Shippensburg University – Placement Testing

Options for Students Testing at Level 6 in Mathematics

Congratulations! You scored into **Level 6**. You do not need to take a math course to satisfy Mathematics Competency requirements <u>unless your major requires one</u>. However, you may choose to take a math course to satisfy the General Education Category A requirement. Since you are strong in math, it is advised that you consider registering for additional math courses or even consider a math related major/minor, especially if you are considering an <u>education major</u>.

You will build your first semester schedule based on major/ interest area. If you have a declared major, or are interested in, a *Biology, Business, Science, Economics, Math, Computer Science, Teacher Education (middle school certification)* major, you will almost certainly need to register for a math class your first semester. If not, you should meet with your advisor at the start of the semester to determine what changes might be needed.

People with other majors/interests may not be registered into a math class in the first semester. If you chose not to register for a math class, you should consult with your advisor about whether a math class is required, the appropriate math class to take, and the appropriate time to take it. As a handy reference, we have indicated the current math courses required for the various majors in the table below. This list is subject to change. Use the university catalog, The Guidebook for Advising Undergraduate Students, and your academic advisor to properly plan your coursework.

MAJOR	COMPETENCY REQUIREMENT (1 COURSE REQUIRED)	CATEGORY A (1 COURSE REQUIRED)
ART	NO MATH REQUIRED	N/A
APPLIED PHYSICS	211	212
BIOLOGY (all tracks)	211	165
BUSINESS (all tracks)	181	181
CHEMISTRY (all tracks)	211	212
COMMUNICATIONS JOURNALISM	NO MATH REQUIRED	N/A
COMPUTER SCIENCE	211	212
CRIMINAL JUSTICE	NO MATH REQUIRED	N/A**
EARTH SCIENCE-SECONDARY EDUC.	140, 117, 175, or 211	175 or 211**
ECONOMICS/ECONOMICS SEC EDUC.	181 or 211	181 or 211
ENGLISH	NO MATH REQUIRED	N/A
EXERCISE SCIENCE	117	N/A
GEOENVIRONMENTAL STUDIES	140, 175, 117, or 211	N/A
GEOGRAPHY	117	N/A**
GEOGRAPHY-SEC. EDUC.	117	105, 140, 175, or 211
HISTORY	NO MATH REQUIRED	N/A
HUMAN COMMUNICATION STUDIES	NO MATH REQUIRED	N/A
INTERDISCIPLINARY ARTS	NO MATH REQUIRED	N/A
MATHEMATICS	211	212
MODERN LANG. (FRENCH, SPANISH)	NO MATH REQUIRED	N/A
PHYSICS	211	212
POLITICAL SCIENCE	117	N/A
PSYCHOLOGY	NO MATH REQUIRED	N/A
PUBLIC ADMINISTRATION	117	N/A
SECONDARY EDUCATION (all majors)	Required Math	Required Math
SOCIAL WORK	117	N/A
SOCIOLOGY	117	N/A
TEACHER EDUCATION (early childhood)	110	111
TEACHER EDUCATION (middle school)	110	211 and 225
UNDECLARED	SEE AN ADVISOR	SEE AN ADVISOR

^{**} These majors may require a math or computer science course to fulfill the Category A requirement. Check with the department for details.

General Education Math Courses at Shippensburg University

MAT 105—Math for Liberal Studies
MAT 110—Fundamentals of Math I
MAT 117—Applied Statistics
MAT 211—Calculus I

MAT 140—College Algebra