

BIOLOGICAL SYSTEMS ENGINEERING, BS

HOW TO GET IN

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CURRENT UW-MADISON STUDENTS

Entry to this professional program requires students to meet the five admission requirements detailed below. Students are admitted as pre-Biological Systems Engineering until they meet the admission criteria listed below. **Admission eligibility must be confirmed by the department.**

1. Must complete a minimum of 24 degree credits.
2. Must complete a minimum of 17 graded credits of calculus, statistics, chemistry, statics, and physics courses required for a BSE degree.
3. Must have a math and science grade point average (M&SGPA) of at least 2.65 with a minimum grade of C in every course used to calculate the M&SGPA. The M&SGPA is based on:
 - a. MATH (<https://guide.wisc.edu/courses/math/>) courses numbered 221 and above (MATH 228 is excluded)
 - b. STAT (<https://guide.wisc.edu/courses/stat/>) courses numbered 324 and above
 - c. CHEM (<https://guide.wisc.edu/courses/chem/>) courses (all)
 - d. PHYSICS (<https://guide.wisc.edu/courses/physics/>) courses numbered 201 and above
 - e. E M A 201
 - f. BSE 380
4. For any course that a student repeats, only the most recent grade will be used in the M&SGPA calculation. Any transfer course from another university that is included in the previous list must be included in the GPA calculation.
5. Must be in good academic standing—i.e., not on academic probation or dropped status.
6. Must successfully complete introductory chemistry (CHEM 103 & CHEM 104, or CHEM 109, or equivalent) and math through MATH 222.

Students must meet the admissions criteria listed above before they receive admission to the Biological Systems Engineering professional degree program. Students with fewer than 30 credits at the time they declare the pre-BSE major must achieve full admission to the professional program within three regular semesters from the time of pre-BSE major declaration. Students with 30 or more credits at the time they declare the pre-BSE major must achieve full admission within two regular semesters of transferring into the program. Students who do not meet full admission criteria according to these time limits will not be allowed to continue in the pre-BSE program.

PROSPECTIVE UW-MADISON STUDENTS

All prospective UW-Madison students must apply through the Office of Admissions and Recruitment (<https://www.admissions.wisc.edu/>).

Students interested in this major should select Biological Systems Engineering as the first choice major on their UW-Madison application. Admitted students who enroll at UW-Madison and attend Student

Orientation, Advising, and Registration (SOAR) with the College of Agricultural and Life Sciences have the option to declare pre-Biological Systems Engineering at SOAR. More information is available here (<https://cals.wisc.edu/academics/undergraduate/future-students/>).