

# HEALTH SCIENCES

## PHARMACY TECHNOLOGY

The Pharmacy Technology Program prepares individuals to become pharmacy technicians. These allied health professionals assist and support licensed pharmacists in providing prescription medications, over-the-counter drugs, medical equipment and supplies, pharmaceutical care services, and other health care products and services for patients.

Students can gain a broad knowledge of pharmacology, drug uses, actions, interactions and side effects, medication therapy, pharmaceutical calculations, anatomy and physiology, drug delivery systems, pharmacy practice, purchasing and inventory control and pharmacy law and regulations. Through simulated pharmacy laboratory activities, students can increase their skills in using pharmacy computer software, interpreting prescriptions, processing medication orders, compounding IV admixtures and parenteral nutrition, compounding pediatric medications, creating veterinary dosage forms, managing pharmacy operations, and utilizing critical thinking to resolve patient problems.

Through the clinical experience, students can increase knowledge and skills in creating and maintaining patient profiles, effectively participating on the health care team, filing insurance claims, managing automated medication dispensing systems, operating robotic pharmacy equipment, staffing patient care clinics, providing exceptional customer service, leading quality improvement programs, supervising and managing pharmacy technicians, and reconciling medications for ER patients. The clinical practice will take place in hospital, community and specialty pharmacies. Graduates may be employed in hospitals, medical centers, private and chain pharmacies, and specialty pharmacies, including medication compounding, long term care medication therapy management, and IV infusion pharmacies. Graduates should be prepared to take the national Certification Examination administered by the Pharmacy Technician Certification Board.

### Pharmacy Technology Degree - A45580A

#### First Fall Semester

*BIO 161	Introduction to Biology.....	3
*MAT 110	Mathematical Measurement & Literacy .....	3
PHM 110	Introduction to Pharmacy .....	3
PHM 111	Pharmacy Practice I.....	4
PHM 115	Pharmacy Calculations .....	3
PHM 115A	Pharmacy Calculations lab.....	1

#### First Spring Semester

PHM 120	Pharmacology I.....	3
PHM 133	Pharmacy Clinical.....	3
PHM 140	Trends in Pharmacy .....	2
PHM 150	Hospital Pharmacy.....	4
PHM 155	Community Pharmacy.....	3

#### Summer Term

*ENG 111	Writing and Inquiry .....	3
PHM 125	Pharmacology II.....	3
PHM 160	Pharm Dosage Forms .....	3

#### Second Fall Semester

*BUS 151	People Skills .....	3
*COM 231	Public Speaking .....	3
*Humanities Elective.....		3
PHM 118	Sterile Products.....	4

#### Second Spring Semester

PHM 135	Pharmacy Clinical .....	5
PHM 165	Pharmacy Prof Practice.....	2
*PSY 150	General Psychology.....	3

**Graduation Requirements..... 64 Credit Hours**

\*Courses may be taken before entering the program or in the semester listed.

- A grade of "C" or higher is required for all Gen Ed and PHM courses.
- MAT 110 must have been within the last 10 years
- BIO 161 must have been within the last 5 years.
- Humanities elective: Pick one course: HUM 110, HUM 115, PHI 240

See an advisor for possible course substitution for Humanities elective.

• If an applicant holds current National Pharmacy Technician Certification, credit will be given for the following courses: PHM 110, PHM 165

### Pharmacy Technology Degree Bridge - A45580B

#### First Fall Semester

*BIO 161	Introduction to Biology .....	3
*MAT 110	Mathematical Measurement & Literacy .....	3
PHM 110	Introduction to Pharmacy .....	3
PHM 111	Pharmacy Practice I.....	4
PHM 115	Pharmacy Calculations .....	3
PHM 120	Pharmacology I.....	3
PHM 155	Community Pharmacy.....	3

#### First Spring Semester

*ENG 111	Writing and Inquiry .....	3
PHM 125	Pharmacology II.....	3
PHM 150	Hospital Pharmacy.....	4
PHM 140	Trends in Pharmacy.....	2
PHM 118	Sterile Products .....	4

#### Summer Term

*COM 231	Public Speaking.....	3
*Humanities Elective.....		3
PHM 134	Pharmacy Clinical.....	4
PHM 160	Pharm Dosage Forms.....	3

#### Second Fall Semester

*BUS 151	People Skills .....	3
*PSY 150	General Psychology.....	3
PHM 135	Pharmacy Clinical.....	5
PHM 165	Pharmacy Prof Practice .....	2

**Graduation Requirements.....64 Credit Hours**

\*Courses may be taken before entering the program or in the semester listed.

- A grade of "C" or higher is required for all Gen Ed and PHM courses.
- MAT 110 must have been within the last 10 years
- BIO 161 must have been within the last 5 years.
- Humanities elective: Pick one course: HUM 110, HUM 115, PHI 240

See an advisor for possible course substitution for Humanities elective.

• If an applicant holds current National Pharmacy Technician Certification, credit will be given for the following courses: PHM 110, PHM 165