The following requirements must be fulfilled: 19 credits, including 7 credits in required courses and 12 credits selected from among four groups.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1001</td>
<td>Introduction to Human Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG 1002</td>
<td>Introduction to Physical Geography</td>
<td></td>
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</tbody>
</table>

One course from each of the following groups:

**Group A (Physical/Environmental/Resources)**
- GEOG 1003 | Society and Environment                          |
- GEOG 2108 | Weather and Climate                              |
- GEOG 2128 | Geomorphology                                    |
- GEOG 2129 | Biogeography                                     |
- GEOG 2134 | Energy Resources                                 |
- GEOG 2136 | Water Resources                                  |
- GEOG 2137 | Environmental Hazards                            |
- GEOG 3132 | Environmental Quality and Management             |
- GEOG 3143 | Urban Sustainability                             |
- GEOG 3194 | Special Topics in Physical Geography             |
- GEOG 3218 | Arctic Systems                                   |

**Group B (Human)**
- GEOG 2124 | Urban Transportation                            |
- GEOG 2125 | Transportation Systems and Networks              |
- GEOG 2127 | Population Geography                            |
- GEOG 2133 | People, Land, and Food                          |
- GEOG 2140 | Cities and Societies                            |
- GEOG 2141 | Cities in the Developing World                  |
- GEOG 2144 | Explorations in Historical Geography            |
- GEOG 2145 | Cultural Geography                              |
- GEOG 2146 | Political Geography                             |
- GEOG 2147 | Military Geography                              |
- GEOG 2148 | Economic Geography                              |
- GEOG 3143 | Urban Sustainability                            |
- GEOG 3195 | Special Topics in Human Geography               |
- GEOG 3810 | Planning Cities                                 |

**Group C (Techniques)**
- GEOG 2104 | Introduction to Cartography and GIS             |
- GEOG 2105 | Techniques of Spatial Analysis                   |
- GEOG 2107 | Introduction to Remote Sensing                   |
- GEOG 2196 | Field Methods in Geography                      |
- GEOG 3106 | Intermediate Geographic Information Systems      |
- GEOG 3196 | Special Topics in Techniques                     |
- GEOG 3197 | Special Topics in Human Geography                |
- GEOG 3217 | Special Topics in Techniques                     |
- GEOG 3810 | Planning Cities                                 |

**Group D (Regional)**
- GEOG 2120 | World Regional Geography                        |
- GEOG 3154 | Geography of the Middle East and North Africa   |
- GEOG 3161 | Geography of Latin America                       |
- GEOG 3164 | The Geography of Africa                          |
- GEOG 3165 | Geography of South Asia                          |
- GEOG 3197 | Special Topics in Regional Geography             |
- GEOG 3217 | Special Topics in Regional Geography             |