Minor in Mathematical Science

2023 – 2024 Academic Calendar

You may count up to 2.50 credits towards both your Major and Minor programs.

(1) **Calculus I (F)**
One of MATH*1080, MATH*1200, or IPS*1500

(2) **Calculus II (W)**
One of MATH*1090, MATH*1210, or IPS*1510

(3) **Linear Algebra (F/W)**
MATH*1160 (ENGG*1500 accepted if taken as part of a major program)

(4) **Statistics I (F/W/S)**
STAT*2040 (STAT*2080, STAT*2120, STAT*2060, or STAT*2230 accepted if taken as part of a major program)

(5) **Introduction to Programming (F/W)**
CIS*1500 or CIS*1300

(6-8) **1.50 credits in 2000+ Mathematics, Statistics or CIS, for example:**
- MATH*2210: Advanced Calculus II (W) needs #5
- MATH*2130: Numerical Methods (W) needs #2
- MATH*2270: Differential Equations I (F) needs #2
- STAT*2050: Statistics II (F/W) needs #4

(9-10) **1.00 credits in 3000+ Mathematics, Statistics or CIS, for example:**
- MATH*3100: Differential Equations II (W) needs MATH*1160 + 2270
- MATH*3510: Biomathematics (W) needs MATH*1160 + 2270
- MATH*3260: Complex Analysis (W) needs MATH*2200
- MATH*3160: Linear Algebra II (W) needs MATH*1160
- STAT*3100: Intro. Mathematical Statistics I (F) needs #2 + 4
- STAT*3110: Intro. Mathematical Statistics II (W) needs STAT*3100
- STAT*3510: Environmental Risk Assessment (W) needs STAT*2050
- STAT*3210: Experimental Design (F-even) needs STAT*2050

Some restrictions may apply. See the Undergraduate Calendar for specific details on this minor or speak with your Faculty Advisor.