Bloomsburg · **LOCK HAVEN** · **MANSFIELD**

COMMONWEALTH UNIVERSITY

Mathematics Minor

This checklist is based on the current academic catalog and is subject to change. Students should meet with their academic advisor each semester and use Degree Works to monitor their individual progress toward completion of the minor.

Curriculum Checklist

REQUIRED COURSES (15 Credits Required)
____ Math 160: Calculus 1
____ Math 170: Calculus 2
____ Math 250: Discrete Mathematics
____ Math 270: Calculus 3

ELECTIVES (6 Credits Required)
____ Math 340: Linear Algebra
____ Stat 340: Statistical Software
____ Stat 342: Design and Analysis of Experiments
____ Stat 343: Applied Regression Analysis
____ Math 350: Combinatorics and Graph Theory
____ Math 355: Coding Theory and Cryptology
____ Math 360: Modern Geometry
____ Math 370: Differential Equations
____ Math 380: Number Theory
____ Math 401: Financial Mathematics for Actuarial Science
____ Math 402: Probability Theory for Actuarial Science
____ Math 410: Mathematical Modeling
____ Math 440: Theory of Computation
____ Stat 446: Biostatistics
____ Math 480: Abstract Algebra 1
____ Math 482: Real Analysis
____ Math 484: Partial Differential Equations
____ Math 486: Complex Variables
____ Math 488: Introduction to Topology
____ Math 490: Abstract Algebra 2
____ Math 492: Real Analysis 2

Total Credits *Required for the Minor (21* Credits)

Campus Locations

Bloomsburg	☐ Online; ☒ In-person; ☒ Blended
Lock Haven	☐ Online; ☒ In-person; ☒ Blended
Mansfield	☐ Online, ☒ In-person; ☒ Blended
Clearfield	☐ Online; ☐ In-person; ☐ Blended