



## Admission for IDES or MDE Professional Programs

This policy applies to students considered “new beginners” into Purdue. The policy does NOT apply to transfer students; see Transfer Admission Requirements policy for details.

Admission into the IDES or MDE professional programs as a “new beginner” is based on two criteria:

- 1) Completion of all requirements listed below for FYE.
- 2) Space availability based on limits communicated by the College of Engineering (CoE)

### Requirements for First Year Engineering (FYE)

The requirements listed here are applicable for students with a "catalog term" of 2017 or higher (typically students who first entered Purdue in the Fall 2016 term or later). For students with catalog terms from Fall 2014 to Spring 2016. Students with a catalog term prior to Fall 2014 should contact an FYE advisor.

[Course descriptions of required courses](#) and a [FYE Plan of Study](#) are also available.

These requirements were approved by the Engineering Curriculum Committee, on behalf of the faculty of the College of Engineering, on April 22, 2014 (EFD 35-14), with amendments in EFD 70-16 and EFD 09-17.

I. To complete FYE and be eligible for consideration for entry into an Engineering degree program, a student must complete the following courses:

1. ENGR 13100, ENGR 14100, ENGR 16100, or [EPCS 11100 and EPCS 12100]
2. ENGR 13200, ENGR 14200, ENGR 16200 or ENGR 13300
3. MA 16100 or MA 16500
4. MA 16200, or MA 16600, or MA 17300
5. CHM 11500 or [CHM 11100 and CHM 11200]
6. PHYS 17200 or [ENGR 16100 and ENGR 16200]
7. A science selective course, chosen from:
  - a. CHM 11600
  - b. CS 15900
  - c. BIOL 11000
  - d. BIOL 11100
  - e. BIOL 13100
  - f. BIOL 12100 and BIOL 13500
  - g. ENGR 14100 and ENGR 14200 for students who entered Purdue prior to Fall 2017 only



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8. Two of the following four courses:
- a course that meets the Written Communication Foundational Outcome (typically ENGL 10600 or ENGL 10800)
  - a course that meets the Oral Communication Foundational Outcome (typically COM 11400)
  - GS 10000 (this option is available only for students who have a TOEFL score in their student record)
  - GS 10100 (this option is available only for students who have a TOEFL score in their student record).

II. Minimum Grades: Earned grades must be **C– or better for any course used** to meet the requirements above, if the grade posts to the Purdue transcript.

III. Grade Average: To complete FYE, the **student's cumulative GPA must be of 2.00 or greater, and an Engineering Admissions Index (EAI) must be 2.00 or greater**. Calculation of the EAI is equivalent to the calculation of GPA for courses used to meet all FYE requirements 1-9 above. If a student meets a requirement in more than one way, only one will be used to calculate the EAI. The FYE Curriculum Committee will be responsible for keeping an updated, clear, and universal set of rules for determining which course is used in EAI for these situations. These rules are available to students in the FYE Advising office.

VI. Total Number of Credits: Students must earn a total of at least 30 credits.

Formal Doc Created: 5/18/2018; Web posting **Effective Fall 2017**: <https://engineering.purdue.edu/ENE/Academics/FirstYear/FYEReqs>

