



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

PROGRESSION: SECTIONS 3-7

3. First Year Progression Requirements

To automatically progress 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:

- A. 24 credits completed at UW-Madison. Special topics, independent study, seminar, pass/fail, and credit/no credit courses will not be included in the 24 credits except for required English as a Second Language courses.
- B. General Education Communications Part A (Comm A) requirement. If Comm A is not completed as a graded course at UW-Madison (i.e. completed through placement test, 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 or InterEGR 170 for Engineering Undecided students.
- D. Math course sequence through Math 222 or Math 276
- E. Four core courses, required for engineering degree programs (majors), completed at UW-Madison, as defined below:
  - 1. **Math:** A minimum of two math courses numbered 217 or above; or one math course 300 level or above. If the math requirement for the degree program (major) is complete or the student has completed the calculus sequence through Math 234, then additional math courses numbered 217 or above or additional courses from the science requirement in Regulation 3.E.2. can be taken to complete the four core course requirement. Excludes Math 228, Math 473, special topics, independent study, seminar, pass/fail, and credit/no credit courses.
  - 2. **Science:** A minimum of two science courses required for engineering degree programs (majors) as defined in the table below. If the math and science requirements for the degree program are complete, then departmental engineering courses 200 level and above can be taken to complete the four core course requirement. Excludes EPD, InterEGR, special topics, independent study, seminar, pass/fail, and credit/no credit courses.

Degree Programs (Majors)	Science
Chemical Engineering	(i) one course must be Chemistry 104 or higher (ii) one course must be Physics 201/EMA 201 or higher <i>If above two requirements are completed, select from additional science courses below.</i>
Biomedical Engineering Civil Engineering Computer Engineering Electrical Engineering Engineering Mechanics Engineering Physics Geological Engineering Industrial Engineering Materials Science and Engineering Mechanical Engineering Nuclear Engineering	(i) one course must be either Chemistry 104 or higher OR Physics 201/EMA 201 or higher  (ii) one other science course, from the following: <ul style="list-style-type: none"> <li>• Chemistry, all classes</li> <li>• EMA 201, EMA 202, ME 240</li> <li>• Physics 201 and above</li> <li>• Statistics, calculus-based</li> <li>• EP 271</li> <li>• Computer Sciences 200, 220, and 300 or above, excluding CS 304</li> <li>• excludes special topics, independent study, seminar, pass/fail, and credit/no credit courses</li> </ul>

- F. Core and Overall GPA requirements must be satisfied as defined by CoE departments for each engineering degree program (major) (<http://progression.engr.wisc.edu>). All graded UW-Madison courses referenced in E.1. and 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 may not be on academic probation for GPA reasons for automatic completion of first year progression requirements.

Students who do not meet the first-year progression requirements to automatically progress in a degree program (major) can be considered for non-automatic progression (Regulation 4) or extension (Regulation 5).

#### **4. Consideration for Non-Automatic Progression**

Students who do not meet progression GPAs but meet all other progression requirements will be considered for progression in degree program (major). The consideration process includes review of written statement, rigor of completed courses, and grade trends.

#### **5. Extension for First Year Progression Requirements**

- A. 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 extension up to their fourth semester if they are making satisfactory progress in a degree program (major).
- B. Students who do not meet the requirements in Regulation 3 may apply for a one semester extension but not beyond their fourth semester. Students granted extensions will be considered for non-automatic progression in degree program (major). The consideration process includes review of written statement, rigor of completed courses, and grade trends. Extensions will be evaluated only in cases where it is mathematically possible during the one semester extension to meet progression GPAs for intended program.

#### **6. Diversity of Student Body**

When the number of non-automatic considerations and/or applications for admission to a degree program (major) exceed the capacity of that program, progression and admission will be limited to capacity. In order to implement the University's goals of achieving a heterogeneous and diverse student body, selection of students under consideration or admission to a program operating at capacity will be based on demographic background, written statement, rigor of completed courses, and grade trends.

#### **7. Progression Requirement Completion and Extension Application**

Students are required to submit to the Dean's office an application for progression for a degree program (major) or an application for an extension by the deadline. Deadlines will be posted on the College of Engineering website at <http://progression.engr.wisc.edu> and emailed to students in the College of Engineering.