



Mathematics – B.S. (MATH)

Recommended Four-Year Plan (Fall 2014)

This recommended four year plan is provided as an **outline** for you to follow in order to plan of degree completion within four years. This plan is a **recommendation** and not intended to serve as a substitute for meeting, and checking your selections, with your academic advisor. Please note that this plan assumes that no developmental courses are required. If you are required to take developmental courses you will need to adjust the plan below, and should again consult with your academic advisor to do so.

First Year

| Fall Semester | HRS | | Spring Semester | HRS | |
|---|-----------|--|--|-----------|--|
| MATH 122 Calculus I (4) * | 4 | | PHYS 192 University Physics II | 4 | |
| ENWR 105 College Writing I: Intellectual Prose (Gen Ed) | 3 | | MATH 221 Calculus II | 4 | |
| CSIT 111 Fundamentals of Programming I | 3 | | ENWR 106 College Writing II (Gen Ed) | 3 | |
| PHYS 191 University Physics I | 4 | | CMST 101 Fundamentals of Speech (Gen Ed) | 3 | |
| MATH 102 – New Student Experience for Math (Gen ed) | 1 | | Physical Education Requirement (Gen Ed) | 1 | |
| TOTAL | 15 | | TOTAL | 15 | |

Second Year

| Fall Semester | HRS | | Spring Semester | HRS | |
|--------------------------------------|-----------|--|-------------------------|-----------|--|
| World Languages | 3 | | World Languages | 4 | |
| MATH 222 Calculus III | 4 | | MATH 335 Linear Algebra | 3 | |
| MATH 320 Transition to Adv Math | 3 | | MATH 340 Probability | 3 | |
| General Ed. – Amer./European History | 3 | | Math Elective Course | 3 | |
| Free Elective | 3 | | Free Elective | 3 | |
| TOTAL | 16 | | TOTAL | 15 | |

Third Year

| Fall Semester | HRS | | Spring Semester | HRS | |
|--|-----------|--|---|-----------|--|
| MATH 425 – Advanced Calculus | 3 | | MATH 431 Foundations of Modern Algebra | 3 | |
| Free Elective | 3 | | MATH Elective Course (see dept list) | 3 | |
| General Education –Philosophy/Religion | 3 | | General Ed. – World Lit/General Humanities | 3 | |
| General Education L Elective | 3 | | General Ed. – Non-Western Cultural Perspectives | 3 | |
| General Ed. – Social Science | 3 | | General Ed. – Fine & Performing Arts | 3 | |
| TOTAL | 15 | | TOTAL | 15 | |

Fourth Year

| Fall Semester | HRS | | Spring Semester | HRS | |
|--------------------------------------|-----------|--|--------------------------------------|-----------|--|
| MATH Elective Course (see dept list) | 3 | | MATH Elective Course (see dept list) | 3 | |
| MATH Elective Course (see dept list) | 3 | | Free Electives | 3 | |
| Free Electives | 3 | | Free Electives | 3 | |
| Free Electives | 3 | | Free Electives | 3 | |
| Free Electives | 1 | | Free Elective | 1 | |
| TOTAL | 16 | | TOTAL | 13 | |

Total Required: 120 credits