

Majors by Placement Level

Majors are listed by the math placement level necessary to begin all major courses without taking additional courses or supplemental credits. 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 placement scores below those identified can still pursue their intended major. Students can take prerequisite math coursework, or complete the EdReady Initial Math Placement and a study path to determine their best placement. Questions? Contact your assigned Academic Advisor or call the Academic Advising Center at (406) 994-3532.

Level 500

These majors require at least one of the following courses, all of which require Level 500 Placement: M 171Q, M 165Q, PHSX 220, PHSX 240, EMEC 103 (for ME), ELEE 101

Biological Engineering
Biomedical Engineering
Chemical Engineering
Chemistry: Professional
Civil Engineering
Computer Engineering
Computer Science: All options
Construction Engineering Tech
Data Science
Electrical Engineering
Environmental Engineering
Financial Engineering
Industrial & Mgmt Systems Engineering
Mathematics: All Options
Mechanical Engineering
Mechanical Engineering Tech.
Physics: All Options

Level 400

These majors require at least one of the following courses, all of which require Level 400 placement: ACTG 201, BMIS 211, CHMY 141, CSCI 127, EBIO 101, ECHM 100, EMEC 100, EMEC 103 (MET), M 151Q, M 161Q, PHSX 205

Ag Business: All Options
Animal Science: Science
Applied Technology Mgmt: All Options
Architecture/Environmental Design
Biological Sci: Conservation Bio
Biological Sci: Fish Wildlife Mgmt
Biological Sciences: Organismal Bio
Biological Sciences: Teaching
Biotechnology: All Options
Cell Biology & Neuroscience: Biomed
Biochemistry: All Options
Business: All Options *Chemistry: Teaching
Earth Sciences: Geology
Earth Sciences: GIS & Planning Analysis
Earth Sciences: Paleontology
Earth Sciences: Snow Science
Economics: All Options
Environmental Sci: All Options
Food & Nutrition: Nutrition Science

Level 400 - Continued

These majors require at least one of the following courses, all of which require Level 400 placement: ACTG 201, BMIS 211, CHMY 141, CSCI 127, EBIO 101, ECHM 100, EMEC 100, EMEC 103 (MET), M 151Q, M 161Q, PHSX 205

Kinesiology: Exercise Science
Microbiology: All Options
Plant Science: Biotechnology
Plant Science: Plant Biology
Pre-Med Intake
Pre-Veterinary Medicine
Secondary Ed: Gen Science Broadfield

Level 300

These majors require at least one of the following courses, all of which require Level 300 placement: CHMY 121IN, ECNS 101IS, EBME 100, EGEN 105, ENSC 245IN, ETEC 106, M 121Q, M 132, STAT 216Q

Agricultural Education: All Options
Animal Science: Equine Science
Animal Sci: Livestock Mgmt. & Industry
Associate of Sci: Pre-Health Option (GC)
Aviation Electronics Technology*
Early Childhood Ed, P-3 Teaching
Earth Sciences: Geography
Elementary Education
Environmental Horticulture: All Options
Food & Nutrition: Dietetics
Hospitality Management: All Options
Liberal Studies: Env. Studies
Nat Resource Rangeland Eco: All Options
Nursing
Photonics and Laser Tech (Gallatin College)
Plant Science: Crop Science
Political Science *
Ranching Systems
Sociology: All Options
Sustainable Food & Bioenergy: All Options

Level 100 (Gallatin College only)

No official math placement necessary - enrollment required in either M 108, M 111, or WLDG 104.

Carpentry
Culinary Arts
Drafting and CAD Technology
HVAC-R
Welding Technology

Level 250

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

American Studies
Anthropology
Art: All Options
Asian Studies
Associate of Arts (Gallatin College)
Associate of Science (Gallatin College)
Aviation (Gallatin College)
Bachelor of Fine Arts: All Options
Community Health
English: All Options
Film
Health Enhancement K-12 Teaching
History: All Options
Human Dev & Family Sci: All Options
IT Cybersecurity & Info Assurance (GC)
IT Network Technology (Gallatin College)
Integrated Lens-Based Media
Interior Design (Gallatin College)
Kinesiology: Health and Fitness *Liberal Studies: Global & Multicultural
Liberal Studies: Quaternity
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
Photography
Psychology
Secondary Ed: Social Studies Broadfield

No Math Required (Gallatin College only)

Although no specific math course is required, basic mathematical knowledge may be expected.

Behavioral Health
Bookkeeping
Business Management (Prof Cert)
CNC Machining (all options)
Healthcare Administrative Professional
Hospitality (CAS)
Law Enforcement
Medical Assistant
Medical Laboratory Assistant
Phlebotomy

* See Advisor for more information

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