

Math Requirements for Most Majors

Last Revised April 9th, 2020

PLEASE NOTE: Any quantitative reasoning course means MTH 105, 111, 112, 243, 211 *and* 212, or 251.

ALSO, + **more** means at least one more, and for some majors many more math courses (see catalog AND major advisor).

Art	Any quantitative reasoning course
Biology	MTH (243, 251, 252) -or- MTH (243, 244, 251)
Business	MTH 243 for 2015+ Catalogs (just one class)
Chemistry	MTH 112, 251, 252
Forensic Chemistry	+ MTH 243
ACS Chemistry	+ MTH 253, 321
ACS Biochemistry	+ MTH 253, 321
Communication	Any quantitative reasoning course
Computer Science	MTH 251, 252
Criminology	Any quantitative reasoning course (MTH 243 preferred)
Creative Writing	Any quantitative reasoning course
Digital Cinema	Any quantitative reasoning course
Economics	MTH 243 or BA 282, plus EC 332
Education	
Education Studies	MTH 211, 212, 213
Early Childhood Development	Any quantitative reasoning course
Licensure (EC/EL/MS)	Mth 211, 212, 213
Licensure (SPED)	Mth 211
Licensure (HS)	See major area advisor
Emerging Media & Digital Arts	Any quantitative reasoning course
English	Any quantitative reasoning course
Environmental Science and Policy	Math 243 and ES 386
Foreign Languages	Any quantitative reasoning course
Health & Physical Education	MTH 243
Healthcare Administration	MTH 243
History	Any quantitative reasoning course
Human Services	MTH 243
Honors College	HON 243
Innovation and Leadership	Any quantitative reasoning course
International Studies	Any quantitative reasoning course
Mathematics	
Math Major	MTH 243, 251, 252, 253, 261, 281+more
Math Ed Minor	MTH 211, 212, 213, + five 481 topics
Math-Computer Science	MTH 235, 251, 252, 253, 261, 311+more
Financial Mathematics	Mth 243, 251, 252, 253, 281+more

Music

BA/BS	Any quantitative reasoning course
Bachelor of Music-Performance	Any quantitative reasoning course
Bachelor of Music-Education	MTH 211 and 212 recommended
Outdoor Adventure leadership	MTH 243
Political Science	MTH 243
Psychology	MTH 243
Sociology and Anthropology	MTH 243
Theatre Arts	Any quantitative reasoning course

For ALL **Preprofessional Programs**, students are strongly urged to discuss math and other required courses with their advisors; the following is a beginning guideline:

Chiropractic Medicine	MTH 243; MTH 111, 112*
Dental Hygiene	MTH 243; MTH 111*
Law	See Advisor
Medical Technology	MTH 243; MTH 111*
Medicine and Dentistry	MTH 243 & MTH 111,112; MTH 251,252*
Nursing	MTH 95 proficiency ^o ; MTH 243,
Occupational Therapy	MTH 243; MTH 111, 112*
Optometry	MTH 243 & MTH 111,112; MTH 251,252*
Pharmacy	MTH 243 & MTH 111,112; MTH 251,252*
Physical Therapy	MTH 243 & MTH 111,112*
Physician's Assistant	MTH 243 & MTH 111,112; MTH 251,252*
Veterinary Medicine	MTH 243 & MTH 111,112; MTH 251,252*

* Many professional and graduate schools have different Math requirements. What is listed is typical, but these courses may, or may not, be required based on where you plan to apply. Interested students should speak with an advisor.

^o This requirement does satisfy the OHSU Nursing programs, but students interested in Nursing should speak with an advisor for more information about other programs.

Math Placement Score Guide

Math Level	Approved Math Courses
ML or MTL 060	Math 60
ML or MTL 065	Math 65
ML or MTL 095	Math 95
MTL 100	Math 95, 105 or 243
ML 100	Math 95, 105, 211, 243
ML or MTL 111	Math 111, 105, 211, 243
ML or MTL 112	Math 112, 105, 211, 243
ML or MTL 251	Math 251, 105, 211, 243

* **Math Levels (MLs) expire two years from the date of the placement test or SAT.** If you have a ML, make sure to take a math class before your placement expires! If you don't know when your ML expires, contact Math Placement at MathPlacement@sou.edu.

****Math Transfer Levels (MTLs) never expire.**