# Pre-Professional Health Care Associate in Science Degree

(63 Credit Hours Minimum)

## General Education Requirements (39 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 (15 hours)
Students must earn a “C” or better in these courses to be eligible for graduation.
- *CHEM 1135 General College Chemistry I+
- CHEM 1145 General College Chemistry II+
- BIOL 1315 General Zoology+ or
- BIOL 2035 Principles of Microbiology+

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

### Mathematics (3 hours)
Students must earn a “C” or better in MATH 1513 be eligible for graduation.
- MATH 1513 College Algebra+

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

## Program Requirements (24 hours)

Students must earn a “C” or better in these courses to be eligible for graduation.
- BIOL 2424 Human Physiology+
- CHEM 2103 Organic Chemistry I+
- CHEM 2112 Organic Chemistry Laboratory I+
- CHEM 2203 Organic Chemistry II+
- CHEM 2212 Organic Chemistry II Laboratory+
- PHYS 2401 General Physics Laboratory I+
- PHYS 2411 General Physics Laboratory II +
- PHYS 2414 General Physics I+
- PHYS 2424 General Physics II+

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+Check course description for prerequisites that must be met.  
*Students may meet prerequisite requirements for CHEM 1135 through high school coursework, entrance exams, or exams, or by completing the prerequisite courses.*


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**Suggested Order of Enrollment**

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.

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>CHEM 1135 General College Chemistry I+</td>
<td>CHEM 1145 General College Chemistry II+</td>
</tr>
<tr>
<td>PHYS 2401 General Physics Laboratory I+</td>
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<td>7 hours General Electives</td>
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<thead>
<tr>
<th>Third Semester</th>
<th>Fourth Semester</th>
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<tbody>
<tr>
<td>BIOL 1315 General Zoology+ or BIOL 2035 Principles of Microbiology+</td>
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<td>CHEM 2212 Organic Chemistry II Laboratory+</td>
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