Minor in Mathematics: Secondary Education Program
Check Sheet - Effective Fall, 2015

Mathematics minors in the secondary education program must earn a minimum of 24 credits in mathematics subject to the restrictions outlined below.

A student minoring in mathematics must complete at least 6 upper-level credits in mathematics at UW-Platteville. These credits must be from courses numbered above 3100, with the exception that Math 2730 Discrete Mathematics may be part of the 6 credits. The 6 credits completed at UW-Platteville may include repeats of courses taken at another campus.

All of the following:

- Math 2640 Calculus and Analytic Geometry I (4 credits)
- Math 2740 Calculus and Analytic Geometry II (4)
- Math 2840 Calculus and Analytic Geometry III (4)
- Math 3130 College Geometry (3)
- Math 3230 Linear Algebra (3)
- Math 3330 Modern Algebra (3)
- Math 4030 Statistical Methods with Applications (3)

Required Courses Not Included in the 24 Credit Minimum

Teaching Requirement:
- Math 3020 Teaching of Mathematics in the Middle and Secondary School (3)

Computer Science Requirement (one of the following):
- CoSc 1130 Introduction to Programming
- CoSc 1430 Programming in C++

Natural Science Requirement (one of the following):
- Chem 1140 General Chemistry (4)
- Chem 1450 Chemistry for Engineers (5)
- Phys 2240 General Physics I (4)

Note: Other mathematics courses which may be taken for additional credit are listed on the back of this sheet.
The following mathematics courses may be taken for additional credit.
(All courses carry 3 credits unless otherwise indicated.)

Math 2730  Discrete Mathematics
Math 3630  Differential Equations I
Math 3730  Numerical Analysis
Math 3830  Differential Equations II
Math 4040  Statistics and Probability
Math 4320  History and Development of Mathematical Concepts
Math 4330  Theory of Numbers
Math 4430  Advanced Calculus
Math 4530  Complex Variables
Math 4620  Topics in Modern Mathematics (1-3 credits)
Math 4660  Cooperative Field Experience (1-8 credits)
Math 4920  Independent Study in Mathematics (1-3 credits)