Overview

Whatever your age there is something for you at Purdue Veterinary Medicine. Whether you are ready to pursue a veterinary technology degree or a Doctor of Veterinary Medicine degree, wanting to research a specific topic, or expanding your expertise, we have educational programs to assist you. Take a look around and let us know if you have any questions.

Veterinary Technology Program

Legal Requirements for Practice in the United States

Purdue University’s Veterinary Technology Program is fully accredited by the American Veterinary Medical Association. For purposes of registration as a veterinary technician, Indiana and most other states require that applicants be graduates of an accredited veterinary technology program and have passed the Veterinary Technician National Exam (VTNE). As a Registered Veterinary Technician (RVT), the graduate is qualified to legally perform medical and surgical nursing, nurse-anesthetist duties, imaging, laboratory testing and dental hygiene as a member of a veterinary team. No additional legal requirements presently exist for veterinary technologists (BS degree-holders); however, specialty certifications are available in many subspecialties. For further information, see www.navta.net.

Admissions

Veterinary Technology - On-Campus

The Veterinary Technology program is a science based veterinary nursing program. We offer three degree options: Bachelor of Science degree, Associate of Applied Science degree and Bachelor of Science completion option, for graduates from AVMA accredited veterinary technology programs wishing to complete a Bachelor degree.

For all applicants:

The Purdue University Veterinary Technology Program is a competitive admissions program. For questions, please contact the Veterinary Technology Office at vettech@purdue.edu or by phone at 765-496-6579 to speak with an academic advisor.

Preparing for the Competitive Admissions Process

Admission is a competitive admissions process based on the following criteria:

- Academic ability (overall academic performance with emphasis on math and science grades, SAT/ACT scores, writing skills)
- Experience (animal care, veterinary health care exposure, general work experience)
Evidence of self-motivation, self-determination, veterinary technology career awareness, leadership, and awareness of the VT Program

Applicants must be 18 years of age prior to entering clinical courses.

Each VT Class contains 30 students. There is one class per year.

Minimum Admission Requirements

High School diploma or GED. A minimum of a C average grade index is required (high school and/or college), with a B average plus upper-third class rank preferred. All degree-seeking applicants must meet these course expectations either in high school or through subsequent college-level (not remedial) coursework. A semester of college coursework is equivalent to two semesters of high school. Click here to view admissions criteria.

For questions on admissions requirements and procedures, contact the Purdue University Office of Admissions.

Office of Admissions
Schleman Hall of Student Services
475 Stadium Mall Drive
West Lafayette, IN 47907-0544
admissions@purdue.edu
765-494-1776

Doctor of Veterinary Medicine (DVM)

Prospective Applicants:

Students interested in a veterinary medical education at Purdue must complete 2 - 3 years of required course work in order to be eligible to apply to our program. Required courses must be completed with a "C-" grade (1.7 on a 4.0 scale) or better in each course and applications must maintain a competitive cumulative grade point average. Applicants with questions regarding the available courses to meet pre-requisites offered at their undergraduate institution should email vetadmissions@purdue.edu for pre-requisite course determination. Applicants must have a cumulative GPA (including all course repeats) of no less than 3.00 to receive consideration.

Preparing for the Admissions Process

- Required courses and course descriptions (Pre-veterinary minimum course requirements)
- Evaluation criteria
- Combined Degree Program (combined DVM / MS or Ph.D. for research/academic careers)
- Transfer Admission Criteria
- Cost of a professional education
- Qualifying for Resident Tuition Status
- Prospective Student Frequently Asked Questions
- DVM Class of 2017 and 2018 admitted applicant statistics
- Student Laptop Program
- Veterinary Medical School Admissions Requirements (Assoc. of American Veterinary Medical Colleges)
- Veterinary Medical Colleges Application Service (VMCAS)

For more information about admittance to the Veterinary Technology Programs, please contact admission@purdue.edu.

Advising
**Student Services**

Thank you for visiting the web page for the Student Services Center of the Purdue University College of Veterinary Medicine. Our staff is available to assist you in many ways, so please feel free to contact us when needed. The role of the Student Services Center is to provide for recruitment, admissions, student life and career transition in the College of Veterinary Medicine. Whether you are a prospective student, a current student, or even an alum of our College, please feel free to contact our office and our staff will point you in the right direction.

