

Master of Veterinary Anatomic Pathology (MVAP) ASSESSMENT PLAN

Mission Statement:

The mission of the WSU Master of Veterinary Anatomic Pathology is to prepare competent veterinary anatomic pathologists who are capable of excelling in a career in the fields of diagnostic, industry or academic pathology. Students will also be prepared to take the American College of Veterinary Pathologists (ACVP) board examination at the completion of the program.

Program Description:

Within this program, students will be enrolled as professionally –oriented master’s students in the Master of Veterinary Anatomic Pathology program and Anatomic Pathology Residents within the Washington Animal Disease Diagnostic Laboratory (WADDL). The program will be delivered in- person, primarily by pathology faculty and will rely heavily on the clinical service component of the residency training program, captured in the VET_PATH 542 (Advanced Diagnostic Pathology) course. This course provides experiential pathology training through WADDL necropsy and biopsy services, under the direct mentorship of faculty pathologists and is complemented by weekly gross and microscopic pathology rounds. Students are expected to complete 24-30 hours of coursework and a Master’s capstone project. This project will integrate the clinical/diagnostic knowledge and skills acquired throughout the program and may include pathology case reports, case series, pathology-focused collaborative research projects, and retrospective studies of diagnostic case material.

Program Objectives: The objectives of the professionally- oriented MS program in Veterinary Anatomic Pathology are as follows:

1. To provide students training in a diverse background relating to the many facets of veterinary anatomic pathology, so that they may pursue a successful career in diagnostic, industry or academic pathology.
2. To provide students the necessary skills to recognize, describe and diagnose gross and histopathologic lesions leading to the compilation of comprehensive necropsy and histopathology reports that effectively communicate these findings to submitting parties.
3. To prepare students with the knowledge and skills needed to successfully complete the American College of Veterinary Pathology board examination.
4. To provide a framework whereby the residency program may uphold the forthcoming accreditation standards expected to be set forth by the American College of Veterinary Pathologists.

Student Learning Outcomes:

All graduates will be able to:

1. Develop practical gross and microscopic pathology skills, including the skills needed to prepare for sitting the American College of Veterinary Pathologists board examination.
2. Develop skills in comparative anatomic pathology and diagnostic medicine leading to the ability to judge the relative importance of laboratory findings,

recommend appropriate ancillary testing, and summarize all diagnostic information into a concise and valuable report.

3. Develop written and verbal skills appropriate for communicating lesion descriptions and disease processes in a timely and professional manner appropriate for diagnostic and research laboratories.
4. Develop the work management skills necessary for competent, efficient completion of service, teaching and research responsibilities.
5. Develop research objectives and apply research theory and methodology to address a fundamental pathology-based research question.

Student Learning Outcome	Data (Direct/Indirect Measures)	Source of Data	When to collect
Develop practical gross and microscopic pathology skills, including the skills needed to prepare for sitting the American College of Veterinary Pathologists board examination.	Semester Evaluations	Instructor/Pathology Faculty	Every Semester
	Anatomic Pathology Seminar	Seminar Instructor	Every Semester
	ACVP Board Examination Performance	Student	At the completion of the program
Develop skills in comparative anatomic pathology and diagnostic medicine leading to the ability to judge the relative importance of laboratory findings, recommend appropriate ancillary testing, and summarize all diagnostic information into a concise and valuable report.	Semester Evaluations (diagnostic case-work)	Instructor/Pathology Faculty	Every Semester
	Anatomic Pathology Seminar	Seminar Instructor	Every Semester

Develop written and verbal skills appropriate for communicating lesion descriptions and disease processes in a timely and professional manner appropriate for diagnostic and research laboratories.	Semester Evaluations (diagnostic case-work)	Instructor/Pathology Faculty	Every Semester
	Introduction to Histopathology Seminar	Seminar Instructor	Fall Semester
	Anatomic Pathology Seminar	Seminar Instructor	Every Semester
Develop the work management skills necessary for competent, efficient completion of service, teaching and research responsibilities.	Semester Evaluations (diagnostic case-work)	Instructor/Pathology Faculty	Every Semester
	Teaching Assistant (VM546-Systemic Pathology)	Seminar Instructor	Fall Semester
	Anatomic Pathology Seminar	Seminar Instructor	Every Semester
Develop research objectives and apply research theory and methodology to address a fundamental pathology-based research question.	Research Proposal	Student's Advisory Committee	Every Semester
	Capstone Project	Student's Advisory Committee	Every Semester
	Posters, Presentations and Publications	Student	Every Semester

Use of Assessment Data: Due to the small size and highly specialized nature of the program, all information will be collected by the Residency Coordinator. Data collected and analyzed by the Residency Coordinator will be shared with the program faculty to determine if courses and seminars are meeting the needs of the students. Student handbooks will be updated to reflect the changes in program policies and requirements. The American College of Veterinary Pathology is currently developing accreditation requirements; gathered information will be shared with the ACVP appropriately when these are implemented.