

# PRE-PHARMACY



Toward a Bachelor of Science Degree

Minimum 62 hours

**Transfer Curriculum • Associate in Science Degree • Minimum 2.0 OGPA • Major Code: DAS**

This curriculum is designed for transfer to four year institutions for this major. Consult the website of the four year institution where you plan to transfer, regarding specific course needs, requirements and deadlines.

## FIRST YEAR

Fall Semester		Credit Hrs
<b>ENG 121</b>	Rhetoric & Composition I	3
<b>MATH 161</b>	Pre-Calculus	4
<b>CHEM 121</b>	General Chemistry I	5
<b>BIOL 221</b>	General Biology I	4
<b>PHIL 122</b>	Fundamentals of Logic	3
Total Hours		19

Spring Semester		Credit Hrs
<b>BIOL 242</b>	Microbiology	4
<b>MATH 162</b>	Calculus I	5
<b>CHEM 122</b>	General Chemistry II	5
<b>BIOL 222</b>	General Biology II	4
Total Hours		18

Summer Semester		Credit Hrs
<b>ENG 122</b>	Rhetoric & Composition II	3

## SECOND YEAR

Fall Semester		Credit Hrs
<b>CHEM 241</b>	Organic Chemistry I	5
<b>PHYS 221</b>	General Physics I	5
<b>PSYC 121</b>	Intro Psychology	3
<b>ECON 121</b>	Macroeconomics	3
<b>BIOL 261</b>	Anatomy & Physiology I	4
Total Hours		20

Spring Semester		Credit Hrs
<b>CHEM 242</b>	Organic Chemistry II	5
<b>PHYS 222</b>	General Physics II	5
<b>COM 121</b>	Principles of Speaking	3
<b>ART 121</b> or <b>MUS 121</b>	Art Appreciation Music Appreciation	3
<b>BIOL 262</b>	Anatomy & Physiology II	4
Total Hours		20

The bolded classes on this curriculum guide indicate the minimum a student must complete in order to receive an Associate degree. See advisor for specific transfer information.

It is suggested that students take classes the summer before or after the first year to lessen coursework during the Fall and Spring semesters.

**Suggested electives:** BTC 121-3 Scientific Literature for Biotech, BTC 221-4 Introduction to Biotechnology, BTC 241-3 Immunology for Biotechnology, or BTC 242-3 Cell & Molecular Biology.

Some schools may require MATH 141-Statistics.

### Career Opportunities:

Pharmacist

### Major Employers:

Community Drug Stores; Retail Store Chains; Hospitals; Health Maintenance Organizations; Health Clinics; Residential Care Facilities; Pharmaceutical Manufacturers; Government Agencies including the Veteran's Administration and the U.S. Public Health Service.