### Majors by Placement Level

Majors are listed by the math placement level necessary to begin all major courses without taking additional math prerequisites. Students with placement scores below those identified here can still pursue these majors. Students can take prerequisite coursework to ensure that the student has the necessary math skills for their area of study. Students with a placement at or above the noted placement level for their major do not need to take math courses beyond what is required for the major. Students with questions should contact their academic advisor or the Academic Advising Center (406) 994-3532.

<table>
<thead>
<tr>
<th>Level 5</th>
<th>Level 4 - Continued</th>
<th>Level 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 27 - SAT 640 or 32</td>
<td>ACT 25 - SAT 600 or 30</td>
<td>ACT 23 - SAT 570 or 28.5</td>
</tr>
<tr>
<td>MPLEX 50</td>
<td>MPLEX 40</td>
<td>MPLEX 30</td>
</tr>
<tr>
<td>These majors require at least one of the following courses, all of which require Level 5 Placement: M 171Q, M 165Q, PHSX 220, PHSX 240, EMEC 103 (for ME), EEE 101</td>
<td>These majors require at least one of the following courses, all of which require Level 4 placement: ACTG 201, BMIS 211, CHMY 141, CSCI 127, EBIO 101, ECM 100, EMEC 103, PHL 236Q, PHSX 205</td>
<td>These majors require at least one of the following courses, all of which require Level 3 placement: CHMY 121IN, ECNS 101IS, ENSC 245IN, M 121Q, M 132, STAT 216Q</td>
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</tbody>
</table>

- Biological Engineering
- Cell Biology & Neuroscience
- Chemical Engineering
- Chemistry: Professional
- Civil Engineering
- Computer Engineering
- Computer Science: All options
- Construction Engineering Tech
- Earth Sciences: Geology
- Earth Sciences: Paleontology
- Earth Sciences: Snow Science
- Electrical Engineering
- Environmental Engineering
- Financial Engineering
- Industrial & Mgmt Systems Engineering
- Mathematics: All Options
- Mechanical Engineering
- Mechanical Engineering Tech.
- Physics: All Options

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<td>ACT 25 - SAT 600 or 30</td>
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- Earth Sci: GIS & Planning Analysis
- Economics
- Environmental Sci: All Options
- Food & Nutrition: Nutrition Science
- Hlth, Human Performance: Exercise Sci
- Hlth, Human Performance: Kinesiology
- Microbiology: All Options
- Plant Science: Biotechnology
- Plant Science: Plant Biology
- Pre-Med In Take
- Pre-Veterinary Medicine
- Secondary Ed: Gen Sci Broadfield
- Technology Education: All Options

- Agricultural Education: All Options
- Animal Science: Equine Science
- Animal Sci: Livestock Mgmt. & Industry
- Anthropology
- Early Childhood ED, P-3 (M 132)
- Earth Sciences: Geography
- Elementary Education (M 132)
- Environmental Horticulture: All Options
- Food & Nutrition: Dietetics
- Hospitality Management: Food Enterprise
- Liberal Studies: Env. Studies
- Nat Resource Rangeland Eco: All Options
- Nursing
- Agricultural Education: All Options
- Animal Science: Equine Science
- Animal Sci: Livestock Mgmt. & Industry
- Anthropology
- Early Childhood ED, P-3 (M 132)
- Earth Sciences: Geography
- Elementary Education (M 132)
- Environmental Horticulture: All Options
- Food & Nutrition: Dietetics
- Hospitality Management: Food Enterprise
- Liberal Studies: Env. Studies
- Nat Resource Rangeland Eco: All Options
- Nursing

