# Natural Resources Management

This sample plan assumes that the MTH 110 requirement has been fulfilled. If MTH 110 is needed, students should take the course in the first semester in place of the chemistry option and move chemistry to the winter semester in place of the elective option.

## Year One

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 120</td>
<td>General Biology I ¹ ²</td>
<td>4</td>
</tr>
<tr>
<td>CHM 109</td>
<td>Introductory Chemistry ³ 4</td>
<td>4</td>
</tr>
<tr>
<td>NRM 150/Gen Ed/WRT 120²</td>
<td>– choose two</td>
<td>6/7</td>
</tr>
<tr>
<td>Elective</td>
<td>– choose any 1 credit course to reach 15 for the semester</td>
<td>1</td>
</tr>
</tbody>
</table>

**Required:**

1. BIO 120 General Biology I ¹
   - Prerequisite: High school chemistry, CHM 109, or CHM 115 strongly recommended (CHM 109 or 115 may be taken concurrently with BIO 120) ²
   - See notes below regarding BIO 120/121 option

2. CHM 109 Introductory Chemistry ³
   - Prerequisite: High school chemistry (MTH 110 or MTH 122 or MTH 125 or MTH 201) ⁴

3. NRM 150/Gen Ed/WRT 120² – choose two

**Note:**

- Students have the option of starting in BIO 120 or 121 in the fall semester.

- Students who self-place into WRT 120 should take this course in the fall semester and then take WRT 130 in the winter semester of the first year. Students who self-place into WRT 150 can take this course in either semester. A grade of C or higher is required to fulfill the WRT 150 requirement.

**Total:** 15 credits

## Year Two

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 215</td>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>NRM 250</td>
<td>Resource Measurements and Maps</td>
<td>3</td>
</tr>
<tr>
<td>NRM 281</td>
<td>Principles of Soil Science ⁵</td>
<td>4</td>
</tr>
<tr>
<td>Gen Ed</td>
<td>– choose any 1 credit course to reach 15 for the semester</td>
<td>1</td>
</tr>
</tbody>
</table>

**Required:**

1. BIO 215 Ecology ⁶
   - Prerequisite: BIO 120 and BIO 121 (BIO 120 may be taken concurrently) ⁷

2. NRM 250 Resource Measurements and Maps ⁸
   - Prerequisite: High school chemistry and (MTH 110 or MTH 122 or MTH 125 or MTH 201) ⁹

3. NRM 281 Principles of Soil Science ¹⁰
   - Prerequisite: CHM 109 or CHM 115 ¹¹

**Note:**

- Students have the option of starting in BIO 120 or 121 in the fall semester.

**Total:** 15 credits

## Year Three

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRM 451</td>
<td>Natural Resource Policy ¹²</td>
<td>3</td>
</tr>
<tr>
<td>NRM Upper Level Electives</td>
<td>– choose two</td>
<td>6/7</td>
</tr>
<tr>
<td>Gen Ed w/SWS designation</td>
<td>⁴</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>15-16</td>
<td>Total</td>
</tr>
</tbody>
</table>

**Required:**

1. NRM 451 Natural Resource Policy ¹²
   - Prerequisite: Junior Standing ¹³

2. NRM Upper Level Electives (see reverse side for options) ¹⁴

3. Gen Ed w/SWS designation ⁴

**Note:**

- See notes below regarding BIO 120/121 option

**Total:** 15-16 credits

## Year Four

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 460</td>
<td>Terrestrial Ecosystem Ecology ¹⁵</td>
<td>4</td>
</tr>
<tr>
<td>NRM Upper Level Elective</td>
<td>– choose two</td>
<td>3/4</td>
</tr>
<tr>
<td>NRM Upper Level Elective ⁴</td>
<td>– choose two</td>
<td>3/4</td>
</tr>
<tr>
<td>Elective</td>
<td>– choose any 1 credit course to reach 15 for the semester</td>
<td>3/4</td>
</tr>
</tbody>
</table>

**Required:**

1. BIO 460 Terrestrial Ecosystem Ecology ¹⁵
   - Prerequisites: BIO 215; NRM 281 recommended ¹⁶

2. NRM Upper Level Elective ³

3. NRM Upper Level Elective ³

4. Elective ⁴

**Note:**

- See notes below regarding MTH 110/122/121 option

**Total:** 15-16 credits

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*The block tuition rate is for 12-15 credits. You will pay additional tuition for any credits over 15.*

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**Notes:**

- Students who have fulfilled the MTH 122 or 123 requirement based on ACT or SAT scores are still required to complete a college level mathematics course higher than MTH 110. Students should choose from MTH 125 or MTH 201. ¹
- Students who have an ACT science sub-score of 22 and below should start with BIO 121. ²
- NRM majors must complete a total of 36 credits of NRM courses with a GPA of 2.0 or better. Please see reverse for additional NRM options. ³
- Students should consider adding a complementary minor or certificate – speak with an academic advisor to discuss options. ⁴

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### Declaring the Natural Resources Management Major:

1. Log into myBanner from the GVSU homepage
2. Once logged in select “Student,” “Student Records,” and then “Change Major”
It is imperative to meet with your faculty advisor and an advisor in the CLAS Academic Advising Center regularly. The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.