

SAMPLE ROAD MAP FOR B.A. IN MATHEMATICS CLASS OF 2020 (starting as a freshman in Fall 2016)

Math majors are required to take: Math 75, 76, 77, 81, 111, 151, 152, 171, six math electives (upper-division, excluding 100, 133, 134, 137, 138, and 139), CSCI 40, PHYS 4A.

<p>Year 1: Fall 2016 GE Area A1: Oral Communication GE Area A2: English 10 GE Area B2: Life Sciences Math 75 - Calculus I (satisfies GE Area B4) Free Elective</p>	<p>Year 1: Spring 2017 GE Area A3: Critical Thinking GE Area C1: Arts GE Area B1: Physics 4A Math 76 - Calculus II Free Elective</p>
<p>Year 2: Fall 2017 GE Area C2: Humanities GE Area D1: American History Math 77 - Calculus III Math 111 - Transition to Advanced Math GE Area E: Lifelong Understanding and Self-Development</p>	<p>Year 2: Spring 2018 GE Area C1 or C2: Arts or Humanities GE Area D3: Social Science Math 81 - Applied Analysis Upper Division Math Elective Upper Division Math Elective / Free Elective</p>
<p>Year 3: Fall 2018 GE Area IB: Physical Universe and Its Life Forms Computer Science 40 Math 152 - Linear Algebra Upper Division Math Elective</p>	<p>Year 3: Spring 2019 GE Area D2: American Government GE Area IC: Arts and Humanities Math 151 - Principles of Algebra Upper Division Math Elective</p>
<p>Year 4: Fall 2019 GE Area ID: Soc, Pol, Econ Instit and Behav, Hist Background Math 171 - Intermediate Math Analysis I Upper Division Math Elective Independent Study / Free Elective Free Elective</p>	<p>Year 4: Spring 2020 GE Area MI: Multicultural/International Upper Division Math Elective Free Elective / Upper Division Math Elective Independent Study / Free Elective Free Elective</p>