Pharmacy Student Veterinary Compounding

FALL 2026 ONLINE COURSE

SYLLABUS

Course Description

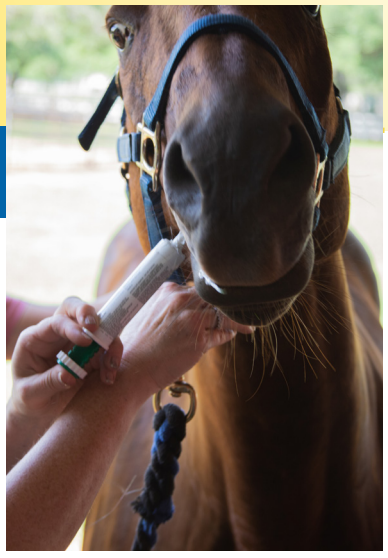
This course prepares pharmacy students to provide veterinary pharmacotherapy expertise, care, products and compounded preparations for non-human patients. Major areas of focus will include anatomy, physiology, drug disposition, species-specific toxicology and common diseases for 7 non-human species.

The reading assignments and online case-based discussions support a collaborative learning process introducing students to case presentations and standard of care for medication management, key concepts in veterinary compounding, prescription review and dispensing, and hospice care for veterinary patients.

PROGRAM FEE

ONLINE COURSE — $695
September 14 – November 23, 2026





Begins September 14, 2026

Requirements

Current enrollment in an accredited College/School of Pharmacy.

Recommended Online Resource

Plumb's Veterinary Drug Handbook online/app access is available to pharmacy students for $19.95 per year — plumbs.com.

FLEXIBLE COMPLETION OPTION

Students who register for **the online course** are eligible for a **$195 discount** toward the **Veterinary Compounding Lab**. This discount may be redeemed at any time, provided the student remains actively enrolled in pharmacy school and the remaining portion is completed prior to graduation

The next opportunity to attend the Veterinary Compounding Lab will be in Summer 2027.

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Learning Objectives



This introductory-level program prepares pharmacy students to effectively provide pharmaceutical expertise, care, products and compounds to non-human patients in a variety of career settings.

Participants will:

- Apply principles of non-human species anatomy and physiology to drug disposition.
- Apply principles of disease state management in the 7 major non-food producing species.
- Analyze and apply toxicological potential of drugs, excipients, foods and household items.
- Communicate veterinary-specific health and drug-related information to the veterinary care team.

Structure & Content

- **Format:** 10 online modules with active learning exercises and live virtual discussions.*
- **Topic Focus:** Anatomy, physiology and drug disposition for 7 non-human species; species-specific toxicology; disease state management; and caregiver counseling.
- **Materials:** Assigned online modules and peer-reviewed articles.
- **Assessments:** Online multiple-choice questions based on the readings.

** Students unable to participate in live discussions must communicate this information prior to the scheduled events. Students with excused absences will be provided the opportunity to receive a discussion grade by submitting a research paper covering relevant compounding topics (details provided by course facilitator).*

Course Modules

1. Anatomy, Physiology and Drug Disposition for Non-Human Species
2. Principles of Toxicology for Non-Human Species
3. Providing Pharmaceutical Care and Compounds for Canine Patients
4. Providing Pharmaceutical Care and Compounds for Feline Patients
5. Providing Pharmaceutical Care and Compounds for Equine Patients
6. Providing Pharmaceutical Care and Compounds for Exotics (Ferrets & Rabbits)
7. Providing Pharmaceutical Care and Compounds for Exotics (Reptiles & Birds)
8. Hospice Considerations
9. Compounding Opportunities
10. Evaluation of Veterinary Prescriptions

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Course Grade & Schedule

Assessments	30%	Weeks 1-10
Live Virtual Discussions	10%	Tuesday, September 22, 2026 (7:00-7:30 PM CT) – 30 mins
		Tuesday, October 6, 2026 (7:00-8:30 PM CT) – 90 mins
		Tuesday, November 3, 2026 (7:00-8:30 PM CT) – 90 mins
Midterm Exam	30%	Tuesday, October 20, 2026 (7:00-8:30 PM CT)
Final Exam	30%	Tuesday, November 17, 2026 (7:00-8:30 PM CT)

Note: The midterm and final are administered online. Absences must be communicated 48 hours in advance; otherwise, the maximum possible score is 85%.

Certificate Award

To receive a certificate of completion, students must achieve a final grade of 80% or higher within the online course.

Ready to Enroll?

Register at **cvent.me/gB5XoB**.

Questions?

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BUY NOW, PAY LATER

PCCA Student Education offers **phased payments** for course registration to the Veterinary Compounding Online Course. Select partial payments during course registration to **pay 50% now and 50% later**.

UPD 08/06/2026

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