

SAMPLE ROAD MAP FOR CREDENTIAL PROGRAM IN MATHEMATICS

CLASS OF 2020 (starting as a freshman in Fall 2016)

Credential program students must take: Math 75, 76, 77, 81, 101, 111, 116, 143, 145, 149, 151, 152, 161, 171, CSCI 40, PHYS 4A.

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| <p>Year 1: Fall 2015 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 2016 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 2016 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 2017 GE Area C1 or C2: Arts or Humanities GE Area D3: Social Science Math 81 - Applied Analysis Math 101 - Statistical Methods Free Elective</p> |
| <p>Year 3: Fall 2017 GE Area IB: Physical Universe and Its Life Forms Computer Science 40 Math 152 - Linear Algebra Math 116 - Theory of Numbers</p> | <p>Year 3: Spring 2018 GE Area D2: American Government GE Area IC: Arts and Humanities Math 171 - Intermediate Math Analysis I Math 143 - History of Math</p> |
| <p>Year 4: Fall 2018 GE Area ID: Soc, Pol, Econ Instit and Behav, Hist Background Math 145 - Problem Solving Math 151 - Principles of Algebra Independent Study / Free Elective(s)</p> | <p>Year 4: Spring 2019 GE Area MI: Multicultural/International Math 161 - Principles of Geometry Free Elective 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.