

# GENERAL EDUCATION REQUIREMENTS (GER)

EFFECTIVE FOR 2017-2018 CATALOG YEAR

## COMMUNICATION (9 CREDITS)

Complete the following:

- WRTG F111X – Writing Across Contexts (3)

Complete one of the following:

- WRTG F211X – Writing and the Humanities (3)
- WRTG F212X – Writing and the Professions (3)
- WRTG F213X – Writing and the Sciences (3)
- WRTG F214X – Arguing Across Contexts (3)

Complete one of the following:

- COJO F121X – Introduction to Interpersonal Communication (3)
- COJO F131X – Fundamentals of Oral Communication: Group Context (3)
- COJO F141X – Fundamentals of Oral Communication: Public Context (3)

## MATHEMATICS (3-4 CREDITS)

Complete one of the following:

- MATH F113X – Concepts and Contemporary Applications of Mathematics (3)
- MATH F122X – Precalculus for Business and Economics (3)
- MATH F151X – College Algebra for Calculus (4)
- MATH F152X – Trigonometry (3)
- MATH F156X – Precalculus (4)
- MATH F230X – Calculus Essentials with Applications\* (3)
- MATH F251X – Calculus I\* (4)
- MATH F252X – Calculus II\* (4)
- MATH F253X – Calculus III\* (4)
- STAT F200X – Elementary Probability and Statistics (3)

\* Or any math course having one of these as a prerequisite

You may earn credit for MATH F122X or F151X, but not both.

You may earn credit for MATH F230X or F251X, but not both.

## NATURAL SCIENCES (8 CREDITS)

Complete two of the following:

- ATM F101X – Weather and Climate of Alaska (4)
- BIOL F100X – Human Biology (4)
- BIOL F103X – Biology and Society (4)
- BIOL F104X – Natural History of Alaska (4)
- BIOL F115X – Fundamentals of Biology I (4)
- BIOL F116X – Fundamentals of Biology II (4)
- BIOL F120X – Introduction to Human Nutrition (4)
- BIOL F213X – Human Anatomy and Physiology I (4)
- BIOL F214X – Human Anatomy and Physiology II (4)
- CHEM F100X – Chemistry in Complex Systems (4)
- CHEM F103X – Basic General Chemistry (4)
- CHEM F104X – Survey of Organic Chemistry and Biochemistry (4)
- CHEM F105X – General Chemistry I (4)
- CHEM F106X – General Chemistry II (4)
- CHEM F111X – Introduction to Environmental Chemistry of the Arctic (4)
- GEOG F111X – Earth and Environment: Elements of Physical Geography (4)
- GEOS F101X – The Dynamic Earth (4)
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