**Boiler up!**

*Dr. Jim Weisman*

*Director of Student Services*

**Admissions & Program Information**

- DVM Program
- Veterinary Scholars Program
- On-campus Veterinary Technician Program
- Distance Veterinary Technician Program

**Student Resources**

- PVM Student Handbook
- Purdue University Regulations
- Student Housing
- PVM Student Organizations
- Purdue Veterinary Supplies Association (PVSA)
- Current student resources and forms

**Contact Information**

College of Veterinary Medicine
625 Harrison Street
West Lafayette, IN 47907
Phone: (765) 494-7607

Visiting College of Veterinary Medicine

**College of Veterinary Medicine Administration**

**About the Veterinary Technology Program**

**Veterinary Technology Education**
The Purdue Veterinary Technology program is fully accredited by the American Veterinary Medical Association (AVMA) and is a science based veterinary nursing program offering a Bachelors and Associate of Applied Science degrees.

As an integral part of the veterinary team, veterinary technicians and technologists perform a wide range of veterinary skills:

- Radiology
- Nursing care, including pre and post-surgical care
- Anesthesia
- Client education

While a majority of veterinary technicians and technologists enter the profession in private veterinary practice, there are many other employment opportunities with a Veterinary Technology degree:

- Humane Societies and animal control facilities
- Industry
- Biomedical Research
- Veterinary Supply Sales

Technicians credentialing (certification, licensure, or registration) is required in the majority of states in the United States. Candidates for credentialing must pass a national and/or state examination. Most states require that only graduates of Veterinary Technology programs accredited by the American Veterinary Medical Association (AVMA) are eligible to take the national credentialing exam and to become credentialed Veterinary Technicians.

Professional

Veterinary Medicine, DVM

About the Program

The veterinary profession is a diverse, exciting and rewarding occupation that allows for pursuits in a variety of fields including community health, food resource management, wildlife preservation, marine biology and many others. It allows you to take your passions and apply them to advance animal, and even human, health. If you are ready to explore what it takes to become a veterinarian, check out our DVM Program for requirements and additional information including an early admission program for high achieving high school seniors. Whether you are in high school, middle school or grade school, it's never too early to see what drives you. For high school and middle school students interested in a week long summer camp to experience the world of veterinary medicine, we host Boiler Vet Camp every summer.

Summary of Program Requirements

The Summary of Program Requirements for Doctor of Veterinary Medicine is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Program Requirements
Fall 1st Year

- BMS 80100 - Comparative Anatomy I
- BMS 80700 - Principles Of Cell And Tissue Design I
- BMS 81100 - Systemic Mammalian Physiology I
- BMS 81500 - Veterinary Neuroscience
- VCS 80100 - Behavior, Husbandry, And Diagnostic Techniques I
- VCS 80400 - Behavior In Domestic Animals
- VM 82000 - Applications And Integrations I
- VM 89200 - Principles Of Professionalism, Jurisprudence, And Ethics
- VM 82500 - Grand Rounds

18 Credits

Spring 1st Year

- BMS 80200 - Comparative Anatomy II
- BMS 80800 - Principles Of Cell And Tissue Design II
- BMS 81200 - Systemic Mammalian Physiology II
- BMS 81300 - Principles Of Pharmacology
- CPB 85300 - Principles Of Veterinary Immunology
- VCS 80200 - Behavior, Husbandry, And Diagnostic Techniques II
- VM 83000 - Applications And Integrations II
- VM 82500 - Grand Rounds

18 Credits

Electives 1st Year

- VM 80900 - International Veterinary Medicine
- VM 86000 - Early Origins Of Veterinary Medicine Seminar
- BMS 81900 - Endocrine And Neural Basis Of Seasonal Activities Of Birds And Mammals In The Wild
- BMS 52800 - Avian Physiology

Fall 2nd Year

- BMS 81400 - Basic And Applied Pharmacology I
- CPB 85100 - General Pathology
- CPB 85201 - Veterinary Parasitology I
- CPB 85500 - Veterinary Hematology And Cytology
- CPB 85602 - Veterinary Bacteriology And Mycology
- VM 84000 - Applications And Integrations III
- VM 82500 - Grand Rounds

