

Math Studies Minor - Sample Plans

Beginning with **Math 095 (Intermediate Algebra)**

| Freshman Year | | |
|-----------------------|---|----------|
| Fall | Winter | Spring |
| Math 095 | Math 111 | Math 112 |
| Sophomore Year | | |
| Math 251 CS 161 | Math 252 Math 338* (if offered; alt yrs) | Stat 243 |
| Junior Year | | |
| Math 211 | Math 338* (if not yet taken) | MTHE 333 |

Beginning with **Math 111 (College Algebra)**

| Freshman Year | | |
|-----------------------|---|----------|
| Fall | Winter | Spring |
| Math 111 | Math 112 | Math 251 |
| Sophomore Year | | |
| CS 161 | Math 252 Math 338* (if offered; alt yrs) | Stat 243 |
| Junior Year | | |
| Math 211 | Math 338* (if not taken yet) | MTHE 333 |

Beginning with **Math 251 (Calculus)**

| Freshman Year | | |
|-----------------------|---------------------------------|----------|
| Fall | Winter | Spring |
| Math 251 | Math 252 | Stat 243 |
| Sophomore Year | | |
| Math 211 CS 161 | Math 338* (if offered, alt yrs) | |
| Junior Year | | |
| | Math 338* (if not yet taken) | MTHE 333 |

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In addition, a Mathematics elective should be taken during the Junior year.
Some appropriate possibilities include:

| Elective choices & terms offered | | |
|---|--|---|
| Fall | Winter | Spring |
| Math 341 – Linear Algebra Math 323* - Math Modeling Math 361* - Probability * Math 323/361 alt yrs | Math 355** – Adv Discrete Math ** Math 355/338 alt yrs | Math 231 – Discrete Math Math 452*** – Operations Research ***Math 452 alternate yrs |

NOTE: The sample plan above has Math 211 scheduled for the fall of junior year, but this course could also be taken concurrently with other math courses during any fall or winter term once the prerequisite of Math 095 is satisfied.

TWO-YEAR PLAN: A student prepared for Math 251 can use the above plan to sketch a possible two-year completion of the minor.