

## Math Placement Chart for Quantitative Reasoning Courses with Prerequisites

On this chart, Math test scores are used for two purposes:

- 1) To award PL status (placed out of) or BE credit (credit earned through testing) (top of table).
- 2) To determine which additional courses you have permission to take/have placed into (bottom of table).

	Test/Score	SAT I	SAT Subject Test in Math					ACT			AP Calculus						IB	
		Math	Level I		Level II			Math			AB			BC			HL Math	
		≤500	≤510	≥520	≤510	520-590	≥600	≤26	27-28	≥29	1	2	≥3	1	2	≥3	≤4	≥5
Credit	MATH 110 PL (0 hrs.)*			✓		✓		✓	✓			✓	✓		✓	✓		✓
	MATH 129 PL (0 hrs.)**								✓			✓	✓		✓	✓		✓
	MATH 231 BE (3 hrs.)											✓			✓			✓
	MATH 232 BE (3 hrs.)														✓			✓
Eligible to enroll in	MATH 110 (if needed)*	✓	✓		✓			✓			✓			✓				✓
	MATH 130 or 152			✓		✓			✓									
	MATH 231							✓		✓		✓			✓			
	MATH 232											✓						
	MATH 233															✓		✓
	Chemistry (CHEM 101, 101L)			✓		✓	✓		✓	✓		✓	✓		✓	✓		✓
	Statistics (STOR 113, 151, 155, 215)			✓		✓	✓		✓	✓		✓	✓		✓	✓		✓

\* In order to take MATH 110 at UNC, you must have a math placement score. If you have only taken the SAT general exam and scored 500 or less on the Math section, you are eligible to enroll in MATH 110. If the only exam you have taken from those shown above is the SAT general exam and you scored higher than 500 on the math section, you will need to take the SAT Subject Test\*\*\* to determine your math placement score and eligibility to enroll in any math course listed above. (You may also gain the MATH 110 PL status by transferring in a course that grants MATH 110 PL status.)

\*\* MATH 129 PL is awarded for placement purposes only; it designates that the student has satisfied the prerequisite to enroll in MATH 231 (Calculus of Functions of One Variable I). MATH 129 PL does not carry credit nor satisfy any General Education requirement.

\*\*\* If after consulting this chart, you discover that you need to take the SAT Math Subject Test, please register as soon as possible through the College Board. Take Level I if you have not yet completed pre-calculus, or Level II if you have completed pre-calculus.

### Common Majors Requiring Math Placement

Natural Science, Mathematics and Health Professions majors and minors have College Algebra (Math 110) as a prerequisite to required quantitative courses and/or course sequences. Some majors in Social and Behavioral Sciences also require MATH 110 as a prerequisite to their courses (see pages 65–67). If you are planning on taking any of the following courses and/or programs of study, you will need to place out of or complete MATH 110. *Additionally: some majors have recommended coursework that require MATH 110 as a prerequisite.*

- Business (requires statistics and a calculus-based course)
- Chemistry (including CHEM 101)
- Economics (major)
- Exercise and Sport Sciences
- Statistics (all STOR classes)
- Math/Calculus (MATH 130 and above)
- Management and Society (major)
- Most science majors (including Psychology BS)
- Pre-Med/Dental course work
- Economics 101 recommends MATH 110 as a pre-req

### SAT Subject Test (SAT II) In Mathematics

- If you have already taken the SAT Subject Test in Mathematics Level 1 and do not intend to begin your math sequence with MATH 231 (see Calculus Sequence and Placement in chart above), there is no need to take the SAT Subject Test in Mathematics Level 2.
- The University recommends that all students who intend to take calculus and do not already have MATH 129 PL (based on the Mathematical Sciences Placement Chart above) to take the SAT Subject Test in Mathematics Level 2.
- If you need to take the SAT Subject Test in Mathematics Level 2, please register for the exam at [collegeboard.org](https://collegeboard.org).