# B.S., MAJOR in MATHEMATICS

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This plan is for freshmen entering: **Fall 2008**

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| **Fall 2008**<br><br>LAS 110 College Writing 1<br>MATH 222 Calculus 1[(1)]<br>General Education Disciplinary Perspective<br>General Education Disciplinary Perspective | **Spring 2009**<br><br>LAS 120 College Writing 2<br>MATH 223 Calculus 2<br>General Education Disciplinary Perspective<br>General Education Disciplinary Perspective |
| **Fall 2009**<br><br>COMM 102 Elements of Oral Communication<br>MATH 224 Calculus 3<br>PHYS 211 General Physics 1<br>General Education Disciplinary Perspective | **Spring 2010**<br><br>MATH 320 Introduction to Advanced Mathematics<br>MATH 321 Ordinary Differential Equations<br>PHYS 212 General Physics 2 |
| **Fall 2010**<br><br>MATH 319 Linear Algebra<br>MATH 444 Abstract Algebra | **Spring 2011**<br><br>CPTR 112 Programming 1<br>MATH 215 Introduction to Statistics<br>MATH 445 Mathematical Analysis |
| **Fall 2011**<br><br>MATH 331 Foundations of Geometry<br>LAS 185 Health and Wellness | **Spring 2012**<br><br>LAS 499 Responsibility for the Future<br>MATH 447 Complex Variables |

**Special Instructions for Advisors**

(1) Students who are unprepared 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. (To determine if a student is prepared to take Calculus 1, return to the *Advising Webpage*, choose *Placement*, then *Math Placement*). 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, MATH 321 Differential Equations, PHYS 211 General Physics 1, and PHYS 212 General Physics 2 should then all be moved to the junior year.