIP Code is appropriate and widely used.

Key: 255