

College of Science
Mathematics Minor

CHECK SHEET
For students graduating in calendar year 2017

I. **Required Mathematics Courses** (16 credits)

A. Calculus:

PATH 1:

MATH 1205 Calculus 3 ()
 MATH 1206 Calculus 3 ()
 MATH 1224 Vector Geometry 2 ()
 MATH 2224 Multivariable Calculus 3 ()

OR

PATH 2:

MATH 1225 Calculus of a Single Variable I 4 ()
 MATH 1226 Calculus of a Single Variable II 4 ()
 MATH 2204 Intro to Multivariable Calculus 3 ()

B. Linear Algebra, ODE's:

MATH 1114 Elementary Linear Algebra 2 ()
 MATH 2214 Intro. to Differential Equations 3 ()

II. **Math Electives (9 hours).**

Any 9 hours of MATH courses numbered 3000 or higher with the following exceptions.

- MATH 2534 Intro to Discrete Mathematics (3) *may* be used.
- The following may **not** be used:
 - MATH 3054 Programming For Mathematical Problem Solving (3)
 - MATH 4044 History Of Mathematics (3)
 - MATH 4625, 4626 Mathematics For Secondary Teachers (3)
 - MATH 4644 Secondary School Mathematics With Technology (3)
 - MATH 4654 Capstone Thesis And Seminar (3)
 - MATH 4664 Senior Math Education Seminar (3)
 - MATH 4974 Independent Study (3)
 - MATH 4994 Undergraduate Research (3).
- MATH 4984 Special Study may be used *only* if permission is granted by the associate head for undergraduate students.
- CMDA 3605, 3606 Mathematical Modeling: Methods and Tools and CMDA 4604 Intermediate Topics in Mathematical Modeling *may* be used.

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Note: Enrollment opportunities in some of these courses may be limited for nonmajors.

III. **Total Hours.** 25 semester credits required.

IV. **Minimum GPA.** The courses used to satisfy the minor requirements must be completed with a combined GPA of 2.0 or higher.

Note: Course duplications or nonmathematics substitutions are not acceptable in lieu of the specific courses indicated above.