

OFFICIAL REGULATIONS REGARDING ENROLLMENT, SCHOLARSHIP, AND GRADUATION FOR UNDERGRADUATES IN THE COLLEGE OF ENGINEERING OF
UNIVERSITY OF WISCONSIN-MADISON

PROGRESSION: SECTIONS 3-9

3. First Year Progression Requirements

To guarantee progression in a College of Engineering (CoE) degree program (major) after direct admission or to switch between engineering degree programs, students must complete the following requirements after their first two semesters of residency at UW-Madison. Students who do not meet the first year progression requirements to guarantee progression in a degree program (major) can be considered for progression (Regulation 4) or extension (Regulation 5).

Course and Credit Requirements:

- A. 24 graded credits completed at UW-Madison. English as a Second Language course credits count toward the 24 credit minimum.
- B. Engr Comm 1 course taken at UW-Madison. If Engr Comm 1 is completed through placement test, test credit (AP/IB), or transfer credit, then a liberal studies course of at least 3 credits with a breadth designation of Humanities, Literature, or Social Sciences must be taken on a graded basis at UW-Madison.
- C. Introduction to Engineering course specified by degree program; InterEGR 170 is recommended for Engineering Undecided students.
- D. Math course sequence through Math 222.
- E. Four Foundational Courses as defined in 3.E.1, 3.E.2, and 3.E.3 completed at UW-Madison:
 1. **Math Foundation:** A minimum of two math courses numbered 221 or higher; one math course 300 level or higher; or calculus sequence completed through Math 234. Excludes Math 228, Math 473, special topics, independent study, seminar, pass/fail, and credit/no credit courses.
 2. **Engineering Foundation:** A minimum of two courses as defined in the table below.

Degree Programs (Majors)	Engineering Foundation
Chemical Engineering	(i) One course must be Chemistry 104 or higher (ii) One course must be Physics 201/EMA 201 or higher <i>If (i) and (ii) are complete, select from additional engineering foundation courses below.</i>
Aerospace Engineering Biomedical Engineering Civil Engineering Computer Engineering Electrical Engineering Engineering Mechanics Engineering Physics Environmental Engineering Geological Engineering Industrial Engineering Materials Science and Engineering Mechanical Engineering Nuclear Engineering	(i) One course must be Chemistry 104 or higher OR Physics 201/EMA 201 or higher (ii) One other engineering foundation course, from the following subject codes: • Chemistry • EMA 201, EMA 202, EMA 303 • Physics 201 and above • Statistics, calculus-based • Computer Sciences 200, 220, 300 or above, excluding CS 304 • Excludes special topics, independent study, seminar, pass/fail, and credit/no credit courses

3. If the math and engineering foundational courses for the degree program are complete, then degree program engineering courses 200 level and above can be taken to complete the Four Foundational Courses requirement. Excludes EPD, InterEGR, special topics, independent study, seminar, pass/fail, and credit/no credit courses.

GPA Requirements:

- F. To guarantee progression, Core and Overall GPA requirements must be satisfied as defined by CoE departments for each engineering degree program (major) <https://intranet.engineering.wisc.edu/undergraduate-students/progression/>. All graded UW-Madison courses referenced in 3.E.1. and 3.E.2. above and any departmental engineering courses level 200 or above will be counted in the Core GPA (excludes EPD, InterEGR, special topics, independent study, and seminar courses). All graded UW-Madison courses are counted in the Overall GPA. For one and only one of these core courses that a student has repeated, the more recent of the two grades will be used in the calculation of Core and

Overall GPAs. Students are not eligible for guaranteed progression if they have earned a D or F in any course that counts towards the Core GPA without repeating it for a C or higher at UW-Madison, or have been on academic probation at any time.

4. Consideration for Progression

Students who do not meet progression GPAs but have at least a 2.500 Core GPA and meet all other progression requirements will be considered for progression in the selected degree program (major). The consideration process includes review of written statement(s), rigor of completed courses, and grade trends.

5. Extension for First Year Progression Requirements

Students who do not meet the requirements in Regulation 3 or Regulation 4 may be considered for a one semester extension but not beyond their fourth semester. Students granted this type of extension will be considered for progression in the selected degree program (major). The consideration process includes review of written statement(s), rigor of completed courses, and grade trends. Extensions will be evaluated only in cases where it is reasonable during the one semester extension to meet progression GPAs for an engineering program.

6. Placement Continuation for First Year Progression Requirements

Students who will not meet progression requirements due to University of Wisconsin placement and/or assessment tests (math and ESL) will be granted a one semester placement continuation up to their fourth semester if they are making satisfactory progress in a degree program (major). Students who receive a placement continuation and complete the requirements outlined in Regulation 3A-F over the summer term with UW-Madison coursework can be evaluated for guaranteed progression at the end of that summer term.

7. Program Capacity

When the number of applications for progression consideration for a degree program (major) exceeds the capacity of that program, progression will be limited to capacity. Selection of students under consideration for a program operating at capacity will be based on written statement(s), rigor of completed courses, and grade trends.

8. Progression Requirement Completion and Extension Application

Students must submit their request for progression for a degree program (major) or an extension to the Dean's office by the deadline. Deadlines will be posted on the College of Engineering website at <https://intranet.engineering.wisc.edu/undergraduate-students/progression/> and emailed to students in the College of Engineering.

9. Consideration for Interdepartmental Transfer

Students who have previously met progression in a degree program (major) may apply to be considered for interdepartmental transfer to a different engineering program by posted deadlines. Interdepartmental transfer may be competitive and is not guaranteed. Selection is based on the academic record, written statement(s), and program capacity.