

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.

Level 5

ACT 27 - SAT 640 or 32 - MPLEX 50

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), EELE 101

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

Level 4 - Continued

ACT 25 - SAT 600 or 30 - MPLEX 40

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

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

Level 3

ACT 23 - SAT 570 or 28.5 - MPLEX 30

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

Plant Science: Crop Science
 Photonics and Laser Tech (Gallatin College)
 Sociology: All Options
 Sustainable Food and Bioenergy Sys: All Options

Level 3 - M 105Q ONLY

ACT 22 - SAT 550 or 27.5 - MPLEX 30

Unless noted, these majors accept any Q Core class. Most students take M 105Q.

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
 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

Level 4

ACT 25 - SAT 600 or 30 - MPLEX 40

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

Ag Business: Agribusiness Mgmt
 Ag Business: Farm & Ranch Mgmt
 Animal Science: Science
 Architecture/Environmental Design
 Biological Sci: Conservation Bio
 Biological Sci: Fish Wildlife Mgmt
 Biological Sciences: Organismal Bio
 Biological Sciences: Teaching
 Biotechnology: All Options
 Business: All Options
 Cell Biology & Neuroscience: Biomed
 Chemistry: Biochemistry
 Chemistry: Teaching

Level 3

ACT 23 - SAT 570 or 28.5 - MPLEX 30

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

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: All Options
 Liberal Studies: Env. Studies
 Nat Resource Rangeland Eco: All Options
 Nursing