

A. S. Degree

General Education Requirements

Communication **9 hours**

ENGL 1010 Composition I 3 hours

ENGL 1020 Composition II 3 hours

SPCH 1010 Fundamentals of
Speech Comm. or other
approved 3 hours
speech/communication course

Humanities and/or Fine Arts (at least one course in literature) **9 hours**

Social/Behavioral Sciences **6 hours**

History **6 hours**

Natural Sciences **8 hours**

PHYS 2110 Calculus-based
Physics I 4 hours

PHYS 2120 Calculus-based
Physics II 4 hours

Mathematics **4 hours**

Math 1910 Calculus I 4 hours

General Education Total **42 hours**

Area of Emphasis

MATH 1920 Calculus II 4 hours

MATH 2110 Calculus III 4 hours

MATH 2010 Linear Algebra 3 hours

MATH 2120 Differential
Equations 3 hours

Programming Language 3 hours

Electives 1 hours

Area of Emphasis Total **18 hours**

Physics Total **60 hours**