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.

<table>
<thead>
<tr>
<th>COLLEGE (check one):</th>
<th>Arts and Sciences</th>
<th>X</th>
<th>Business</th>
<th>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposal Submitted By:</td>
<td>Caitlin Finlayson</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Prepared:</td>
<td>November 10, 2014</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Department /Program:</td>
<td>Geography</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 | X |
| 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 | |
| Implementation Date: FALL semester, year: | FALL semester 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)

Program Change Proposal Cover Sheet (July 2013)
Program Change Proposal:
Department of Geography Methods Course

Rationale Statement
The requirement change being proposed is to set GEOG 252 as a geography methods offering instead of MATH 200. The Department of Geography currently allows geography majors to take MATH 200 (Introduction to Statistics) as a geography methods course. However, MATH 200 does not cover specifically geographic methodology. With the addition of GEOG 252 (Introduction to Quantitative Methods in Geography) to our departmental curriculum, we would like this to be one of our quantitative method offerings instead of MATH 200. GEOG 252 is a more appropriate geographic methods course for our majors and will give them a more thorough grounding in the quantitative tools and techniques used by geographers.

Impact Statement
No new resources would be required to add this course to the department’s methods offerings. This course has already been offered as a special topics course, and will not be required of all majors. GEOG 252 will be one option among a list of methods courses students can choose to take.
Current Major Requirements

Requirements for the Geography Major
A minimum of 35 credits in Geography, Geographic Information Science, and related disciplines, including no more than two courses not designated GEOG or GISC.

1) Introductory Courses
GEOG 101 or 102 (3 credits), and GEOG 110 AND 111 (8 credits). GEOL 112 can substitute for GEOG 111.

2) Intermediate Course
One course in geography (3 credits) chosen from GEOG 200 – GEOG 249. These will be chosen by the student in consultation with her/his academic advisor to reflect the student’s area of emphasis.

3) Research Methods
Two courses in methods and techniques (6-8 credits), at least one of which must be either a GEOG or GISC course, and at least one of which must be at the 300 level. Students may choose from GEOG 250, 340, 351, 355, 363, 365, GISC 200, 351, ANTH 298, MATH 200, SOCG 364, or SOCG 365 may substitute for one geography methods course. Students may not count both GEOG 351 and GISC 351 toward the major.

4) Advanced Courses
Two courses in geography (6 credits) chosen from GEOG 300-339, 360, 410, 485, or 491. These will be chosen by the student in consultation with her/his academic advisor to reflect the student’s area of emphasis.

5) Senior Seminar
GEOG 490 (3 credits), usually taken during the Fall semester of the senior year, is the required capstone to the major.

6) Electives
Two additional courses (6-8 credits), one of which must be at the 300 or 400 level, chosen by the student in consultation with her/his academic advisor to reflect the student’s area of emphasis. Any geography course or approved course in related fields fulfills this requirement.
Proposed Major Requirements

Requirements for the Geography Major
A minimum of 35 credits in Geography, Geographic Information Science, and related disciplines, including no more than two courses not designated GEOG or GISC.

1) Introductory Courses
GEOG 101 or 102 (3 credits), and GEOG 110 AND 111 (8 credits). GEOL 112 can substitute for GEOG 111.

2) Intermediate Course
One course in geography (3 credits) chosen from GEOG 200 – GEOG 249. These will be chosen by the student in consultation with her/his academic advisor to reflect the student’s area of emphasis.

3) Research Methods
Two courses in methods and techniques (6-8 credits), at least one of which must be either a GEOG or GISC course, and at least one of which must be at the 300 level. Students may choose from GEOG 250, 252, 340, 351, 355, 363, 365, GISC 200, 351, ANTH 298, SOCG 364, or SOCG 365 may substitute for one geography methods course. Students may not count both GEOG 351 and GISC 351 toward the major.

4) Advanced Courses
Two courses in geography (6 credits) chosen from GEOG 300-339, 360, 410, 485, or 491. These will be chosen by the student in consultation with her/his academic advisor to reflect the student’s area of emphasis.

5) Senior Seminar
GEOG 490 (3 credits), usually taken during the Fall semester of the senior year, is the required capstone to the major.

6) Electives
Two additional courses (6-8 credits), one of which must be at the 300 or 400 level, chosen by the student in consultation with her/his academic advisor to reflect the student’s area of emphasis. Any geography course or approved course in related fields fulfills this requirement.