

Industrial Engineering, MS

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Industrial Engineering, MS

Course	Title	Hours
Academic Career		
Any Semester		
30 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^{a, b}		
Graduate College program GPA of at least 3.25 is required. ^c		
Hours		0
First Year		
Fall		
ENGR:7270	Engineering Ethics ^d	1
ISE:5000	Graduate Seminar: Industrial Engineering ^e	1
Analytics focus area course ^f		3
Human factors focus area course ^f		3
Elective course ^g		3
Elective course ^g		3
Hours		14
Spring		
ISE:5000	Graduate Seminar: Industrial Engineering ^e	1
Systems focus area course ^f		3
Elective course ^g		3
Elective course ^g		3
Elective course ^g		3
Hours		13
Second Year		
Fall		
ISE:5000	Graduate Seminar: Industrial Engineering ^e	1
Elective course ^g		3
Elective course ^g		3
Hours		7
Total Hours		34

a Must include at least 12 s.h. of graduate-level courses at the 5000 level or above. All students must also select one graduate-level ISE course from each of three focus areas: analytics, human factors, and systems.

b Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

c Graduate College program GPA is comprised of all courses that are approved degree requirements. If a student takes more than the minimum required number of semester hours to complete the degree, but all courses taken are eligible to count toward the degree, those courses will be included in the Graduate College program GPA.

d Students must enroll in ENGR:7270, typically in the first or second semester of enrollment; does not count towards total semester hours for the degree.

e ISE:5000 must be taken in the first two consecutive semesters of enrollment, and one semester (fall or spring) in subsequent academic years; does not count towards total semester hours for the degree.

f See the General Catalog for list of approved courses.

g Work with faculty advisor to determine appropriate graduate elective coursework and sequence.