“Do I need to take the Math Placement Test?”

If you are pursuing or plan to pursue a major or pre-health track that has a calculus requirement, you will need Math Placement Testing unless you have an exemption (see other side of handout).

Placement Testing is also required for MATH 125 and CS 112; however, any major that requires these courses also requires MATH 113.

The programs listed reflect the minimum Calculus requirement for that major. Additional higher level math courses may also be required.

The two semester sequence of MATH 123 & 124 is the equivalent of MATH 113 and can be taken instead.

MATH 113 can satisfy the MATH 108 requirement, but MATH 108 cannot satisfy the MATH 113 requirement.

Placement testing is not required for MATH 106, MATH 110, or MATH 111.

For more information about program requirements for majors: https://catalog.gmu.edu/programs/
for pre-health: https://prehealth.gmu.edu/professions/

Pre-Optometry
Pre-Pharmacy
Pre-Veterinary Medicine
Pre-Medicine (recommended)
Pre-Physical Therapy (recommended)
Pre-Physician Assistant (recommended)

CCB - Costello College of Business
CEC - College of Engineering and Computing
CHSS - College of Humanities and Social Sciences
COS - College of Science

https://advising.gmu.edu
“What score do I need on the Math Placement Test?”

<table>
<thead>
<tr>
<th>Score</th>
<th>Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-54</td>
<td>MATH 008 (self-paced Algebra course)</td>
</tr>
<tr>
<td>55-64</td>
<td>MATH 105 Precalculus</td>
</tr>
<tr>
<td>55-100</td>
<td>MATH 108 Business Calculus</td>
</tr>
<tr>
<td>65-100</td>
<td>MATH 123 Calculus I with Precalculus (part A) MATH 125 Discrete Mathematics</td>
</tr>
<tr>
<td>80-100</td>
<td>MATH 113 Calculus I CS 112 Intro to Computer Programming</td>
</tr>
</tbody>
</table>

For more information about Math Placement Testing: [https://science.gmu.edu/academics/departments-units/mathematical-sciences/mathematical-sciences-testing-center](https://science.gmu.edu/academics/departments-units/mathematical-sciences/mathematical-sciences-testing-center)

If you do not earn a score for direct placement into the course you need for your program, you will need to follow the sequence below starting with the course that you place into.

You are, however, encouraged to remediate and retake the exam to earn the score you need for direct placement.

PLACEMENT TEST EXEMPTIONS

- A score of 3 or higher on AP Calculus exam will allow placement into Math 113 and CS 112. Students will also receive credit for Math 123 and may choose to take Math 124 to fulfill their Calculus I requirement.*

- A score of 4 or higher on IB HL Analysis and Approaches exam will allow placement into Math 113 and CS 112.*

- Students who have received transfer credit for Math 103T may register for Math 105, Math 108, or Math 125.

*department override required, see website for Course Override Form