

# Mathematics Prerequisite Flowchart Montana State University

## LEVEL 1

**M 088\***  
Mathematical Literacy  
4 cr.

**M065\*/ M085\***  
Prealgebra  
4 cr.

## LEVEL 3 ACT - 22 SAT - 520

**M 145Q**  
Math for the Liberal Arts  
3 cr.

**M 147Q**  
Language of Math  
3 cr.

**M 149Q**  
Secrets of the Infinite  
3 cr.

**STAT 201Q**  
Stat in the World  
3 cr.

## LEVEL 2 ACT - 21 SAT - 500

**M096\* / M097\***  
Survey of Algebra  
4 cr.  
\*\*See Note

## LEVEL 3 ACT - 23 SAT - 540

**M121Q**  
College Algebra  
3 cr.

**M 132**  
**LEVEL 3.6**  
Number and Operation for K-8 Teachers  
3 cr.  
**PREREQUISITES:**  
Level 3 on the MPLEX  
Or  
ACT - 23  
SAT - 540  
Or  
A C- or better in M 121

**STAT 216Q**  
**LEVEL 3.5**  
Introduction to Statistics  
3 cr.  
**PREREQUISITES:**  
A C- or better in any 100 level M course  
Or  
ACT - 23  
SAT - 540  
*\*Level 3.5 is met by passing into Level 3 and the Statistics portion of the MPLEX Exam.*

## LEVEL 4 ACT - 25 SAT - 580

**M 151Q**  
Precalculus  
4 cr.

**M 161Q**  
Survey of Calculus  
4 cr.

## LEVEL 5 ACT - 27 SAT - 620

**M 165Q**  
Calculus for Technology I  
3 cr.

**M 171Q**  
Calculus I  
4 cr.

**Notes:**

*\*Indicates the class is being taught through Gallatin College.*  
*\*\* M 096 / M 097 meet the prerequisite for any level 3 course, including M 121, M 145Q, M 147Q, M 149Q and STAT 201.*  
**"Q"** Indicates the class satisfies the Core Quantitative Reasoning requirement.