**Mathematics Core Requirement by Major**

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| Major | Required Math Course for Core |
| Accounting | MA151 or MA251 |
| Biology | MA251 or ST210 or ST265 |
| Biochemistry | MA251 |
| Biology/Psychology (Interdisciplinary) | ST210 or ST265 |
| Business Economics | MA151 or MA251 |
| Chemistry | MA251 |
| Computer Science (BA Degree) | MA251 |
| Computer Science (BS Degree) | MA251 **&** ST210 |
| Data Science | MA251 |
| Economics (BA) | MA151 or MA251 |
| Elementary Education | ST110 or ST210 |
| Engineering (Computer, Electrical, Materials, Mechanical) | MA251 |
| Environmental Science (BS) & Environmental Studies (BA)\* | ST210 (ST110 may be selected instead for Env. Studies (BA) with the *Env. Humanities* Concentration) |
| Finance | MA151 or MA251 |
| Forensic Science (BA) | ST110 or ST210 |
| Forensic Science (BS) | ST210 |
| Global Studies | ST110 or ST210 |
| Info Systems & Data Analytics | MA151 or MA251 |
| International Business | MA151 or MA251 |
| Management | MA151 or MA251 |
| Marketing | MA151 or MA251 |
| Mathematics | MA251 **&** ST210 |
| Nursing (BSN) | ST210 or ST265 |
| Physics | MA251 |
| Psychology | ST110 or ST210 or ST265 |
| Sociology | ST110 or ST210 or ST265 |
| Speech Language Hearing Sciences | ST110 or ST210 |
| Statistics | MA251 **&** MA252 |
| Sustainability Management | MA151 or MA251 |

\*Majors not listed above may take any math or statistics course (with the exception of MA005, MA103 and MA104) to fulfill the mathematics core requirement. The most commonly selected math courses for majors not listed above are **MA113**, **MA117 & MA119**, which have no pre-requisites.

**If Your Placement Score Isn’t High Enough for the Required**

**Math Course for your Major:**

\*If you need **MA151 or MA251** for your major, but did not place high enough on the math placement exam and did not have high school CALCULUS, you will need to start with either MA109 (by itself) or MA005 AND MA109 (together) (depending on your placement score).

MA109: Precalculus (with or without MA005, depending on placement score)

MA151: Applied Calculus or MA251: Calculus I

\*If you need **ST210 or ST265** for your major, but did not place high enough on the math placement exam, you will need to start with MA109 (with or without MA005, depending on placement score)

MA109: Precalculus (with or without MA005, depending on placement score)

ST210: Introduction to Statistics or ST265: Biostatistics

***\*Students can retake the math placement exam after spending a minimum of 5 hours on the exam’s practice modules. Please notify AASC at 410-617-5050 or*** [***aasc@loyola.edu***](mailto:aasc@loyola.edu) ***if you retake the placement exam.***