

SAMPLE ROAD MAP FOR B.A. IN MATHEMATICS CLASS OF 2017 (starting as a freshman in Fall 2013)

Math majors are required to take: Math 75, 76, 77, 111, 151, 152, 171, 128 or 165 or 172, four math electives (upper-division or 81, excluding 100, 133, 134, 137, 138, 139, and 149), CSCI 40, PHYS 4A.

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| <p>Year 1: Fall 2013 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 2014 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 2014 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 2015 GE Area C1 or C2: Arts or Humanities GE Area D3: Social Science Math 152 - Linear Algebra Math Elective Free Elective</p> |
| <p>Year 3: Fall 2015 GE Area IB: Physical Universe and Its Life Forms Computer Science 40 Math 151 - Principles of Algebra Math Elective</p> | <p>Year 3: Spring 2016 GE Area D2: American Government GE Area IC: Arts and Humanities Math 171 - Intermediate Math Analysis I Math Elective</p> |
| <p>Year 4: Fall 2016 GE Area ID: Soc, Pol, Econ Instit and Behav, Hist Background Math 128 - Compl. An. or 165 - Diff. Geom. (or 172 next semester) Math Elective Independent Study / Free Elective Free Elective</p> | <p>Year 4: Spring 2017 GE Area MI: Multicultural/International Math 172 - Intermed Math An. II (if didn't take 128 or 165) Math Elective Independent Study / Free Elective Free Elective</p> |