

Math Requirements by Major

The core curriculum requires all students to take at least one college level math course, **MAT 106 or higher**. **MAT 101 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 101 Elementary & Intermediate Algebra	MAT 111 Pre-Calculus
MAT 102 Intermediate Algebra (formerly MAT 099)	MAT 114 Elementary Statistics I
MAT 106A Math for Liberal Arts with Algebra	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

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.

The credits for MAT 101 & 102 do count towards graduation; however, both MAT 101 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, Pan-African Studies, Philosophy, Political Science, Religion, Sociology, Spanish	MAT 106A (for Level 1 placement) or MAT 106 (or higher) -----	level 2 placement or higher
Professional Studies		
Accounting, Finance, Information Technology, Management	MAT 114 & 120	MAT 101 or 102, 110, 117
Psychology	MAT 110 (or higher)	MAT 101 or 102
Science & Technology		
Biology, Environmental Science: Biology Track	MAT 114 & MAT 121	MAT 101 or 102, 110, 111
Biochemistry & Molecular Biology, Chemistry, Environmental Science: Chemistry Track	MAT 122	MAT 101 or 102, 110, 111, 121
Computer Science: Cybersecurity or Gaming Track	MAT 114, 120(or 121), 213	MAT 101 or 102, 110, 117(or 111)
Health Science	MAT 110 or higher	MAT 101 or 102
Mathematics	MAT 121, 122, 214, 221, 220, 222, 341, 421	MAT 101 or 102, 110, 111
Nursing	MAT 110 or higher & MAT 114	MAT 101 or 102
Physics, Pre-Engineering, Engineering Science	MAT 121, 122, 214, 221, 222	MAT 101 or 102, 110, 111