

Allied Health/Science Transfer—A.S. Degree with concentration in Pre-Pharmacy

Pharmacists are responsible for ensuring the safe use and distribution of prescription drugs to individuals. They counsel patients, physicians and other health care practitioners, on safety and effective use of medications. In addition, pharmacists advise patients about general health topics such as diets, exercise and stress management. Pharmacists work in a variety of settings including drugstores, hospitals, nursing homes and home health care. Some work in research, developing new medications and testing their effects. A number of pharmacists choose to specialize in specific drug therapy areas, such as chemotherapy, intravenous nutritional support, geriatric pharmacy or psychiatric pharmacy. Most pharmacists are salaried employees, but some are self-employed and own a community drugstore.

Students pursuing a career in pharmacy need a strong science and math aptitude. They should have strong interpersonal skills in order to interact with patients, physicians and pharmaceutical staff. They must be conscientious and detail oriented, because the decisions they make affect human lives. Students who wish to enter Pharmacy as a career could do so via Manor's Allied Health/Science Transfer Associate Degree program and transfer after two years to another college. Graduates must earn a Doctor of Pharmacy and pass several examinations in order to obtain a license.

Students must attain a grade of "C" or better in all science courses. Any student with a grade of "D" or "F" in any one of these courses will be required to repeat the course. Students who have a cumulative GPA < 2.0 for two successive semesters may be dismissed from the program.

Suggested Course Sequence

First Semester	Credits
BI 101 Biology I	4
CH 101 Chemistry I	4
EN 101 Fundamentals of Composition I	3
Mathematics (excluding MH 101 or MH 102; Calculus recommended)	3/4
Religion Elective	<u>3</u>
	17/18
 Second Semester	
Science Elective (Biology II recommended)	3/4
Science Elective (Chemistry II recommended)	4
EN 102 Fundamentals of Composition II	3
Elective (Microbiology recommended)	3/4
PL 100 Philosophy	<u>3</u>
	16/18
 Third Semester	
BI 201 Anatomy & Physiology I	4
Computer Science Core (Required CS 105 or CS 106)	3
Social Science Elective	3
Electives (Physics I and Organic Chemistry recommended)	<u>6/8</u>
	16/18
 Optional Summer Session	
Social Science Elective	3*
 Fourth Semester	
BI 202 Anatomy & Physiology II	4
Social Science elective	3
History Elective (History of Culture, Race & Ethnicity recommended)	3
Electives (Physics II and Organic Chemistry recommended)	<u>6/8</u>
	16/18
Total Credits	65

**Summer session is required to complete credits for transfer to Thomas Jefferson University*