

WHAT MATH COURSE SEQUENCE DO I FOLLOW?

Note: This is intended for programs that require mathematics *beyond* the Quantitative Reasoning Requirement.

For more information on the Quantitative Reasoning Requirement, consult the [official website](#) for Student Equity, Access, and Success (SEAS).

| <u>Major/Program</u> | <u>Mathematics Course Sequence</u> | <u>Information</u> |
|--------------------------------------|---|---------------------------|
| Community Development, BA | MATH114QR or MATH115 → MATH125 or ENVSCI 261* | Link |
| Criminology and Criminal Justice, BA | MATH114QR → SOCIOL350 or SOCIOL352 or PSYCH370 | Link |
| Economics, BA* | MATH115 → MATH129 or MATH130 | Link |
| Psychology, BS** | MATH115 → MATH130 → MATH135 or MATH140 or MATH145 | Link |
| Sociology, BA | MATH114QR → SOCIOL350 or SOCIOL352 or PSYCH370 | Link |

* Students may also take MATH125 instead of ECON205: Statistical Methods.

** This program has a BA alternative without a mathematics requirement beyond the Quantitative Reasoning Requirement.

Course Reference

| <u>Course</u> | <u>Name</u> | <u>Prerequisite Course(s)</u> | <u>Minimum ALEKS Score</u> | <u>Minimum SAT/ACT Score</u> |
|----------------------|---|--|----------------------------|------------------------------|
| MATH115 | College Algebra | MATH114QR or 2.7 Converted High School GPA | 44 | 520/20 |
| MATH125 | Introductory Statistics | MATH115 or MATH129 or MATH130 or MATH134 or MATH140 or MATH141 or MATH145 | 51 | 550/23 |
| MATH129 | Managerial Precalculus | MATH115 (B or better) | 59 | 590/25 |
| MATH130 | Precalculus | MATH115 (B or better) | 59 | 590/25 |
| MATH135 ^φ | Survey of Calculus | MATH130 | 66 | 620/26 |
| MATH140 ^φ | Calculus I | MATH130 (B or better) | 74 | 640/27 |
| MATH145 ^φ | Calculus I for Environmental and Health Sciences | MATH130 (B or better) | 74 | 640/27 |
| ENVSCI 261 | Statistics for Environmental Science | MATH114QR or MATH115 or ENVSCI116L or MATH129 or MATH130 or MATH140 or appropriate placement | 51 | 550/23 |
| SOCIOL350 | Social Statistics | SOCIOL101 and MATH114QR or higher or equivalent placement | 44 | 520/20 |
| SOCIOL352 | Criminological Statistics and Data Analysis | SOCIOL101 and MATH114QR or higher or equivalent placement | 44 | 520/20 |
| PSYCH370 | Statistics | PSYCH100 or PSYCH101 and MATH114QR or MATH115 or placement into MATH125 | 51** | 550/23** |

** If using placement into MATH125 to fulfill the prerequisites

φ - Students may only receive credit for one (1) calculus course. If a student has completed MATH134, they will only be able to take MATH135 for reduced credit (MATH135R). If a student has completed MATH134 or MATH135, they will only be able to take MATH140 for reduced credit (MATH140R). Any reduced credit courses require permission from the Mathematics Department. A student may not be enrolled in MATH134, MATH135, and/or MATH140 at the same time.