

## Math Sequences for ENSP Majors

Updated 10/12/16

You are eligible to take the course into which you have placed or any course to the LEFT of it. You will choose which course to take based upon your academic interests.

**<Low end>** 003 - 010 - 011 - 013 - 015 - 110 - 112/113 - 111/Stat 100 - 115 - 120 - 130 - 140 **<High end>**

*Capable students should take Track 1 and/or a second semester of Calculus to maintain academic flexibility and/or to prepare for graduate school.*

Concentration Requirements	Math sequences
<p>TRACK 1 - MATH 140 TRACK - the "highest" track</p> <p><b>MATH 140 &amp; 141</b> (8 cr) is <u>required</u> for:</p> <ul style="list-style-type: none"> <li>▪ Biodiversity &amp; Conservation Biology</li> <li>▪ Environmental Geosciences &amp; Restoration</li> </ul> <p><b>MATH 140</b> (4 cr) is <u>required</u> for:</p> <ul style="list-style-type: none"> <li>▪ Marine &amp; Coastal Management</li> </ul> <p><b>MATH140</b> is <u>strongly recommended</u> for:</p> <ul style="list-style-type: none"> <li>▪ Environmental Economics</li> <li>▪ Global Environmental Change</li> </ul>	<p>TRACK 1 Leads to <b>4-credit</b> Calculus courses</p> <p>Pre-calculus -----&gt; <b>Calculus I &amp; II</b>            Math 115 -----&gt; <b>MATH 140 &amp; 141</b></p> <p><i>or</i></p> <p>[In one semester] -----&gt; <b>Calculus I</b>            [Math 015 &amp; 115] -----&gt; <b>MATH 140</b></p> <p><i>or</i></p> <p>Preparation → Pre-calculus -----&gt; <b>Calculus I</b>            Math 003 → Math 115 -----&gt; <b>MATH 140</b></p>
<p>TRACK 2 - MATH220 TRACK</p> <p><b>MATH 120 &amp; 121</b> (6 cr) :</p> <ul style="list-style-type: none"> <li>▪ Global Environmental Change</li> </ul> <p><b>MATH 120</b> (3 cr) :</p> <ul style="list-style-type: none"> <li>▪ Environment &amp; Agriculture</li> <li>▪ Environment &amp; Culture</li> <li>▪ Environmental Economics</li> <li>▪ Land Use</li> <li>▪ Politics and Policy</li> <li>▪ Society and Environmental Issues</li> <li>▪ Soil, Water, and Land Resources</li> <li>▪ Wildlife Ecology and Management</li> </ul>	<p>TRACK 2 Leads to <b>3-credit</b> Calculus courses</p> <p>Preparation → College Algebra -----&gt; <b>Elem Calculus I &amp; II</b>            Math 003 → Math 113 -----&gt; <b>MATH 120 &amp; 121</b></p> <p><i>or</i></p> <p>[In one semester] -----&gt; <b>Elem Calculus I</b>            [Math 013 &amp; 113] -----&gt; <b>MATH 120</b></p>
<p>TRACK 3 - MATH110 TRACK</p> <p><b>MATH 110</b> (3 cr) is appropriate for most Arts and Humanities and many Social Science majors.</p>	<p>TRACK 3 <i>Does not fill ENSP major requirements, and it does not lead to Calculus.</i></p> <p>003 → 110 → 111 [Introduction to Probability]</p>

You may re-take the Math Placement Exam *once* before the start of the semester. Please give yourself *at least 10 school days* to review your Math skills before the re-take! Information is available here: <https://www-math.umd.edu/placement-test-information.html>