18 Credits

Electives 2nd Year

- VCS 89200 - Veterinary Forensic Medicine
- VCS 89300 - Shelter Animal Medicine

Spring 2nd Year

- BMS 81800 - Basic And Applied Pharmacology II And Principles Of Toxicology
- CPB 85202 - Veterinary Parasitology II
- CPB 85400 - Principles Of Epidemiology
- CPB 85700 - Veterinary Systemic Pathobiology
- CPB 86000 - Veterinary Virology
- CPB 86100 - Veterinary Clinical Chemistry
- VCS 80300 - Behavior, Husbandry, And Diagnostic Techniques III
- VM 85000 - Applications and Integrations IV
- VM 82500 - Grand Rounds

18 Credits

Electives 2nd Year

- VM 80900 - International Veterinary Medicine
- VM 86000 - Early Origins Of Veterinary Medicine Seminar
- BMS 81900 - Endocrine And Neural Basis Of Seasonal Activities Of Birds And Mammals In The Wild
- BMS 52800 - Avian Physiology

Year 3

- Core/elective approach
- Courses organized along species lines
- Core courses
  - required for all tracks
  - cover all major domestic species and all major disciplines
- Core - selection required courses
  - student must take a minimum number of credits in the discipline but can choose the species focus
Electives
- chosen based on track and student's career goals
- choices made in consultation with faculty advisor

Critical Course

The course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Associate Veterinary Technician, AAS

About the Program

Associate in Applied Science Degree

West Lafayette Campus

Curricula

This unique program combines one four-year curriculum with an Associate in Applied Science (AAS) and Bachelor of Science (BS) options. Students wanting only the Associate degree, or who have previously completed the general education college courses found in Year One of the bachelor's degree, begin in the clinical portion, or Year Two, of the program.

Although any student can compete to start in the Year Two associate degree program, high school students, or those without any college experience, are strongly advised to apply for the first year of the BS degree program. This allows students to obtain a science, math and general education background and develop college-level study skills prior to entering the intensive clinical portion of the curriculum. The student who completes the first year of the BS degree program but wishes to stop after completing the associate degree would complete the curriculum in three years (The first year of general education and two years, including two summers, of associate degree curriculum).

For more information, see the Veterinary Technology website (https://vet.purdue.edu/vettech/)

Careers

As part of the veterinary team, registered veterinary technicians with an AAS degree perform a wide range of veterinary nursing, imaging, anesthesia, dental hygiene and diagnostic laboratory procedures in the practice setting.

Veterinary technologists (BS degree) add organizational skills and case/project management to their technical abilities. Possible career tracks for technologists include animal behavior counselors, specialty practice technologists, clinic/hospital team leaders, veterinary technology program educators, pharmaceutical sales, wildlife rehabilitation, zoo and shelter medicine.
Credentialed veterinary technicians are required to maintain continuing education according to state regulations. Information about continuing education programs is available through the Purdue University College of Veterinary Medicine's Office of Lifelong Learning.

The AAS and BS plans of study in veterinary technology are not intended to meet the requirements for application to veterinary school to become a Doctor of Veterinary Medicine (DVM).

**Summary of Program Requirements**

The Summary of Program Requirements for Veterinary Technician AAS is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

**Detailed Program Requirements**

Please see below for detailed program requirements and possible selective fulfillments.

\[ V \quad AAS \]

\[ VETT \]

70 Credits

**Veterinary Technology Major Courses (64.5 cr.)**

Veterinary Technology major courses must be taken in specific order.

- VM 14000 - Introduction To Veterinary Technology
- BMS 23100 - Anatomy For Veterinary Technicians
- BMS 23200 - Physiology For Veterinary Technicians
- VCS 22100 - Veterinary Nursing Techniques For The Normal Animal (SA & LA)
- VM 24100 - Safety, Prevention And Public Health
- VM 24300 - Clinic Rotations I
- VCS 25100 - Introduction To Diagnostic Imaging For The Veterinary Technician
- VCS 22200 - Dentistry For The Veterinary Technician
- VCS 22300 - Surgical Nursing And Operating Room Protocols
- VM 25100 - Medical Math And Terminology For Veterinary Technicians
- VCS 22400 - Small Animal Nursing I
- VCS 22500 - Large Animal Nursing I
- CPB 25500 - Clinical Pathology For Veterinary Technicians
- BMS 23300 - Introduction To Pharmacology For Veterinary Technicians
- VCS 22600 - Principles Of Anesthesia
- VCS 25200 - Diagnostic Imaging For Veterinary Technicians
- VCS 22800 - Small And Large Animal Well Animal Nutrition
- BMS 23400 - Clinical Physiology For Veterinary Technicians
- VM 24400 - Clinical Rotations II
- VM 24900 - Clinical Rotations III
- VM 24200 - Integrations I
- VM 32300 - Laboratory Animals And Nursing Of Non-Traditional Pets
- BMS 33100 - Pharmacology For Veterinary Technicians
- VCS 32100 - Large Animal Nursing II
- VCS 32200 - Small Animal Nursing II
Free Electives (minimum of 2.5 cr.)

