

Actuarial Science, BS

Placement Exams for the Major:

Please note that all tests below are timed tests that can only be attempted once. Please take a moment to prepare. Please make sure your calculator has fresh batteries or is fully charged. During the test, please turn off all distractions.

1. [Math Placement Test](#) - Only if your SAT MAT was less than 550 or your ACT MAT was less than 22. Take this online placement test as soon as possible and prior to registering for classes. If you don't pass the Math Placement Test with a score of 10 or higher, then register for MAT 1001.
2. [Calculus Readiness Test](#) - You must take Calculus (MAT 1110) for this major and therefore need to take this test regardless of your SAT or ACT score.

First-Year Student Course Recommendations:

1. RC 1000 or UCO 1200 if there are seats available. If not, it's fine to take both classes in the spring semester.
2. Enroll in **MAT 1110: Calculus I** if you meet the prerequisites. If not, enroll in MAT 1025: Pre-Calculus or MAT 1001: Foundations in Mathematics & Mindsets, depending on your placement scores. **See the Math Guide for more information.**
3. Enroll in a General Education Designation or Category course.*
4. Enroll in a General Education Science Inquiry course.
5. Enroll in a General Education **Wellness Literacy** course.

*Look for a **Category** course (Sustainability & Climate Literacy, Intercultural Literacy, or Humanity & Its Systems) that also carries a **Designation**: Historical Studies (HS), Fine Arts (FA), Literary Studies (LS)** or Social Sciences (SS). **NOTE**: ECO 2030 meets the Social Science (SS) designation, counts in the Humanity & Its Systems category, and counts in the major.

**Note: English (ENG) Literary Studies (LS) designation courses have a prerequisite of RC 1000.

GOAL: Register for at least 15 hours of classes. You can adjust your schedule (i.e., add and drop classes) as needed through the end of the drop/add period.

[Having trouble registering?](#)

- Review the [Student Self-Service Guide](#) for Registration instructions and videos.
- If the courses above are closed, [add yourself to waitlists](#).
- Then add appropriate classes from page 2 of the [2025-2026 Checksheet](#) until you have registered for 12-15 total hours.
- Use the [Gen Ed Requirements in the Bulletin](#) to look up Gen Ed course descriptions.
- Use this [Course Prefixes/Subjects list](#) to know which subject to choose in the Class Search in AppalNet.
- Rewatch the [Gen Ed video in PREP](#) to better understand the Categories and Designations components of Gen Ed.

- All English Literary Studies: ENG xxxx (LS) designation courses have a prerequisite of R C 1000, First Year Writing (R C = Rhetoric & Composition.)
- BOONE CAMPUS students: Here is a [color-coded 2-page General Education checksheet](#) (updated 3x/day) that shows which Boone Campus Gen Ed classes have open seats.

Alternative Courses for Your First Semester:

Can't get into the classes above? Try these:

- Add yourself to a waitlist for the appropriate math course (MAT 1110, 1025, or 1001 depending on your placement scores).
- An additional **Designation or Category course(s).
- A [Foundations of American Democracy \(FAD\) course](#) **unless** you've already met this requirement (check DegreeWorks).
- ECO 2030

Student Success Electives

Are you looking for a class to help you build your skills to be successful in college and help you adjust to college life? Check out these elective courses: [College Success Seminar](#) and [Academic Success Courses](#).

Updated by: C. Anderson, 4/22/25