GENERAL EDUCATION REQUIREMENTS (38 hours)

English Composition (6 hours)
- ENGL 1113  English Composition I
- ENGL 1213  English Composition II+

U.S. History/U.S. Government (6 hours)
- HIST 1483  U.S. History to 1877 or
- HIST 1493  U.S. History Since 1877
- POLS 1113  American Federal Government

Sciences (8 hours)
Students must earn a "C" or better in these courses to be eligible for graduation.
- PHYS 2401  General Physics Laboratory I+
- PHYS 2434  Physics I for Eng & Science Majors+

See Science Electives on next page.

Humanities (6 hours)
See courses listed in the RSC Academic Catalog.

Mathematics (3 hours)
Students must earn a "C" or better in MATH 2113 to be eligible for graduation.
- *MATH 2113  Calculus & Analytic Geometry I+

Liberal Arts (3 hours)
See courses listed in the RSC Academic Catalog.

General Education Electives (6 hours)
See courses listed in the RSC Academic Catalog.

PROGRAM REQUIREMENTS (21 hours)
Students must earn a "C" or better in these courses to be eligible for graduation.
- CIT 1113  Fundamentals of Computers & Programming+
- CIT 1173  C++ * Language+
- MATH 2103  Discrete Math+
- MATH 2123  Calculus & Analytic Geometry II+
- MATH 2143  Calculus & Analytic Geometry III+
- MATH 2153  Calculus & Analytic Geometry IV+
- MATH 2853  Introduction to Statistics for Engineering & Science+

SUPPORT & RELATED REQUIREMENTS (5 hours)
Students must earn a "C" or better in these courses to be eligible for graduation.
- PHYS 2411  General Physics Laboratory II+
- PHYS 2444  Physics II for Engineering & Science Majors+

+Check course description for prerequisites that must be met.
*Students may meet prerequisite requirements for these courses through high school coursework, entrance exams, or exams, or by completing the prerequisite courses.
Science Electives
Acceptable courses include: HSBC 1104, HSBC 1224, HSBC 2103, HSBC 2114, GEOG 1114, or any course with the following prefixes: ASTR, BIOL, CHEM, ENSC, GEOL, METR, PHSC, PHYS

Suggested Order of Enrollment
This plan shows one possible grouping of Program Requirements, and their prerequisite courses, that would allow students to graduate in 2 years. Students must enroll in a combination of General Education and Program Requirements to complete the degree. Consult with the Engineering & Science division advisor each semester to verify that selected courses will fulfill degree requirements. Check the course catalog and/or class schedule for course offering specifics. The “+” symbol represents a prerequisite for the course. Any course offering is subject to change without notice.

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