B.A., MAJOR in MATHEMATICS

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This plan is for freshmen entering: **Fall 2015**

Fall 2015	**Spring 2016**
ENG 110 College Writing 1 (3cr) MATH222 Calculus 1[1] (4cr) PREP100 First Year Experience (1cr) 2 General Education Electives (6cr)	ENG 120 College Writing 2 (3cr) MATH 223 Calculus 2 (4cr) 2-3 General Education Electives (6-9cr)
Fall 2016	**Spring 2017**
COMM102 Elements of Oral Communication (3cr) MATH224 Calculus 3 (4cr) PESS 205 Critical Issues in Health (3cr) 1-2 General Education Elective (3-6cr)	MATH320 Introduction to Advanced Mathematics (3cr) MATH321 Ordinary Differential Equations (3cr) 2-3 General Education Electives (6-9cr)
Fall 2017	**Spring 2018**
MATH331 Foundations of Geometry (3cr) PHYS211 General Physics 1 (5cr) General Education or other Electives (6-9cr)	CPTR112 Programming 1 (3cr) MATH215 Introduction to Statistics (3cr) PHYS212 General Physics 2 (5cr) General Education or other Electives (6-9cr)
Fall 2018	**Spring 2019**
MATH444 Abstract Algebra (3cr) CPTR212 Programming 2 (3cr)[2] General Education or other Electives (6-9 cr)	MATH319 Linear Algebra (3cr) PREP499 Career Prep & Planning (3cr) *General Education Electives or other Electives to complete the general education requirement and the college requirement of 124 total credits.*[3]

Special Instructions for Advisors

[1] Students who are underprepared to take MATH 222 Calculus 1 during their freshman fall semester should take MATH 110 College Algebra during their freshman fall semester and MATH 112 Trigonometry during their freshman spring semester.   MATH 222 Calculus 1 and MATH 223 Calculus 2 should then be taken in the sophomore year along with MATH 320 Introduction to Advanced Mathematics in the sophomore spring semester. MATH 224 Calculus 3 and MATH 321 Differential Equations should then all be moved to the junior year.

[2] This course is not officially part of the program, but is encouraged for students who are not education majors. This course offers students additional skills that would befit someone working in the private sector with a degree in mathematics.

[3] To graduate in 4 years, a student needs to take on the average 15.5 credits per semester. Please keep that in mind when planning on how many elective hours to choose each semester.