



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	
MET 1100 Intro to Manufacturing ET	2	MET 2000 Occupational Safety	2
ENGR 1110 Engineering Graphics	2	MATH 1845 Technical Calculus	3
ENGR 1020 Connections to ET	1	HIST 2010 Early US History	3
MATH 1730 Pre-calculus Mathematics	5	Humanities/Fine Arts Elective	3
CHEM 1110 or CHEM 1010	4	Humanities/Fine Arts Elective	3
ENGL 1010 Writing Composition I	3	ENGL 1020 Writing Composition II	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	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	ECON 2020 Principles of Macroeconomics	3
ENGR 1120 Programming for Engineers	2	HIST 2020 Modern US History	3
PHYS 2010 or PHYS 2110	4	PSY 1030 Intro to Psychology	3
ECON 2010 Principles of Microeconomics	3		
Course	Cr. Hrs.	Course	Cr. Hrs.
JUNIOR YEAR			
Semester: Fall Total Credit Hours: 15		Semester: Spring Total Credit Hours: 15	
ME 3010 or MET 3100	3	MET 3003 Principles of Metal Casting	3
MET 3303 CAD for Technology	3	MET 3200 Applied Electricity and Electronics	3
MET 3713 Methods Design and Work Meas	3	MET 3403 Applied Machine Elements	3
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
Course	Cr. Hrs.	Course	Cr. Hrs.
SENIOR YEAR			
Semester: Fall Total Credit Hours: 14		Semester: Spring Total Credit Hours: 15	
MET 3150 Maintenance Technology I	2	MET 4620 Senior Projects	3
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
MKT 3400 Principles of Marketing	3	LAW 2810 Business in Legal Env and Ethics	3

Notes:

1. ENGR 1020 does not count as part of the 123 credit hours BSET degree program
2. Select one of the following concentrations
 - a. Mechatronics Engineering Technology
 - i. Required: MET 3060, MET 3260, ECE 3270, MET 4250 (5250)
 - ii. Select two: MET 4000, MET 4210 (5210), MET 4220 (5220), or MET 4990 (5990)
 - b. Engineering Technology Management
 - i. Required: MET 4310 (5310), MET 4550 (5550), MET 4650 (5650)
 - ii. Select two: MET 3703, MET 4600 (5600), MET 4990 (5990)