

## MINIMUM ADMISSION REQUIREMENTS FOR CROSS-CAMPUS STUDENTS

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 credits earned Spring 2020, 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). Students may apply to only one engineering degree program per admissions cycle.

- A. 24 credits completed at UW-Madison, including at least one full-time (12 credit) 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.
- B. General Education Communications Part A (Comm A) requirement taken on a graded basis 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 at UW-Madison.
- C. Math course sequence through Math 222.
- D. Four Foundational Courses completed at UW-Madison, as defined in D.1. and D.2.:
  1. **Math Foundation:** A minimum of two math courses numbered 221 or above; one math course 300 level or above; 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. If the math and engineering foundational requirements 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.

| Degree Programs (Majors)                                                                                                                                                                                                                                                                                  | Engineering Foundation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Chemical Engineering                                                                                                                                                                                                                                                                                      | (i) one course must be Chemistry 104 or higher<br>(ii) one course must be Physics 201/EMA 201 or higher<br><i>If above two requirements are completed, select from additional engineering foundation courses below.</i>                                                                                                                                                                                                                                                                                                        |
| Biomedical Engineering<br>Civil Engineering<br>Computer Engineering<br>Electrical Engineering<br>Mechanical Engineering<br>Physics<br>Environmental Engineering<br>Geological Engineering<br>Industrial Engineering<br>Materials Science and Engineering<br>Mechanical Engineering<br>Nuclear Engineering | (i) one course must be Chemistry 104 or higher OR Physics 201/EMA 201 or higher<br><br>(ii) one other engineering foundation course, from the following subject codes: <ul style="list-style-type: none"> <li>• Chemistry</li> <li>• EMA 201, EMA 202, EMA 303</li> <li>• Physics 201 and above</li> <li>• Statistics, calculus-based</li> <li>• Computer Sciences 200, 220, 300 or above, excluding CS 304</li> <li>• excludes special topics, independent study, seminar, pass/fail, and credit/no credit courses</li> </ul> |

- E. Students who meet course/credit requirements and have a Core GPA below 2.500 would not be considered for admission in their selected engineering degree program (major) without an appeal process. All graded UW-Madison courses referenced in D.1. and D.2. above and any degree program 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.