Program Modification Form

<table>
<thead>
<tr>
<th>Department/program</th>
<th>Geography MA and MS degrees (without option)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summary</td>
<td>Add professional paper and non-thesis tracks to the thesis track to create track similar to MS with option in Community and Environmental Planning or MS with option in Cartography and GIS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Please type / print name</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requestor:</td>
<td>Christiane von Reichert</td>
<td></td>
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<tr>
<td>Phone:</td>
<td>243-4784</td>
<td></td>
</tr>
<tr>
<td>Program Chair/Director:</td>
<td>Christiane von Reichert</td>
<td></td>
</tr>
<tr>
<td>Department Dean</td>
<td>Janay McNulty</td>
<td></td>
</tr>
</tbody>
</table>

Other affected Programs: (Use additional sheet if needed)

Are other departments/programs affected by this modification because of:
(a) required courses incl. prerequisites or corequisites,
(b) perceived overlap in content areas
(c) cross-listing of coursework

Please obtain signature(s) from the Chair/Director of any such department/program (above) before submission

(e.g. adding a writing course required of all majors.) Please X check the appropriate box.

<table>
<thead>
<tr>
<th>Major</th>
<th>Minor</th>
<th>Option</th>
<th>Teaching major/minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other</td>
<td>x</td>
<td>Please describe</td>
<td>Add professional paper track and non-thesis track to the MA and MS degrees</td>
</tr>
</tbody>
</table>

If you are proposing a change to an existing program or major, please cut and paste the requirements as they appear in the current catalog below.
www.umt.edu/catalog

Please provide the proposed copy as you wish it to appear in the catalog.

Please explain/justify the new proposal or change.

As commonly found in Geography programs, UM Geography offers graduate programs leading to MA or MS degrees. There are the following degrees:
- MA without option (MA General Geography);
- MS without option (MS General Geography);
- MS with option in Community and Environmental Planning;
- MS with option in Cartography and GIS.

Students in the options have a choice of tracks: thesis, professional paper, or non-thesis. Students in the MA General Geography or MS General Geography currently are required to complete a thesis.

Requested change will create comparable tracks for all Geography graduate degrees.
M.S. in Geography without option (General Geography)

Existing Language

Tracks: Students choosing to pursue a M.S. in Geography without option must complete and successfully defend a thesis (typically 3-6 credits that are in addition to the 30 credit minimum).

Proposed Language

Tracks: Students choosing to pursue a M.S. in Geography without option (General Geography) may choose from the following tracks:

1) Thesis track: complete and successfully defend a thesis (typically 3-6 credits that are in addition to the 30 credit minimum).
2) Professional paper track: complete and successfully defend a professional paper (typically 3-6 credits that are in addition to the 30 credit minimum)
3) Non-thesis track (36 credit minimum): complete a professional portfolio, written exams, and oral exams.

http://www.cas.umt.edu/geography/programs/graduate/MA%20General.php

M.A. in Geography without option (General Geography)

Existing Language

Tracks: Students choosing to pursue a M.A. in Geography without option must complete and successfully defend a thesis (typically 3-6 credits that are in addition to the 30 credit minimum).

Proposed Language

Tracks: Students choosing to pursue a M.A. in Geography without option (General Geography) may choose from the following tracks:

1) Thesis track: complete and successfully defend a thesis (typically 3-6 credits that are in addition to the 30 credit minimum).
2) Professional paper track: complete and successfully defend a professional paper (typically 3-6 credits that are in addition to the 30 credit minimum)
3) Non-thesis track (36 credit minimum): complete a professional portfolio, written exams, and oral exams.