The College of Engineering is looking for an overall GPA that indicates likely success in engineering. To transfer into the College of Engineering, students must have demonstrated success in math, science and engineering courses (grades of A’s and B’s in these foundation subjects with no grade lower than a C). At a minimum, transfer students must have completed Calculus I and the equivalent of either Iowa's Principles of Chemistry I or Introductory Physics I (e.g. the first semester of Chemistry designed for majors or the first semester of Calculus-based Physics). Students may transfer into engineering upon the successful completion of the Calculus and Chemistry or Physics; it is not necessary to have 24 hours earned.

The following courses may be required depending upon the major selected: Biomedical and chemical majors require a year of college-level chemistry. Industrial engineering majors require an introductory psychology course.

The University of Iowa Course | UI Sem Hrs | Iowa State Equivalent | ISU Sem Hrs
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RHET:1030 | Rhetoric | 4 | Engl 150 Critical Thinking & Communication | 3
 | (4sh limit of rhetoric applies to degree) | Engl 250 Written, Oral, Visual & Electrical Computation | 3
 |  | SpCm 212 Fundamentals of Public Speaking | 3

CHEM:1110 | Principles of Chemistry I | 4 | Chem 167 General Chemistry for Engineering Students | 4
 |  | Chem 167L General Chemistry for Engineers Lab | 1

PHYS:1611 | Introductory Physics I | 4 | Phys 221 Introduction to Classical Physics I | 5
 |  | Phys 222 Introduction to Classical Physics II | 5

 |  | Math 265 Calculus III | 4

MATH:1560 | Eng. Math II – Multiple Variable Calculus*** | 4 | Math 207 Matrices & Linear Algebra OR Math 510 Linear Algebra | 3
 |  | Math 266 Elementary Differential Equations OR Math 267 Elementary Differential Equations with Laplace Trans | 4

 |  | Engr 160 Engineering Problems with Computer Lab OR E E 185 Introduction E E & Problem Solving OR Cpr E 185 Introduction to Problem Solving I | 3
 |  | E M 274 Statics of Engineering | 3

ENGR:1100 | Engineering Problem Solving I | 3 | Mat E 273 Mechanics of Materials | 3

ENGR:1300 | Engineering Problem Solving II | 3 | Mat E 234 Principles of Material Science & Engineering | 3

ENGR:2110 | Engineering Fundamentals I - Statics | 2 | Mat E 273 Mechanics of Materials | 3


**Students must have completed Calculus I, II, and III to receive credit for Engineering Math II.

GENERAL EDUCATION COMPONENT (GEC)

Students must earn at least 15 semester hours of approved course credit. The requirements are the following: Complete 3 s.h. of an Engineering Be Creative class, 3 s.h. from one of the approved CLAS GEC categories, and 9 s.h. of Approved Course Subjects. For a list of all approved courses go to [https://www.engineering.uiowa.edu/general-education-component-starting-summer-2015](https://www.engineering.uiowa.edu/general-education-component-starting-summer-2015).

TRANSFER ADMISSIONS REQUIREMENTS

The College of Engineering is looking for an overall GPA that indicates likely success in engineering. To transfer into the College of Engineering, students must have demonstrated success in math, science and engineering courses (grades of A’s and B’s in these foundation subjects with no grade lower than a C). At a minimum, transfer students must have completed Calculus I and the equivalent of either Iowa's Principles of Chemistry I or Introductory Physics I (e.g. the first semester of Chemistry designed for majors or the first semester of Calculus-based Physics). Students may transfer into engineering upon the successful completion of the Calculus and Chemistry or Physics; it is not necessary to have 24 hours earned.

ADDITIONAL INFORMATION

The University of Iowa College of Engineering | Iowa State University
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2134 Seams Center Iowa City, IA 52242 | Engineering Admissions
Phone: (319) 335-5763 or (800) 553-4692 | 314 Alumni Hall
Email: engineering-admissions@uiowa.edu | Ames, IA 50011

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