



MINIMUM ADMISSION REQUIREMENTS FOR CROSS-CAMPUS STUDENTS

AMENDED FOR SPRING 2020

This document outlines the minimum requirements for admission consideration to a degree program in the College of Engineering (CoE). Admission is competitive and dependent on program capacity. The admissions committee considers applicants' grades/grade trends, academic rigor, and personal statement. **Meeting minimum requirements does not guarantee admission to a CoE degree program.**

Cross-campus students may apply a maximum of two times, so long as they have earned 80 or fewer credits at time of application, (excluding AP/IB/CLEP/A-Level credits, credits awarded by exam, retro credits, credits from Community College of the Air Force or from Military Service Schools awarded on a Joint Services transcript, and credits in-progress/completed during the current semester).

Amended: Applications for Fall 2020 (submitted at the end of the Spring 2020 semester) will not count as one of the two application attempts, and credits earned in the Spring 2020 semester will be excluded from the 80 credit maximum.

- A. 24 credits completed at UW-Madison, including at least one full-time (12 credit hour) semester. Special topics, independent study, seminar, pass/fail, and credit/no credit courses will not be included in the 24 credits except for English as a Second Language courses. **Courses with SD grades are included in these credits.**
- B. General Education Communications Part A (Comm A) requirement taken on a graded basis **or SD grade** at UW-Madison. If the Comm A requirement has been satisfied through placement test, AP/IB, or transfer credit, then a liberal studies course of at least 3 credits (breadth designation of Humanities, Literature, or Social Sciences) must be taken on a graded basis **or SD grade** at UW-Madison.
- C. Math course sequence through Math 222 or Math 276.
- D. 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 D.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)	Core Science Course Requirements
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"> • Chemistry, all classes • EMA 201, EMA 202, ME 240 • Physics 201 and above • Statistics, calculus-based • EP 271 • Computer Sciences 200, 220, and 300 or above, excluding CS 304 • excludes special topics, independent study, seminar, pass/fail, and credit/no credit courses

- E. All graded UW-Madison courses referenced in D.1. and D.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 count 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 for admission purposes. Students may not be considered for admission if on academic probation for GPA reasons at time of review.

At least 3 courses referenced in E. must be graded (A-F) to be considered for admission. 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. An SD in a repeated course will not replace the original grade in the Core and Overall GPA calculation.