- American Studies
- Art: All Options
- Asian Studies
- Associate of Arts (Gallatin College)
- Associate of Science (Gallatin College)
- Aviation (Gallatin College)
- BFA: Integrated Lens-Based Media
- Community Health
- Early Child Ed & Child Services: Child Dev
- English: All Options
- Film
- Health Enhancement K-12 Teaching
- History: All Options
- Hospitality: Lodging & Facility
- Hospitality: Rest Management
- Human Dev & Family Sci: All Options
- Lib Studies: Global & Multicultural
- Liberal Studies: Quaternity (both options)
- Mod Lang & Lit: French & Francophone
- Mod Lang & Lit: French K-12 Teach.
- Mod Lang & Lit: German K-12 Teach.
- Mod Lang & Lit: German Studies
- Mod Lang & Lit: Hispanic Studies
- Mod Lang Lit: Latin Amer, Latino Studies
- Mod Lang & Lit: Spanish K-12 Teach
- Music: All Options
- Philosophy: All Options
- Political Science
- Psychology
- Secondary Ed: Social Studies Broadfield
<table>
<thead>
<tr>
<th>Prerequisites</th>
<th>Courses</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>M 065 Pre-Algebra M 085 Pre-Algebra - Mastery Learning</td>
<td>Either course serves as prerequisite for Level 2</td>
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<tr>
<td>Prerequisites</td>
<td></td>
<td></td>
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<tr>
<td>Level 2H</td>
<td>ACT 21, SAT 530 or 26.5 M PLEX 20</td>
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<tr>
<td></td>
<td>M 096 Survey of Algebra M 097 Survey of Algebra - Mastery Learning</td>
<td></td>
</tr>
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<td>Prerequisites</td>
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<td></td>
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<tr>
<td>Level 3H</td>
<td>ACT 23, SAT 570 or 28.5 M PLEX 30</td>
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<tr>
<td></td>
<td>M 121 Q College Algebra M 132 Numbers &amp; Ops for K-8 Teachers STAT 216Q Intro to Statistics Other courses requiring Level 3 placement: CHMY 121N, ECNS 101S, ENSC 245IN</td>
<td>M 121Q is prerequisite for Level 4 M 132 is for ELED &amp; P-3 Teaching only STAT 216Q is not a Level 4 prereq</td>
</tr>
<tr>
<td>Prerequisites</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 4</td>
<td>ACT 25, SAT 600 or 30 M PLEX 40</td>
<td></td>
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<tr>
<td></td>
<td>M 151Q Precalculus M 161Q Survey of Calculus Other courses requiring Level 4 placement: ACTG 201, BIOH 185, BMIS 211, CHMY 141, CSCI 127, EBIO 100, EMEC 100, EMEC 103 (MET), PHSX 205</td>
<td>M 151Q is the prerequisite for Level 5 M 161Q is not a prerequisite for Level 5</td>
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<tr>
<td>Prerequisites</td>
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<tr>
<td>Level 5</td>
<td>ACT 27, SAT 640 or 32 M PLEX 50</td>
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<td></td>
<td>M 165Q Calculus for Technology I M 171Q Calculus I Other courses requiring Level 5 placement: EELE 101, PHSX 220, PHSX 240, EMEC 103 (ME)</td>
<td>Prerequisite for M 166Q Prerequisite for M 172</td>
</tr>
</tbody>
</table>

### Non-Business, Non-Stem Track - Math Requirements Vary by Major - See MSU Catalog for Complete Degree Requirements

<table>
<thead>
<tr>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>Level 1</td>
<td>M 088 Mathematical Literacy</td>
<td>Prerequisite for M 105Q</td>
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<tr>
<td>Prerequisites</td>
<td></td>
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<tr>
<td>Level 2L</td>
<td>ACT - 17, SAT 460 or 23 M PLEX 20</td>
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<tr>
<td></td>
<td>M 105Q and M 005 Contemporary Mathematics Co-Requisite</td>
<td>3 credits of Math 105Q and 1 credit of M 005 CoRequisite support</td>
</tr>
<tr>
<td>Prerequisites</td>
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<tr>
<td>Level 3L</td>
<td>ACT 22, SAT 550 or 27.5 M PLEX 30</td>
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<tr>
<td></td>
<td>M 105Q Contemporary Mathematics</td>
<td>Can be a prerequisite for STAT 216Q</td>
</tr>
</tbody>
</table>

Students should confirm the math course(s) required for their degree in the MSU Catalog or in their DegreeWorks profile. Please be sure to talk to your academic advisor about any questions you have. Students can also contact the Academic Advising Center at 406-994-3532.

Please note that most Galatin College programs do not require a specific math placement. Only those programs listed on the previous page have specific requirements.