

Bachelor of Science (BS)

This is a guide based on the 2024-2025 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

Required Courses:

- ___ 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 3-5 hours:

- ___ CH181 Basic Principles of Chemistry (5)
- ___ GO110 Physical Geology (3)

Construction Management & Design Option (45 hours):

- ___ CM126 Computer Aided Architectural Drafting (3)
- ___ CM143 Construction Methods & Materials I (3)
- ___ CM226 Residential Architectural Drafting & Design (3)
- ___ CM243 Construction Methods & Materials II (3)
- ___ CM260 Computer Methods of Construction Managers (3)
- ___ CM310 Building Codes & Compliance (3)
- ___ CM315 Construction Contracts & Legal Issues (3)
- ___ CM320 Construction Cost Estimating (3)
- ___ CM322 Commercial Architectural Drafting & Design (3)
- ___ CM325 Building Mechanical & Electrical Systems (3)
- ___ CM330 Construction Planning & Scheduling (3)
- ___ CM343 Construction Surveying & Testing (3)
- ___ CM410 Construction Project Administration (3)
- ___ CM510 Building Information Modeling (3)
- ___ IM515 Advanced Technical Communication (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
FIRST YEAR	UI100	1	CM243	3
	EN100	3	IM301	3
	CM126	3	MA117	3
	CM143	3	General Education	3
	MA116	3	General Education	3
	MI101	3		
	Total	16		Total
SECOND YEAR	CH181/GO110	3-5	IM300	3
	CM226	3	IM309	3
	CM310	3	IM506	3
	CM320	3	PH106/107	4
	General Education	3	SW207	3
	Total	15-17		Total
THIRD YEAR	CM260	3	CM315	3
	CM330	3	CM322	3
	MN220	3	CM343	3
	General Education	3	CM510	3
	General Education	3	IM317	3
Total	15		Total	15
FOURTH YEAR	CM325	3	CM410	3
	IM311	3	IM410	3
	General Education	3	IM419	3
	General Education	3	IM515	3
	Elective	3		
Total	15		Total	12

**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
6/5/2024

2024-2025 *degree map*

