

The tables below list the various math placements, rules for how placement is determined, and courses for which the placement fulfills the MTH prerequisite.

<b>1. MTH 108</b>
<i>Rules: SAT/ACT + HS GPA chart † shows a MTH 108 placement, or MTH 110 proficiency test score of 9 or lower. If no SAT/ACT, HS GPA 3.2 or lower.</i>
<b>Ready to take MTH 108 (if needed for major), MTH 126* or MTH 131*</b>

<b>2. MTH 108 Fulfilled</b>
<i>Rules: SAT/ACT + HS GPA chart † shows MTH 108 fulfilled, MTH 110 proficiency test score of 10 to 16, or completion of MTH 108 or equivalent. If no SAT/ACT, HS GPA 3.21 to 3.7.</i>
<b>Ready to take MTH 110 (if needed for major)</b>

<b>3. MTH 110 Fulfilled</b>												
<i>Rules: SAT/ACT + HS GPA chart † shows MTH 110 fulfilled, MTH 110 proficiency test score of 17 to 25, or completion of MTH 110 or equivalent. If no SAT/ACT, HS GPA 3.71 or higher.</i>												
<b>Ready to take any course with MTH 110 as the only MTH prerequisite:</b>												
<table> <tr> <td>ACC 201</td> <td>FIN 300, 320</td> </tr> <tr> <td>BIO 121**</td> <td>GPY 200*, HTM 273</td> </tr> <tr> <td>CHM 100**, 115</td> <td>MTH 122*, 124*, 125*</td> </tr> <tr> <td>CIS 101*, 160*, 162</td> <td>PHY 200, 216</td> </tr> <tr> <td>ECO 200, 210, 211</td> <td>SST 311</td> </tr> <tr> <td>EGR 306</td> <td>STA 215*</td> </tr> </table>	ACC 201	FIN 300, 320	BIO 121**	GPY 200*, HTM 273	CHM 100**, 115	MTH 122*, 124*, 125*	CIS 101*, 160*, 162	PHY 200, 216	ECO 200, 210, 211	SST 311	EGR 306	STA 215*
ACC 201	FIN 300, 320											
BIO 121**	GPY 200*, HTM 273											
CHM 100**, 115	MTH 122*, 124*, 125*											
CIS 101*, 160*, 162	PHY 200, 216											
ECO 200, 210, 211	SST 311											
EGR 306	STA 215*											

<b>4. MTH 122 Fulfilled</b>						
<i>Rules: score of 9 to 15 on the MTH 122 proficiency test, or completion of MTH 122 or equivalent.</i>						
<b>Ready to take any course with MTH 122 as the only MTH prerequisite:</b>						
<table> <tr> <td>All courses in Box 3</td> <td>GEO 445</td> </tr> <tr> <td>CHM 116</td> <td>MTH 123*, 225, 312</td> </tr> <tr> <td>CIS 163</td> <td>NRM 320, 452</td> </tr> </table>	All courses in Box 3	GEO 445	CHM 116	MTH 123*, 225, 312	CIS 163	NRM 320, 452
All courses in Box 3	GEO 445					
CHM 116	MTH 123*, 225, 312					
CIS 163	NRM 320, 452					

<b>5. MTH 122 &amp; 123 Fulfilled</b>						
<i>Rules: SAT/ACT + HS GPA chart † shows MTH 122 &amp; 123 fulfilled, scores of 9 to 15 on both the MTH 122 &amp; MTH 123 proficiency tests, completion of MTH 122 &amp; 123 or MTH 124 or the equivalent, or has taken AP Calculus.</i>						
<b>Ready to take any course with MTH 122 &amp; 123 (or 124) as the only MTH prerequisite:</b>						
<table> <tr> <td>All courses in Box 3 or 4</td> <td>MTH 201*, 204</td> </tr> <tr> <td>CMB 452</td> <td>PHY 220 ††</td> </tr> <tr> <td>GEO 311</td> <td></td> </tr> </table>	All courses in Box 3 or 4	MTH 201*, 204	CMB 452	PHY 220 ††	GEO 311	
All courses in Box 3 or 4	MTH 201*, 204					
CMB 452	PHY 220 ††					
GEO 311						

**Notes:**

- + Maximum scores: ACT math (36), SAT math (800), MTH 110 proficiency (25); 122 and 123 proficiency (15).
- + If your placement is not MTH 122 & 123 Fulfilled, but you have passed AP Calculus with at least a C (even if you didn't take the AP Exam), ask your advisor to request your placement be updated to 122 & 123 Fulfilled.
- + If you have successfully completed International Baccalaureate courses and exams, please work with an academic advisor to determine your current mathematics placement.
- + Placement in any of these categories does not grant credit for any GVSU General Education requirements and may or may not satisfy the mathematics requirements of specific majors or programs. For more information, contact the department in question.
- + Mathematics proficiency testing is available to change any student's initial placement. For more information, visit [www.gvsu.edu/s/mv](http://www.gvsu.edu/s/mv).

† If student has both SAT/ACT MTH score and HS GPA, initial placement is by the chart at <http://gvsu.edu/s/2xT>. If a student has no SAT/ACT score, initial placement is by HS GPA as noted in 1, 2, and 3 above, with highest "MTH 110 Fulfilled". ACT scores are converted to SAT scores via concordance tables.

†† The Physics Department recommends completion of MTH 123, a score of 9 or higher on the MTH 123 proficiency test, an SAT math subscore of 740 or higher, or an ACT math subscore of 33 or higher before enrolling in PHY 220.

\* denotes a General Education Foundation Mathematical Sciences Course

\*\* MTH 110 may be taken concurrently