Math Sequences for ENSP Majors

Updated 10/13/15

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 – 220 – 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
TRACK 1 – MATH 140 TRACK – the "highest" track **MATH 140 & 141** (8 cr) is required for: *Two semesters are required for:* ▪ Biodiversity & Conservation Biology ▪ Environmental Geosciences & Restoration **MATH 140** (4 cr) is required for: *One semester is required for:* ▪ Marine & Coastal Management **MATH140 is strongly recommended for:** ▪ Environmental Economics ▪ Global Environmental Change	TRACK 1 Leads to 4-credit Calculus courses Pre-calculus ----------> **Calculus I** & II Math 115 ----------> MATH **140 & 141** ***or*** [In one semester] ----------> **Calculus I** & II [Math 015 & 115] ----------> MATH **140** ***or*** Preparation → Pre-calculus ----------> **Calculus I** & II Math 003 → Math 115 ----------> MATH **140**
TRACK 2 – MATH220 TRACK **MATH 220** & **221** (6 cr) : *Two semesters are required for:* ▪ Global Environmental Change **MATH 220** (3 cr) : *One semester is required for:* ▪ Environment & Agriculture ▪ Environmental Economics ▪ Land Use ▪ Politics and Policy ▪ Society and Environmental Issues ▪ Soil, Water, and Land Resources ▪ Wildlife Ecology and Management	TRACK 2 Leads to 3-credit Calculus courses Preparation → College Algebra ------> **Elem Calculus I** & II Math 003 → Math 113 ----------> **220 & 221** ***or*** [In one semester] ----------> **Elem Calculus I** & II [Math 013 & 113] ----------> **220**
TRACK3 – MATH110 TRACK **MATH 110** (3 cr) is appropriate for most Arts and Humanities and many Social Science majors.	TRACK 3 *Does not fill ENSP major requirements, and it does not lead to Calculus.* 003 → 110 → 111 **[**Introduction to Probability]

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