Other Program Course Requirements

ENGL composition (3 credits)

requirement may be satisfied by

- ENGL 10600 - First-Year Composition
- ENGL 10800 - Accelerated First-Year Composition
- ENGL 10100 - English Composition I
- ENGL 10200 - English Composition II
- ENGL 10300 - Comprehensive First Year Composition

Note

Transfer credit may be used to satisfy free elective and other program course requirements. Consult your academic advisor.

Program Requirements

General Education Requirements

*3 credit of English composition are required for AS degree. However, ENGL 10600 (4 credits) is typically used to meet the requirement.

- ENGL - English Composition - Credit Hours: 3.00 *

Fall 1st Year

- VM 14000 - Introduction To Veterinary Technology
- BMS 23100 - Anatomy For Veterinary Technicians
- BMS 23200 - Physiology For Veterinary Technicians
- VCS 22100 - Veterinary Nursing Techniques For The Normal Animal (SA & LA)
• VM 24100 - Safety, Prevention And Public Health
• VM 24300 - Clinic Rotations I (Monday)
• VCS 25100 - Introduction To Diagnostic Imaging For The Veterinary Technician (wks 1-8)
• VCS 22200 - Dentistry For The Veterinary Technician (wks 10-15)
• VCS 22300 - Surgical Nursing And Operating Room Protocols (wks 1-8)
• VM 25100 - Medical Math And Terminology For Veterinary Technicians (wks 1-8)

16 Credits

Spring 1st Year

• VCS 22400 - Small Animal Nursing I
• VCS 22500 - Large Animal Nursing I
• CPB 25500 - Clinical Pathology For Veterinary Technicians
• BMS 23300 - Introduction To Pharmacology For Veterinary Technicians (wks 1-4)
• VCS 22600 - Principles Of Anesthesia (wks 5-15)
• VCS 25200 - Diagnostic Imaging For Veterinary Technicians
• VCS 22800 - Small And Large Animal Well Animal Nutrition
• BMS 23400 - Clinical Physiology For Veterinary Technicians
• VM 24400 - Clinical Rotations II (Friday)

16 Credits

Summer Between Year 1 and Year 2

Rotation is 6 wks. Two sections-weeks 1-6 & 10-15 Vacation for 9 weeks

• VM 24900 - Clinical Rotations III (M-F)

Fall 2nd Year

• VM 32300 - Laboratory Animals And Nursing Of Non-Traditional Pets
• BMS 33100 - Pharmacology For Veterinary Technicians
• VCS 32100 - Large Animal Nursing II
• VCS 32200 - Small Animal Nursing II
• VM 24200 - Integrations I
• VM 34300 - Clinical Rotations IV (T,W,Th)

13.5 Credits
Spring 2nd Year

- CPB 35100 - Microbiology For Veterinary Technicians
- CPB 35200 - Parasitology For Veterinary Technicians
- VM 34500 - Management I
- VM 34400 - Clinic Rotations V (T, W, Th)
- VM 34200 - Integrations II
- Free elective - Credit Hours: 2.50

14 Credits

Summer Year 2

Practicum is 12 weeks. (Vacation for 3 weeks)

- VM 39000 - Practicum

Associate of Applied Science Degree Granted (Minimum required credits 70)

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Consultation with an academic advisor is strongly advised.

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Veterinary Technology Distance Learning, AAS

About the Program

Associate in Applied Science Distance Learning Program

The Veterinary Technology program is a science-based veterinary nursing program offering an Associates in Applied Science (AAS) degree. The Veterinary Technology Distance Learning (VTDL) program at Purdue University is designed to allow a
student to gain the knowledge, information, and skills necessary to practice as a veterinary technician. It is an AVMA accredited degree. At its completion, the student is eligible to take the Veterinary Technician National Exam (VTNE).

