

## Required General Education courses by Program; Fall 2024 – Summer 2025

Degree	Major	Discipline Bucket	Required in Gen Ed Section	Rationale
BSN	Nursing	S&B	PSYCH 155 General Psychology	Required for Admission to program and upper division Nursing courses
BSN	Nursing	N&P	BIOL 111 General Biology and BIOL 112 General Biology Lab	Pre-Requisite for BIOL 257 Anatomy and Physiology and BIOL 258 Anatomy and Physiology Lab
BST	Automotive Technology (Automotive Mechanical Design Emphasis)	N&P	PHYS 100 College Physics I or PHYS 104 Engineering Physics I and PHYS 130 Elementary Physics Lab 1	Pre-Requisite for MECET 220 Statics and MECET 428 Thermodynamics
BSET	Mechanical Engineering Technology	N&P	PHYS 100 College Physics I or PHYS 104 Engineering Physics I and PHYS 130 Elementary Physics Lab 1	Pre-Requisite for PHSY 101 College Physics II or PHYS 105 Engineering Physics II and PHSY 131 Elementary Physics Lab II
BSET	Electronics Engineering Technology	N&P	PHYS 100 College Physics I or PHYS 104 Engineering Physics I and PHYS 130 Elementary Physics Lab 1	Pre-Requisite for PHSY 101 College Physics II or PHYS 105 Engineering Physics II and PHSY 131 Elementary Physics Lab II
BSET	Manufacturing Engineering Technology	N&P	PHYS 100 College Physics I or PHYS 104 Engineering Physics I and PHYS 130 Elementary Physics Lab 1	Pre-Requisite for MECET 220 Statics
BSET	Construction Engineering Technology	N&P	PHYS 100 College Physics I or PHYS 104 Engineering Physics I and PHYS 130 Elementary Physics Lab 1	Pre-Requisite for MECET 220 Statics
BSET	Plastics Engineering Technology	N&P	CHEM 215 General Chemistry I and CHEM 216 General Chemistry I Lab	CHEM 360 Introduction to Polymer Science and Technology
BBA	Accounting	S&B	ECON 200 Principles of Microeconomics	Pre-Requisite for all upper division ECON courses required in the core
BS	Biology (Education Emphasis)	N&P	CHEM 215 General Chemistry I and CHEM 216 General Chemistry I Lab	Pre-Requisite for CHEM 225 General Chemistry II and CHEM 226 General Chemistry II Lab
BSE	Elementary Education Unified K-6	S&B	PSYCH 155 General Psychology	Pre-Requisite for PSYCH 357 Educational Psychology
BSE	Elementary Education Unified K-6	S&B	POLS 101 US Politics or ECON 201 Principles of Macroeconomics or ECON 200 Principles of Microeconomics or GEOG 106 World Regional Geography	Licensure Requirements
BSE	Elementary Education Unified K-6	A&H	HIST 201 American History I or HIST 202 American History II	Licensure Requirements
BSE	Elementary Education Unified K-6	N&P	BIOL 113 Environmental Life Science	Licensure Requirements