

# SAMPLE ROAD MAP FOR CREDENTIAL PROGRAM IN MATHEMATICS

## CLASS OF 2015 (starting as a freshman in Fall 2011)

Credential program students must take: Math 75, 76, 77, 101, 111, 116, 143, 145, 149, 151, 152, 161, 171, 128 or 165 or 172, CSCI 40, PHYS 4A.

<p><b>Year 1: Fall 2011</b>            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><b>Year 1: Spring 2012</b>            GE Area A3: Critical Thinking            GE Area C1: Arts            GE Area B1: Physics 4A            Math 76 - Calculus II            Free Elective</p>
<p><b>Year 2: Fall 2012</b>            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><b>Year 2: Spring 2013</b>            GE Area C1 or C2: Arts or Humanities            GE Area D3: Social Science            Math 152 - Linear Algebra            Math 101 - Stat Methods            Free Elective</p>
<p><b>Year 3: Fall 2013</b>            GE Area IB: Physical Universe and Its Life Forms            Computer Science 40            Math 116 - Theory of Numbers            Math 145 - Problem Solving</p>	<p><b>Year 3: Spring 2014</b>            GE Area D2: American Government            GE Area IC: Arts and Humanities            Math 171 - Intermediate Math Analysis I            Math 143 - History of Math</p>
<p><b>Year 4: Fall 2014</b>            GE Area ID: Soc, Pol, Econ Instit and Behav, Hist Background            Math 128 - Compl. An. or 165 - Diff. Geom. (or 172 next semester)            Math 151 - Principles of Algebra            Independent Study / Free Elective(s)</p>	<p><b>Year 4: Spring 2015</b>            GE Area MI: Multicultural/International            Math 172 - Intermed Math An. II (if didn't take 128 or 165)            Math 161 - Principles of Geometry            Math 149 - Capstone Math for Teachers</p>

Note: students willing to earn the Single Subject Credential in Mathematics also have to take certain Education classes. Contact the School of Education regarding applying to the Single Subject Credential Program.