Mathematics Sample Road Map

Class of 2010 (will start in Fall 2006)

Year 1: Fall GE Area A1: Oral Communication GE Area A2: English 1 GE Area B2: Life Sciences GE Area B4: Math 75 - Math Analysis I Free Elective	**Year 1: Spring** GE Area A3: Critical Thinking GE Area C1: Arts GE Area B1: Physics 4A Math 76 - Math Analysis II Free Elective
Year 2: Fall GE Area C2: Humanities GE Area D1: American History Math 77 - Math Analysis III Math 111 - Transition to Advanced Math Free Elective	**Year 2: Spring** GE Area C1 or C2: Arts or Humanities GE Area D3: Social Science Math 143 - History of Math Math 101 - Stat Methods Free Elective
Year 3: Fall GE Area IB: Physical Universe Computer Science 40 Math 145 - Problem Solving Math 152 - Linear Algebra Free Elective	**Year 3: Spring** GE Area D2: American Government GE Area IC: Arts and Humanities Math 151 - Principles of Algebra Math elective Free Elective
Year 4: Fall GE Area ID: Soc, Pol, Econ Instit and Behav, Hist Background Math 116 - Theory of Numbers Math 171 - Intermediate Math Analysis I Independent Study / Free Elective Free Elective	**Year 4: Spring** GE Area E: Lifelong Understanding and Self-Development GE Area MI: Multicultural/International Math 161 - Principles of Geometry Independent Study / Math Elective Free Elective

Mathematics Sample Road Map

Class of 2009 (started in Fall 2005, currently freshmen)

Year 1: Fall GE Area A1: Oral Communication GE Area A2: English 1 GE Area B2: Life Sciences Math 75 - Math Analysis I (Math 75 satisfies GE Area B4: Quantitative Reasoning) Free Elective	**Year 1: Spring** GE Area A3: Critical Thinking GE Area C1: Arts GE Area B1: Physics 4A Math 76 - Math Analysis II Free Elective
Year 2: Fall GE Area C2: Humanities GE Area D1: American History Math 77 - Math Analysis III Math 111 - Transition to Advanced Math GE Area E: Lifelong Understanding and Self-Development	**Year 2: Spring** GE Area C1 or C2: Arts or Humanities GE Area D3: Social Science Math 143 - History of Math Math 101 - Stat Methods Free Elective
Year 3: Fall GE Area IB: Physical Universe Computer Science 40 Math 145 - Problem Solving Math 152 - Linear Algebra Free Elective	**Year 3: Spring** GE Area D2: American Government GE Area IC: Arts and Humanities Math 151 - Principles of Algebra Math 171 - Intermediate Math Analysis I Free Elective
Year 4: Fall GE Area ID: Soc, Pol, Econ Instit and Behav, Hist Background Math 128 - Compl. An. or 165 - Diff. Geom. (or 172 next semester) Math 116 - Theory of Numbers Independent Study / Free Elective Free Elective	**Year 4: Spring** GE Area MI: Multicultural/International Math 161 - Principles of Geometry Math 172 - Intermed Math An. II (if didn't take 128 or 165) Independent Study / Free Elective Free Elective

Mathematics Sample Road Map

Class of 2008 (started in Fall 2004, currently sophomores)

(Switch the GE areas depending on which areas you have already covered.)

Year 1: Fall GE Area A1: Oral Communication GE Area A2: English 1 GE Area B2: Life Sciences Math 75 - Math Analysis I (Math 75 satisfies GE Area B4: Quantitative Reasoning) Free Elective	**Year 1: Spring** GE Area A3: Critical Thinking GE Area C1: Arts GE Area B1: Physics 4A Math 76 - Math Analysis II Free Elective
Year 2: Fall GE Area C2: Humanities GE Area D1: American History Math 77 - Math Analysis III Math 101 - Stat Methods GE Area E: Lifelong Understanding and Self-Development	**Year 2: Spring** GE Area C1 or C2: Arts or Humanities GE Area D3: Social Science Math 143 - History of Math Math 111 - Transition to Advanced Math Free Elective
Year 3: Fall GE Area IB: Physical Universe Computer Science 40 Math 114 - Discrete Structures Math 152 - Linear Algebra Free Elective	**Year 3: Spring** GE Area D2: American Government GE Area IC: Arts and Humanities Math 151 - Principles of Algebra Math 171 - Intermediate Math Analysis I Free Elective
Year 4: Fall GE Area ID: Soc, Pol, Econ Instit and Behav, Hist Background Math 116 - Theory of Numbers Math 128 - Compl. An. or 165 - Diff. Geom. (or 172 next semester) Math 145 - Problem Solving Free Elective	**Year 4: Spring** GE Area MI: Multicultural/International Math 161 - Principles of Geometry Math 172 - Intermed Math An. II (if didn't take 128 or 165) Independent Study / Free Elective Free Elective

Mathematics Sample Road Map

Class of 2007 (started in Fall 2003, currently juniors)
(Switch the GE areas depending on which areas you have already covered.)

Year 1: Fall GE Area A1: Oral Communication GE Area A2: English 1 GE Area B2: Life Sciences Math 75 - Math Analysis I (Math 75 satisfies GE Area B4: Quantitative Reasoning) Free Elective	**Year 1: Spring** GE Area A3: Critical Thinking GE Area C1: Arts GE Area B1: Physics 4A Math 76 - Math Analysis II Free Elective
Year 2: Fall GE Area C2: Humanities GE Area D1: American History GE Area E: Lifelong Understanding and Self-Development Math 77 - Math Analysis III Free Elective	**Year 2: Spring** GE Area C1 or C2: Arts or Humanities GE Area D3: Social Science Math 101 - Stat Methods Math 143 - History of Math Free Elective
Year 3: Fall GE Area IB: Physical Universe Math 111 - Transition to Advanced Math Math 114 - Discrete Structures Math 152 - Linear Algebra Free Elective	**Year 3: Spring** GE Area D2: American Government GE Area IC: Arts and Humanities Math 151 - Principles of Algebra Math 171 - Intermediate Math Analysis I Free Elective
Year 4: Fall GE Area ID: Soc, Pol, Econ Instit and Behav, Hist Background Math 116 - Theory of Numbers Math 145 - Problem Solving Math 128 - Compl. An. or 165 - Diff. Geom. (or 172 next semester) Free Elective	**Year 4: Spring** GE Area MI: Multicultural/International Computer Science 40 Math 161 - Principles of Geometry Math 172 - Intermed Math An. II (if didn't take 128 or 165) Free Elective