UNIVERSITY OF MARY WASHINGTON – PROGRAM CHANGE PROPOSAL

Electronically submit this completed form with attachments in one file to the Chair of the College Curriculum Committee.

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<th>COLLEGE (check one):</th>
<th>Arts and Sciences</th>
<th>Business</th>
<th>Education</th>
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<tbody>
<tr>
<td>Proposal Submitted By: Chuck Whipkey</td>
<td>Date Prepared: 1 – 8 - 2015</td>
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<tr>
<td>Department /Program: Department of Earth and Environmental Sciences/Environmental Sustainability Minor</td>
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Note: for any program change entailing the addition any new courses, or revisions to existing courses, separate proposal for those course actions must also be submitted.

PROPOSAL TO CHANGE EXISTING PROGRAM (check no than one of the following)

| Revise requirements for existing major |
| Revise requirements for a concentration within an existing major |
| Revise requirements for an existing degree program |
| Revise requirements for existing certificate program |
| Revise requirements for existing minor X |
| Implementation Date: FALL semester, year: 2015 |

REQUIRED ATTACHMENTS FOR CHANGES TO EXISTING PROGRAMS:

1. Rationale statement (Why is this program change needed? What purposes will it serve?)
2. Impact Statement (Provide details about the Library, space, budget, technology, and impacts created by this program change. Supporting statements from the Library, IT Department, etc. evaluating the resource impact and feasibility of the program change are required.)
3. Catalog Copy (Provide the existing Catalog Description and the complete statement of the proposed new Catalog description that reflects the program changes)

PROPOSAL TO CREATE NEW PROGRAM NOT REQUIRING STATE ACTION

(check no more that one of the following)

| New concentration within existing major | Name: |
| New minor | Name: |
| New Major but NOT a new degree* | Name: |

*Use ONLY for interdisciplinary majors that will be grouped as part of the “Special Majors/General Liberal Arts and Sciences” degree (CIP Code 24.0101) or reported as a BLS degree (CIP Code 24.0199)

Implementation Date (semester and year): |

REQUIRED ATTACHMENTS FOR NEW PROGRAMS NOT REQUIRING STATE APPROVAL:

1. Rationale statement (Why is this additional program needed? What purposes will it serve?)
2. Impact Statement (Provide details about the Library, space, budget, technology, and impacts created by this program change. Supporting statements from the Library, IT Department, etc. evaluating the resource impact and feasibility of adding the new program are required.)
3. Catalog Copy (Provide the complete Catalog Description for the proposed new program)

Department Chair Approval: Chuck Whipkey Date: 1/8/2015

CCC Chair Approval: Date: 1/16/15

Dean Approval: Date: 

UCC Chair Approval: Date: 

*Provost Approval: Date: 

*Required only in cases of proposals for new concentrations, new minors, or new majors that do not involve a new degree
This is a proposal to allow the following courses to count for elective credit in the Environmental Sustainability Minor:

ANTH 365: Environment and Development Narratives
GEOG 360E: Grassroots Development in Guatemala
PHIL 430: Seminar: Ethics, Environment, and Sustainability
SOCG 354: Environmental Sociology

Rationale: The Environmental Sustainability Minor is designed to encourage students from any major to analyze our natural and social worlds and to examine approaches for resolving critical resources issues for the long-term. To that end, the Minor requires a grounding in basic environmental science principles (EESC 110: Introduction to Environmental Science), environmental challenges (EESC 230: Global Environmental Problems) and the fundamentals of environmental policy (EESC 326: Pollution Prevention Planning or EESC 330: Environmental Regulation Compliance).

In addition to these essential courses, the Minor requires that the student choose at least three courses from a diverse list that involves aspects of sustainability in many different disciplines. By this means, the Minor can be tailored to meet the needs of students from different majors, while still requiring a common background in basic environmental principles.

The Earth and Environmental Sciences Department is proposing to add the following courses to the list of Environmental Sustainability Minor electives. Our department believes that each of these classes is an appropriate elective for the Minor in that each provides a long-term perspective on the changing relationships of humans and their environment, while also meeting the objective of encouraging our students to customize the Minor to suit their interests.

ANTH 365: Environment and Development Narratives (3 cr). Catalog Description: Prerequisite: ANTH 101. This course focuses on the sub-fields of environmental anthropology and the anthropology of development. It examines cross-cultural theories of nature, space and relationality, with a focus on the interface between indigenous societies and Western discourses and practices pertaining to conservation and socioeconomic development.

GEOG 360E: Grassroots Development in Guatemala (3 cr). From the syllabus: This course is designed to prepare you for the eight days that we will spend in Guatemala during Spring Break staying with Maya host families, visiting various development projects, and learning how much Guatemala’s history and culture influences its current development path. Readings cover some of the issues that we will be discussing in country and seeing first hand. In addition, we will also discuss many of the theories that are associated with traditional development programs, as well as alternatives to those models.

COURSE OBJECTIVES:
There are several broad objectives for this course:
1) to introduce you to the historical and geographic context of Guatemala, its Civil War, and the persecution of the Maya people;
2) to enhance your knowledge of development processes as they have worked (and not worked) in Guatemala;
3) to understand how these processes have led to different outcomes of development that is both sustainable and unsustainable; and

Program Change Proposal Cover Sheet (July 2013)
4) to appreciate the significant role of the cloud forest in conservation efforts.

**PHIL 430: Seminar: Ethics, Environment, and Sustainability (3 cr).** Course description: Prerequisite: PHIL 330 or permission of instructor. Explores philosophical questions in ethics related to the environment and sustainability. Emphasis will be on practical problems with specific topics including population and consumption, pollution, climate change, species preservation, and environmental justice. The concept of sustainability will both frame the discussions and be itself subject to conceptual analysis.

**SOCG 354: Environmental Sociology (3 cr).** Course description: Prerequisite: SOCG 105 or 155 or permission of instructor. Examines how contemporary social organization drives environmental degradation and renders some people more vulnerable to its effects, and whether a shift in environmental consciousness and individual behaviors is sufficient to create a more harmonious relationship between society and the natural world.

Impact: No impact is expected in our department. The limited number of students taking this class for the Minor is expected to have minimal impact on enrollment in the class.

**Current catalog text for the Environmental Sustainability Minor**

Requirements for the Environmental Sustainability Minor

Eighteen to twenty-one (18 – 21) credits. Three required core courses: EESC 110, 230, and either 326 or 330. Three or more elective courses from the following list, totaling at least nine (9) credits: EESC 210, 307, 313, 315, 323, 325, 326, 330, 355, 360, 421, 481, 499; BIOL 424, 428; COMM 354; ECON 324, 351; GEOG 245, 339; GEOL 210; PHIL 330; SPAN 345.

**Catalog text if the proposed change in this proposal is approved; changes are underlined:**

Requirements for the Environmental Sustainability Minor

Eighteen to twenty-one (18 – 21) credits. Three required core courses: EESC 110, 230, and either 326 or 330. Three or more elective courses from the following list, totaling at least nine (9) credits: EESC 210, 307, 313, 315, 323, 325, 326, 330, 355, 360, 421, 481, 499; ANTH 365; BIOL 424, 428; COMM 354; ECON 324, 351; GEOG 245, 339; GEOL 210; HIST 322; PHIL 330, 430; SOCG 354; SPAN 345.

[NOTE: HIST 322 was approved by the curriculum committee during Fall 2014, so it is not listed in the current catalog text. I am listing it in the revised text in anticipation of final UFC approval]