B.Sc. Minor Program: Geographic Information Systems (GIS) and Environmental Analysis

Name: ___________________________________________  Student # _________________________

About the Program
This program offered by the Department of Geography is designed to train students in the use and application of Geographic Information Systems (GIS), and to provide a context for the problem-solving capabilities of GIS through exposure to courses focusing on biophysical science and environmental policy. The minor requires a total of 5 credits, consisting of both courses in GIS and related technical areas, and those focusing on the biophysical environment and resource analysis. The program is designed to complement majors in a variety of disciplines that deal with the environment. Detailed information can be obtained from the program counsellor in the Department of Geography.

Check-list [based on 2013-14 calendar]
Bring this list with you when you come for counselling and leave it with your counsellor in your semester of graduation. A list of counsellors is posted in the first floor corridor of the Hutt Building during registration period. At other times check with the secretary in Hutt 119.

1. GIS and Related Techniques:  3.5 credits
   ____ GEOG*1300  [0.50]  Introduction to the Biophysical Environment
   ____ GEOG *2420  [0.50]  The Earth from Space
   ____ GEOG*2480  [0.50]  Mapping and GIS
   ____ GEOG *3420  [0.50]  Remote Sensing of the Environment
   ____ GEOG *3480  [0.50]  GIS and Spatial Analysis
   ____ GEOG *4480  [1.00]  Applied Geomatics
   ____ TOTAL

2. At least 1.50 credits from:
   ____ GEOG*2110  [0.50]  Climate and the Biophysical Environment
   ____ GEOG *2210  [0.50]  Environment and Resources
   ____ GEOG*3110  [0.50]  Biotic and Natural Resources
   ____ GEOG *3210  [0.50]  Management of the Biophysical Environment
   ____ GEOG *4210  [0.50]  Environmental Governance
   ____ GEOG *4110  [1.00]  Environmental Systems Analysis
   ____ TOTAL
Dates seen: __________ __________ __________ __________ __________

## Course Substitutions

<table>
<thead>
<tr>
<th>Required course</th>
<th>__________</th>
<th>__________</th>
<th>__________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course substituted</td>
<td>__________</td>
<td>__________</td>
<td>__________</td>
</tr>
<tr>
<td>Date</td>
<td>__________</td>
<td>__________</td>
<td>__________</td>
</tr>
<tr>
<td>Signature</td>
<td>__________</td>
<td>__________</td>
<td>__________</td>
</tr>
</tbody>
</table>

**Date of entry to program:** ________________________________

September 2014