

**Bachelor of Science (BS)**

This is a guide based on the 2025-2026 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

**CURRICULUM CHECKLIST**

**91 hours required – No minor required**

- IM300 Technical Communication (3)
- IM301 Industrial Safety Supervision (3)
- IM309 Science, Technology, and Society (3)
- IM311 Statistical Process Control (3)
- IM317 Internship (3)
- IM410 Manufacturing Research in a Global Society (3)
- IM419 Industrial Supervision (3)
- IM506 Projects in IET (3)
- MA116 Precalculus A (3)
- MA117 Precalculus B (3)
- MI101 Introduction to Computer Applications (3)
- MN220 Engineering Econ Analysis (3)
- PH106/107 Physical Concepts/Lab (4)
- SW207 Understand Cultural/Social Diversity (3)

**Choose 3 hours:**

- CH181 Basic Principles of Chemistry (3)
- GO110 Physical Geology (3)

**Industrial & Safety Management Option (45 hours):**

- EG301 Industrial Ergonomics (3)
- ET160 Basic Electric Circuits (3)
- ET304 Intro Prog Logic Circuits (3)
- EV453 Occupational Health (3)
- EV454 Risk Assessment Appl (3)**
- EV455 Industrial Hygiene (3)
- IM313 Facilities Planning (3)
- IM411 Total Quality Assurance (3)
- IM417 Manufacturing Resource Analysis (3)
- MN120 Fund of Engr Design Processes (3)
- MN170 Industrial Materials & Testing (3)
- MN203 Industrial Materials & Process I (3)
- MN260 Technical Computer Programming (3)

**Choose 6 hours from:**

- CM143 Construction Methods and Materials I (3)
- CM243 Construction Methods and Materials II (3)
- FM504 Facilities Management (3)
- IM405 Innovation for a Lean Enterprise (3)
- IM515 Advanced Technical Communication (3)
- MN319 Statics & Strength of Materials (3)
- MN324 Mechanical Design Processes (3)

**General Education Requirements** – some requirements may be fulfilled by coursework in major program.

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

**SAMPLE FOUR-YEAR PLAN**

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
<b>FIRST YEAR</b>	UI100	1	IM301	3
	EN100	3	MA117	3
	MA116	3	MN170	3
	MI101	3	General Education	3
	MN120	3	General Education	3
	<b>Total</b>	<b>13</b>	<b>Total</b>	<b>15</b>
<b>SECOND YEAR</b>	CH181/GO110	3	MN260	3
	ET160	3	MN304	3
	IM300	3	General Education	3
	MN203	3	General Education	3
	PH106/107	4	General Education	3
	<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>
<b>THIRD YEAR</b>	ET304	3	EG301	3
	EV453	3	IM419	3
	IM311	3	MN220	3
	Major elective	3	SW207	3
	General Education	3	General Education	3
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>
<b>FOURTH YEAR</b>	<b>EV454</b>	<b>3</b>	EV455	3
	IM309	3	IM410	3
	IM313	3	IM417	3
	IM411	3	IM506	3
	Elective	4	Major elective	3
	<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>

*\*Many major courses are on a set rotation and thus dependent on when prerequisite courses are completed. The actual semester a course is taken may vary based on the rotation.*

**Degree requirements for all students:** a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.

*A minimum 2.0 GPA in the major and overall are required to graduate with a BS degree.*



Revised  
3/3/2025

2025-2026 *degree map*

