Mathematics-Statistics Concentration

Suggested Fall/Spring Four-Year Schedule

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| --- | --- |
| FRESHMAN FALL | FRESHMAN SPRING |
| Course | Hours | Notes | Course | Hours | Notes |
| MATH 1530 | 3 |  | MATH 1920 | 4 | Core |
| MATH 1910 | 4 |  | MATH 2010 | 3 | Core |
| ENGL 1010 | 3 |  | STAT 2090 | 2 |  |
| NATURAL SCIENCE | 4 |  | ENGL 1020 | 3 |  |
| CSCI 1100 (or UIT Exam) | 3 |  | NATURAL SCIENCE | 4 |  |
|  |  |  |  |  |  |
| SUBTOTAL | 14-17  |  | SUBTOTAL | 16 |  |
|  |  |  |  |  |  |
| SOPHOMORE FALL | SOPHOMORE SPRING |
| Course | Hours | Notes | Course | Hours | Notes |
| MATH 2050 | 3 | Core | MATH 2090 | 2 | Core, IWRT, ITEC |
| MATH 2110 | 4 | Core | STAT 3050 | 3 |  |
| MATH 3000 | 3 | Core | BIOL 1120 | 4 |  |
| BIOL 1100  | 4 |  | OR |  |  |
| OR |  |  | PHYS 2120 | 5 |  |
| PHYS 2110 | 5 |  | **Elective** | **7** |  |
|  |  |  |  |  |  |
| SUBTOTAL | 14-15 |  | SUBTOTAL | 16-17 |  |
|  |  |  |  |  |  |
| JUNIOR FALL | JUNIOR SPRING |
| Course | Hours | Notes | Course | Hours | Notes |
| STAT 4287 | 3 |  | STAT 4307 | 3 | IWRT |
| SPCH 2320 | 3 |  | **MATH 3250** | **3** | Suggested Math Elective |
| PHIL 2640 | 3 |  | History 2020 | 3 |  |
| History 2010 | 3 |  | SOCIAL/BEHAVIOR SCIENCE | 3 |  |
| **Elective** | **3** |  | **Elective** | **3** |  |
|  |  |  |  |  |  |
| SUBTOTAL | 15 |  | SUBTOTAL | 15 |  |
|  |  |  |  |  |  |
| SENIOR FALL | SENIOR SPRING |
| Course | Hours | Notes | Course | Hours | Notes |
| STAT 4047 | 3 |  | STAT 4057 | 3 |  |
| STAT 4327 | 3 |  | MATH 4010 | 3 | IWRT, ICOM |
| Literature | 3 |  | FINE ARTS | 3 |  |
| SOCIAL/BEHAVIOR SCIENCE | 3 |  | **Elective** | **3** |  |
| **Elective** | **3** |  | **Elective** | **3** |  |
|  |  |  |  |  |  |
| SUBTOTAL | 15 |  | SUBTOTAL | 15 |  |

NOTES:

**Oral Communication**Students must complete a minimum of **two** oral communication-intensive (ICOM) courses. At least one of these courses must be in the student’s major or minor.   (NOTE: Any course taken in the department in which a student is majoring counts as in the major.)

**Information Technology**  Students must complete a minimum of **one** information technology-intensive (ITEC) course in the student’s   major or minor.

**Writing** Students must complete a minimum of **four** writing-intensive (IWRT) courses. At least two of these courses must be in the student’s major or minor.  At least two of the four courses must be at the 3000-4000 level.

MATH 3040 (History of Mathematics) is an IWRT & ICOM course. Spring only.

MATH 4257 (Numerical Analysis) is an ITEC course.

MATH 4267 (Numerical Linear Algebra) is an ITEC course.

SPCH 2320 when used to fulfill general education requirements cannot be used to meet ICOM.