Communication
Students will demonstrate the ability to communicate effectively.

Students will demonstrate the ability to analyze communication critically.

ENC X101 English Composition I

Humanities
Students will confirm the ability to think critically through demonstrating interpretive ability and cultural literacy.

Students will acquire competence in reflecting critically upon the human condition.

ARH X000 Art Appreciation
HUM X020 Introduction to Humanities
LIT X000 Introduction to Literature
MUL X010 Music Literature/Music Appreciation
PHI X010 Introduction to Philosophy
THE X000 Theatre Appreciation

Mathematics
Students will determine appropriate mathematical and computational models and methods in problem solving, and demonstrate an understanding of mathematical concepts.

Students will apply appropriate mathematical and computational models and methods in problem solving.

MAC X105 College Algebra
MAC X311 Calculus I
MGF X106 Liberal Arts Mathematics I
MGF X107 Liberal Arts Mathematics II
STA X023 Statistical Methods

Any student who successfully completes a mathematics course for which one of the general education core course options in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.
**Natural Sciences**

*Students will demonstrate the ability to critically examine and evaluate scientific observation, hypothesis, or model construction, and to use the scientific method to explain the natural world.*

*Students will successfully recognize and comprehend fundamental concepts, principles, and processes about the natural world.*

- **AST X002** Descriptive Astronomy
- **BSC X005** General Biology
- **BSC X010** General Biology I
- **BSC X085** Anatomy and Physiology I
- **CHM X020** Chemistry for Liberal Studies
- **CHM X045** General Chemistry I
- **ESC X000** Introduction to Earth Science
- **EVR X001** Introduction to Environmental Science
- **PHY X020** Fundamentals of Physics
- **PHY X048** General Physics with Calculus
- **PHY X053** General Physics I

Any student who successfully completes a natural science course for which one of the general education core course options in natural science is an immediate prerequisite shall be considered to have completed the natural science core.

**Social Sciences**

*Students will demonstrate the ability to examine behavioral, social, and cultural issues from a variety of points of view.*

*Students will demonstrate an understanding of basic social and behavioral science concepts and principles used in the analysis of behavioral, social, and cultural issues, past and present, local and global.*

- **AMH X020** Introductory Survey Since 1877
- **ANT X000** Introduction to Anthropology
- **ECO X013** Principles of Macroeconomics
- **POS X041** American Government
- **PSY X012** Introduction to Psychology
- **SYG X000** Principles of Sociology