

Associate of Science Degree in Biological Sciences/Pre-Pharmacy

CURRICULUM

(All 5 credit courses unless otherwise listed)

BASIC REQUIREMENTS (20 credits):

- ENG 101 – Composition
- MAT 124 – Calculus I
- MAT 125 – Calculus II
- MAT 240 – Elementary Statistics

DISTRIBUTION REQUIREMENTS (15 credits):

Visual, Literary and Performing Arts (5 - 10 credits from different areas)

- Language and Speech
- Literature/History of Ideas
- Music, Art and Drama

Individuals, Cultures and Societies (5 - 10 credits from different areas)

- Individuals and Societies
- United States Culture
- Global Studies

MAJOR AREA OF STUDY (56 credits):

- CHE 140, 150, & 160 (18 credits)
- CHE 231/CHE 238 (7 credits)
- CHE 235/CHE 239 (7 credits)
- CHE 236 (4 credits)
- BIO 201, 202, & 203 (15 credits)
- BIO 280 (5 credits)

SPECIAL REQUIREMENTS (5 – 10 credits):

- Integrated Studies (5 - 10 credits); individual, linked, or coordinated studies involving courses from the Distribution Requirements list. May satisfy other requirement.

SAMPLE COURSE PLAN

Students may start their program any of the following quarters: Fall, Winter, or Spring. By starting Fall or Spring and taking at least a full-time load (15 credits) quarterly for six consecutive quarters (not including Summer), a schedule may be planned allowing completion of required curriculum.

A sample course outline for a full-time student is as follows:

FRESHMAN YEAR:

First quarter

- MAT 124 Calculus I
- ENG 101 Composition
- Distribution Requirements (5 credits)

Second quarter

- MAT 125 Calculus II
- Distribution Requirements (5 credits)
- CHE 140 General Chemistry I

Third quarter

- CHE 150 General Chemistry II
- MAT 240 Elementary Statistics
- Integrated Studies Req. (5 credits)

SOPHOMORE YEAR:

First quarter

- CHE 160 General Chemistry III
- CHE 231 Organic Chemistry I
- BIO 201 College Biology I

Second quarter

- CHE 235 Organic Chemistry II
- BIO 202 College Biology II
- Distribution Requirement (5 credits)

Third quarter

- CHE 236 Organic Chemistry III
- BIO 203 College Biology II
- BIO 280 Microbiology

College Transfer Center Advisor (206) 764-7943



Please see an SSCC advisor/counselor for assistance.

Phone: 206-764-5387 **Office Location:** Robert Smith Bldg **Email:** advisorsouth@sccd.ctc.edu

The entry-level professional pharmacy Doctoral (Pharm. D.) program prepares students for career as providers of pharmaceutical care in a variety of practice settings. Examples of these settings include community pharmacies, hospitals, managed care organizations and long-term care facilities. Careers in industry, academic or research are also possibilities, although further education may be required. The Pharm D. program is four years long AFTER pre-requisites are met, totaling approximately six years. The University of Washington and Washington State University are the only two universities in the state of Washington that have a pharmacy program.

University of Washington

Pre-requirements to Pharm. D. program

- English 102
- VLPA (10 credits)
- Individuals and Society (10 credits)
- PCAT is required. Must be taken 2 years of matriculation to the program
- No less than 97 credits

** Applicants who have not completed the pre-pharmacy requirements may apply for admission to the College of Arts and Sciences as a pre-pharmacy major provided they meet the minimum criteria for admission to the University, including two high school years or two college quarters of the same foreign language.

Contact info:

Phone: 685-2715

WWW.DEPTS.WASHINGTON.EDU/PHA/

Washington State University

Pre-requirements to Pharm. D. program

- English 228, Music 109, 110
- History 211, or AME 150
- History 101, 102, 103
- Tier III Capstone (3-6 hours)*
- Writing Portfolio (6 hours)*
- BC/BP 364*
- *Check with WSU for specific course transfer equivalencies.
- First Aid and CPR certification required
- PCAT is required.

Own or have access to personal computing equipment and demonstrate competency in the use of word processing and spread sheet software, as well as, e-mail and world wide web.

Contact info:

WWW.PHARMACY.WSU.EDU

For students wanting to pursue pharmacy programs elsewhere, the following HTP address will take you to every pharmacy school in the world—www.cpb.uokhsc.edu/pharmacy/school.html