

# Pharmacy Programs

## [go.chemeketa.edu/pharmacology](http://go.chemeketa.edu/pharmacology)

The Pharmacy Technician and Pharmacy Management programs prepare 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 degree in Pharmacy Management. The Pharmacy Technician certificate program is accredited by the American Society of Health-Systems Pharmacists/Accreditation Council for Pharmacy Education.

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 health care. In addition, students 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.

(If you plan to pursue a degree to become a registered pharmacist, see the Pre-Professional Study section on page 141 of this catalog.)

### Program outcomes

#### Students completing the certificate should be able to:

- Organize and maintain patient records and inventory control systems
- Accurately compound and prepare prescriptions under the direction of a licensed pharmacist
- Use aseptic technology to prepare prescriptions in specialized pharmaceutical settings

#### Students completing the degree should be able to:

- Provide leadership as a pharmacy manager using effective communication strategies, including speaking, listening, writing, negotiating, and persuasion
- Use accounting principles for inventory management and cost containment
- Ensure regulatory compliance and patient safety within the pharmacy organization

### 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 Advising and Counseling Services staff. You may need to complete program entry requirements. Then your advisor will help you develop an individualized program of study, which may include one or more of the following:

CA121A	Keyboarding A (if less than 25 wpm) .....	1
CIS101	Introduction to Microcomputer Applications .....	3
HM120	Medical Terminology 1 .....	3
MTH060	Introductory Algebra (or higher).....	4
RD115	Academic Thinking and Reading (or higher).....	3

If you have questions about the requirements, contact the Health Sciences Department at 503.399.5058 or e-mail [healthsciences@chemeketa.edu](mailto:healthsciences@chemeketa.edu).

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

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, be fingerprinted, and undergo drug testing (pursuant to OAR 855-010-0045). Practicum sites also require student licensure from the Oregon Board of Pharmacy.



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## Pharmacy Management AAS

### Pharmacy Technician Certificate of Completion

In addition to tuition, estimated costs for students who complete the entire program listed below are books, \$656; class fees, \$210; universal fee, \$728; equipment and supplies, \$22; One-year non-renewable license (includes criminal background check and fingerprinting), \$102; drug testing, \$50; CPR certification, \$80; immunizations, \$150; 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 52 credit hours with a grade of "C" or better in all courses:

Course	Title	Credit Hours
<b>Term 1</b>		
MTH070	Elementary Algebra+ (or higher).....	4
PHM101	Introduction to Pharmacy Technology .....	1
PHM115	Pharmacy Operations/Management .....	3
PHM120	Pharmacy Operations/Laboratory .....	3
PHM230	Pharmaceutical Drug Classifications .....	3
PHM231	Pharmacology 1 .....	5
<b>Term 2</b>		
PHM110	Pharmacy Calculations .....	3
PHM210	Over-the-Counter (OTC) Products.....	2
PHM215	Sterile Compounding/Cytotoxic Medications .....	3
PHM220	Multicultural Patient Healthcare .....	2
PHM232	Pharmacology 2 .....	5
WR115	Introduction to Composition+ .....	4
<b>Term 3</b>		
PHM130	Pharmacy Operations/Law and Ethics.....	3
PHM150	Pharmacy Technician Practicum .....	4
PHM151	Pharmacy Technician Seminar .....	1
PHM160	Hospital/Ambulatory Pharmacy Practicum.....	2
PSY104	Workplace Psychology+ .....	4

+Meets related instruction requirement, see page 50. For subject areas, see page 56.

### Pharmacy Management Associate of Applied Science Degree

In addition to tuition, estimated costs for students who complete second year courses listed below are books, \$1,570; class fees, \$222; universal fee, \$686. 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 required 101 credit hours of the two-year Pharmacy Management program (49 credits during the second year in addition to the 52-credit Pharmacy Technician program) with a grade of "C" or better in all courses.

Course	Title	Credit Hours
<b>Term 4</b>		
BA101	Introduction to Business.....	4
BA251	Office Management .....	3
MTH095	Intermediate Algebra (or higher).....	4
WR121	The College Essay .....	4

#### Term 5

BA206	Business Management Principles.....	4
BA234	Fundamentals of Supply Chain Management.....	4
COMM218	Interpersonal Communication.....	4
EC201	Introduction to Microeconomics (or higher).....	4

#### Term 6

BA226	Business Law 1 .....	4
CIS125E	Excel-Workbooks.....	4
HPE295	Health and Fitness for Life.....	3
PSY201	Introduction to Psychology: Mind and Body (or higher) .....	4
	Arts and Letters elective* .....	3

+Meets related instruction requirement, see page 50. For subject areas, see page 56.

\*Choose courses numbered 200 or above.