

Pharmacy Technician/Pharmacology

pharmacology.chemeketa.edu

The pharmacy technician/Pharmacology program prepares students for pharmacy technician positions in community, clinic, and hospital pharmacies. Pharmacy technicians assist licensed pharmacists with preparation of medications. The program offers a one-year Pharmacy Technician Certificate with the option of continuing and completing a two-year Associate of Applied Science (AAS) degree in pharmacology.

Courses focus on the abilities needed to assist the pharmacist in collecting, organizing, and evaluating information for direct patient care. Content includes drug classification, pharmacokinetics and pharmacodynamics of prescription medications, as well as an introduction to non-prescription drugs; pathophysiology regarding diseases; pharmaceutical inventory control; laws and ethics that apply to pharmacy operations; introduction to specialty pharmacies; in-depth concepts of sterility and quality assurance processes; and multicultural aspects of healthcare. In addition, students will develop communication skills and essential mathematical concepts related to medication dosing. Students will also participate in workplace experiences.

The intent of the program is to prepare students to take the national certification examination to become Certified Pharmacy Technicians and be employed in a pharmacy setting.

Program outcomes

Students completing the certificate will:

- Organize and maintain patient records and inventory.
- Compound and prepare prescriptions under the direction of a licensed pharmacist.

Students completing the AAS will:

- Prepare prescriptions in specialized pharmaceutical settings.
- Manage patient records and inventory control.

Getting started

This program has special admission requirements and enrollment limits. The first step to entering the following program is to take part in an assessment process, which includes taking the college's free placement test and meeting with Counseling and Career Services staff. You may need to complete pre-program courses. Then, your advisor will help you develop an individualized program of study, which may include one or more of the following:

AHI 15	Healthcare Career Success Strategies (suggested).....	2
CA121A	Keyboarding A (if less than 25 wpm prior to CIS101).....	1
CHI 10	Foundations of General, Organic, and Biochemistry.....	5
	or	
CHI04	Chemistry for Allied Health	5
	and	
CHI05	Chemistry for Allied Health	5
	and	
CHI06	Chemistry for Allied Health	5
CIS101	Introduction to Microcomputer Applications	3
HM120	Medical Terminology I	3
MTH095	Intermediate Algebra (or higher+)	4
RDI 15	Academic Thinking and Reading (or higher).....	3
WR121	English Composition—Exposition+	3

If you have questions about the requirements, call Counseling and Career Services at 503.399.5120 or 503.399.5058. Failure to be assessed may delay your entry into program classes.

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For admission to the program, an application is required. This is a separate step from testing and assessment. Applications are available in Counseling and Career Services, Enrollment Services, and program offices.

Students are required to submit a copy of their current CPR cards and completed immunization forms prior to fall registration. Students must also pass a criminal background check and possible drug test (pursuant to OAR 855-010-0045). Practicum sites also require student licensure from the Oregon Board of Pharmacy.

Pharmacy Technician Certificate of Completion

In addition to tuition, estimated costs for students who complete the entire program listed below are books, \$1,322; class fees, \$126; student services fee, \$25.50; universal fee, \$306; equipment and supplies, \$60; criminal background check \$25; CPR certification, \$45; immunizations, \$250; examination fee, \$129. Contact the Financial Aid Office at 503.399.5018 to find out if you qualify for help with these costs. Students are responsible for costs related to travel to practicum locations.

You may earn a Certificate of Completion by successfully completing the required 51 credit hours with a grade of "C" or better in all courses:

Course	Title	Credit Hours
Term 1		
BI231	Human Anatomy and Physiology	4
HM121	Medical Terminology 2.....	3
PHM101	Introduction to Pharmacy Technology.....	1
PHM115	Pharmacy Operations/Management.....	4
PHM230	Pharmaceutical Drug Classifications.....	3
PHM231	Pharmacology I	3
Term 2		
BI232	Human Anatomy and Physiology	4
PHM110	Pharmacy Calculations.....	3
PHM120	Pharmacy Operations/Laboratory	3
PHM210	Over-the-Counter (OTC) Products	2
PHM232	Pharmacology 2.....	3
PSY201	General Psychology—Biological Emphasis+	3
Term 3		
BI233	Human Anatomy and Physiology	4
PHM130	Pharmacy Information/Law and Ethics.....	3
PHM150	Pharmacy Technician Practicum.....	4
PHM151	Pharmacy Seminar	1
PHM233	Pharmacology 3.....	3
+Meets related instruction requirement.		

Pharmacology Associate of Applied Science

In addition to tuition, estimated costs for students who complete second year courses listed below are books, \$931; class fees, \$108; student services fee, \$50.50; universal fee, \$606; equipment and supplies, \$25; CPR certification, \$45. Contact the Financial Aid Office at 503.399.5018 to find out if you qualify for help with these costs. Students are responsible for costs related to travel to practicum locations.

You may earn an Associate of Applied Science degree by successfully completing 101 required credit hours of the two-year pharmacology program (50 credits during the second year after 51 credits of Pharmacy Technician) with a grade of "C" or better in all courses.

Course	Title	Credit Hours	Term 6
Term 4			
FE205B	Résumés and Job Search Correspondence..... 1 or	1	EC201 Introduction to Microeconomics (or higher) 4
HM105	Professional Development A..... 1	1	NFM225 Nutrition (or higher) 4
HM210	Introduction to Health Services..... 3	3	PHM250 Pharmacy Externship..... 5
HM250	Health Services Management I 3	3	Humanities/Fine Arts elective (200 or higher) 3
HS101	Addiction Pharmacology and Physiology..... 4	4	
PHM205	Pharmacy Specialized Care 3	3	
SP218	Interpersonal Communication..... 3	3	
Term 5			
HM251	Health Services Management 2 3	3	
HPE295	Health and Fitness for Life..... 3	3	
PHM215	Sterile Compounding/Cytotoxic Medications..... 3	3	
PHM220	Multicultural Patient Healthcare..... 2	2	
PSY237	Life Span Development (or higher)..... 3	3	
WR227	Technical Writing 3	3	

