## College of Science
### Mathematics Minor

TENTATIVE Checksheet expected to apply to most students entering in Fall 2014

I. **Required Mathematics Courses (17 credits)**

   A. Calculus:
   
   - 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 2114 Intro to Linear Algebra 3 ( )
   - 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.** 26 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 non-mathematics substitutions are not acceptable in lieu of the specific courses indicated above.