



Degree Map

CATALOG YEAR: 2021-2022

Degree: BSET

MAJOR: Engineering Technology

The major map illustrates one path to completing your major, based on faculty members' advice on course sequence and course schedule. This document provides general direction.

Course	Cr. Hrs.		Course	Cr. Hrs.
FIRST YEAR				
Semester: Fall	Total Credit Hours: 17		Semester: Spring	Total Credit Hours: 17
ENGL 1010 Writing Composition I	3		ENGL 1020 Writing Composition II	3
ENGR 1020 Connections to ET	1		HIST 2010 Early US History	3
MATH 1730 Pre-calculus Mathematics	5		MATH 1845 Technical Calculus	3
CHEM 1110 or CHEM 1010	4		MET 2000 Occupational Safety	2
ENGR 1110 Engineering Graphics	2		Humanities/Fine Arts Elective	3
MET 1100 Intro to Manufacturing ET	2		Humanities/Fine Arts Elective	3
Course	Cr. Hrs.		Course	Cr. Hrs.
SOPHOMORE YEAR				
Semester: Fall	Total Credit Hours: 15		Semester: Spring	Total Credit Hours: 16
ENGL 2130, 2235, or 2330 Literature	3		ECON 2020 Principles of Macroeconomics	3
ECON 2010 Principles of Microeconomics	3		HIST 2020 Modern US History	3
ENGR 1120 Programming for Engineers	2		MET 2400 Statics and Strength of Material	3
MET 2065 Metal Manufacturing Tech	2		PHYS 2020 or PHYS 2120	4
MET 2615 ET Ethics and Professionalism	1		PSY 1030 Intro to Psychology	3
PHYS 2010 or PHYS 2110	4			
Course	Cr. Hrs.		Course	Cr. Hrs.
JUNIOR YEAR				
Semester: Fall	Total Credit Hours: 15		Semester: Spring	Total Credit Hours: 15
ACCT 3720 Survey of Accounting	3		COMM 2025 or PC 2500 Comm	3
BMGT 3510 Mgmt and Org Behavior	3		ECON 3610 Business Statistics I	3
ME 3010 or MET 3100	3		MET 3003 Principles of Metal Casting	3
MET 3303 CAD for Technology	3		MET 3200 Apply Electricity and Electronics	3
MET 3713 Methods Design and Work Meas	3		MET 3403 Applied Machine Elements	3
Course	Cr. Hrs.		Course	Cr. Hrs.
SENIOR YEAR				
Semester: Fall	Total Credit Hours: 14		Semester: Spring	Total Credit Hours: 15
Area of Concentration ²	3		Area of Concentration ²	3
Area of Concentration ²	3		Area of Concentration ²	3
FIN 3210 Principles of Managerial Finance	3		Area of Concentration ²	3
MET 3150 Maintenance Technology I	2		LAW 2810 Business in Legal Env and Ethics	3
MKT 3400 Principles of Marketing	3		MET 4620 Senior Projects	3

Notes:

- ENGR 1020 does not count as part of the 12 credit hours BSET degree program
- Select one of the following concentrations
 - Mechatronics Engineering Technology
 - Required: MET 3060, MET 3260, ECE 3270, MET 4250 (5250)
 - Select two: MET 4000, MET 4210 (5210), MET 4220 (5220), or MET 4990 (5990)
 - Engineering Technology Management
 - Required: MET 4310 (5310), MET 4550 (5550), MET 4650 (5650)
 - Select two: MET 3703, MET 4600 (5600), MET 4990 (5990)