

# Industrial, Manufacturing and Systems Engineering - Undergraduate

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## Programs

### BACCALAUREATE DEGREE

- [Industrial Engineering BS](https://catalog.uta.edu/archives/2025-2026/engineering/industrial/undergraduate/industrial-engineering-bs/) (<https://catalog.uta.edu/archives/2025-2026/engineering/industrial/undergraduate/industrial-engineering-bs/>)

### FAST TRACK

- [Industrial Engineering BS to MS Fast Track](https://catalog.uta.edu/archives/2025-2026/engineering/industrial/undergraduate/industrial-engineering-bs-to-ms-fast/) (<https://catalog.uta.edu/archives/2025-2026/engineering/industrial/undergraduate/industrial-engineering-bs-to-ms-fast/>)

### CERTIFICATE

- [Unmanned Vehicle Systems Certificate](https://catalog.uta.edu/archives/2025-2026/engineering/industrial/undergraduate/unmanned-vehicle-systems-industrial-engr-cert/) (<https://catalog.uta.edu/archives/2025-2026/engineering/industrial/undergraduate/unmanned-vehicle-systems-industrial-engr-cert/>)

### MINOR

- [Industrial Engineering Minor](https://catalog.uta.edu/archives/2025-2026/engineering/industrial/undergraduate/industrial-engineering-minor/) (<https://catalog.uta.edu/archives/2025-2026/engineering/industrial/undergraduate/industrial-engineering-minor/>)

## Industrial Engineering Undergraduate Policies

In addition to [College of Engineering Undergraduate Policies](https://catalog.uta.edu/archives/2025-2026/engineering/#policiestext) (<https://catalog.uta.edu/archives/2025-2026/engineering/#policiestext>), the following specific policies apply to Industrial Engineering students.

### ORAL COMMUNICATION AND COMPUTER USE COMPETENCY REQUIREMENTS

Students majoring in Industrial Engineering may use COMS 2302, to demonstrate oral communication competency. Students majoring in Industrial Engineering are required to take IE 1325 INTRODUCTION TO DATA ANALYSIS, where a computer competency examination will be administered. For transfer students and others who do not take IE 1325 INTRODUCTION TO DATA ANALYSIS, the computer literacy test will be administered by the University.

### ADVANCEMENT INTO INDUSTRIAL ENGINEERING PROFESSIONAL PROGRAM

Requirements for advancement into the Professional Program in Industrial Engineering are in accordance with those in the College of Engineering with the added stipulations that:

- No professional Industrial Engineering course may be taken unless the student is admitted into the professional program or obtains the consent of the Undergraduate Advisor. Professional courses may be taken, in one and only one semester, to fill out a schedule in the semester that the last pre-professional course is taken.
- Each student must complete all pre-professional courses stipulated under "Requirements for a Bachelor of Science Degree in Industrial Engineering" with a minimum grade of C in each course and a minimum GPA of 2.5 in each of three categories: (1) overall, (2) required math, science, and engineering courses, and (3) required IE courses. In addition, there may be no more than four repeats of pre-professional engineering courses.

Most professional Industrial Engineering courses are offered only once a year. Students are urged to plan their course sequence schedules carefully to avoid delaying their graduation

### PROFESSIONAL COURSE GRADE REQUIREMENT

All professional courses, which are pre-requisites for other courses, must be completed with a minimum grade of C in each course.