

Math Requirements by Major

The core curriculum requires all students to take at least one college level math course, MAT 106 or higher. MAT 098 and 102 will not fulfill this requirement. Any other math course numbered 106 or higher will satisfy the requirement; however, **the specific course(s) that you will need to take will be determined by your major.** Some majors require more than one math course. The course you need to take first will be determined by your placement scores. You will meet with your advisor to determine which course you should take first. See the table of math requirements by major below.

Math Courses Freshmen Can Place Into:

MAT 098 Algebra I (developmental)	MAT 114 Elementary Statistics I
MAT 102 Algebra & Applications (formerly MAT 099)	MAT 117 Finite Math
MAT 106 Math for the Liberal Arts	MAT 120 Calculus for Social Science Majors.
MAT 110 College Algebra	MAT 121 Calculus I
MAT 111 Pre-Calculus	MAT 122 Calculus II

In the table below, the courses listed under “Math Requirements” are the minimum courses that must be taken to fulfill the math requirements for the major and the core curriculum. Higher numbered courses may be used to fulfill the requirement. Some majors may require further math courses besides those listed. “Prerequisites” are courses that must be taken before taking the required course(s) if the student does not place into the required course.

Note that MAT 098 is developmental, so the credits for this course do not count towards graduation. The credits for MAT 102 do count towards graduation; however, both MAT 098 and 102 serve only as prerequisites for other courses and **cannot be used to fulfill the math requirement for the Core Curriculum.**

Math Requirements by Major

Major	Math Requirements	Prerequisites
Humanities and Social Sciences Requiring Minimal Math		
Anthropology, Art, Criminal Justice, English, French, History, Human Services, Liberal Studies, Mass Communications, Music, Philosophy, Political Science, Religion, Sociology, Spanish	MAT 106 or higher	MAT 098 Note: MAT 102 is <u>not</u> required for those who need only MAT 106.
Professional Studies		
Accounting, Finance, Information Technology, Management	MAT 114 & 120	MAT 098, 102, 110, 117
Psychology	MAT 110 or higher	MAT 098, 102
Science & Technology		
Biology, Environmental Science: Biology Track	MAT 114 & MAT 121	MAT 098, 102, 110, 111
Biochemistry & Molecular Biology, Chemistry, Environmental Science: Chemistry Track	MAT 122	MAT 098, 102, 110, 111, 121
Computer Science: Applications Track	MAT 120, 213	MAT 098, 102, 110, 117
Computer Science: Math Track	MAT 121, 122, 221, 213, & 1 MAT Elective	MAT 098, 102, 110, 111
Health Science	MAT 110 or higher	MAT 098 & 102
Mathematics	MAT 121, 122, 214, 221, 220, 222, 341, 421	MAT 098, 102, 110, 111
Nursing	MAT 110 or higher & MAT 114	MAT 098 & 102
Physics, Pre-Engineering, Engineering Science	MAT 121, 122, 214, 221, 222	MAT 098, 102, 110, 111