Typically, most students who complete the VTDL are already employed with a veterinarian, and plan to continue working in the field. Students are willing to make a long-term commitment to develop the skills and acquire the extensive knowledge required to be a Veterinary Technician.

The VTDL curriculum contains 35 didactic courses and 17 clinical mentorships. It is a part-time program and cannot be taken full-time. Financial aid eligibility is limited. Students are responsible for finding their own mentorship sites with a veterinary health care facility.

Most VTDL courses are offered every semester, i.e. fall, spring and summer. Courses follow the Purdue class calendar. Students may begin the program at the start of any semester.

More information and sample plans of study are on the Purdue College of Veterinary Medicine Veterinary Technology web site (https://vet.purdue.edu/vettech/).

Summary of Program Requirements

The Summary of Program Requirements for Veterinary Technician Distance Learning is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Program Requirements

Fall 1st Year

Semester 1

- VM 10500 - Introduction to Veterinary Technology-DL
- BMS 11500 - Anatomy For VT-DL
- BMS 13500 - Physiology For VT-DL

3.5 Credits

Spring 1st Year

Semester 2

- BMS 11600 - Anatomy II VT-DL
- BMS 13600 - Physiology For Vet Tech II - DL
- VCS 20100 - Pharmacy Procedures For VT -DL
3.5 Credits

Summer 1st Year

Semester 3

- BMS 23500 - Pharmacology VT-DL
- VM 22300 - Pharmacy Clinical Mentorship-DL

1.5 Credits

Fall 2nd Year

Semester 4

- VCS 14200 - Diagnostic Imaging For Vet Techs I -DL
- CPB 15000 - Clinical Pathology I-DL
- BMS 23600 - Pharmacology II VT-DL
- VCS 14000 - Small Animal Nursing I For Vet Techs-DL

5.5 Credits

Spring 2nd Year

Semester 5

- VCS 14100 - Small Animal Nursing II For Vet Techs-DL
- ANSC 10100 - Animal Agriculture
- VCS 14500 - Anesthesia For Vet Techs I-DL

6.0 Credits

Summer 2nd Year

Semester 6

- VCS 23000 - S A Nursing III-VTDL
- VCS 14300 - Diagnostic Imaging For Vet Techs II -DL
- VCS 14700 - Principles Of Techniques and Sterilization-DL
- VM 20500 - Small Animal Nursing Clinical Mentorship I-DL
5 Credits

Fall 3rd Year

Semester 7

- VCS 23100 - S A Nursing IV-VTDL
- VCS 14600 - Anesthesia For Vet Techs II -DL
- CPB 15100 - Clinical Pathology II-DL
- VCS 14800 - Large Animal Nursing and Health Management I - Distance Learning
- VM 21500 - Small Animal Diag Imaging I-Clinical Mentorship-DL

6.5 Credits

Spring 3rd Year

Semester 8

- VCS 14900 - Large Animal Nursing and Health Management II - Distance Learning
- VM 22000 - Laboratory Animal Health I -DL
- CPB 22700 - Microbiology for Veterinary Technicians-DL
- VM 24500 - Management Topics for Vet Techs I -DL
- VM 21600 - Small Animal Diag Imaging II-Clinical Mentorship-DL

6.5 Credits

Summer 3rd Year

Semester 9

- VCS 23300 - Introduction to Ophtho Derm and Oncology-DL
- VCS 23700 - Large Animal Nursing and Health Management III - Distance Learning
- CPB 22500 - Parasitology for Veterinary Technicians I - DL
- VM 20600 - Small Animal Nursing Clinical Mentorship II-DL

4.5 Credits

Fall 4th Year
Semester 10

- VCS 23800 - Large Animal Nursing and Health Management IV - Distance Learning
- VCS 22100 - Veterinary Nursing Techniques For The Normal Animal (SA & LA)
- CPB 22600 - Parasitology for Veterinary Technicians II - DL
- CPB 15200 - Clinical Pathology III-DL
- VM 20700 - Small Animal Nursing Clinical Mentorship III-DL

5.5 Credits

Spring 4th Year

Semester 11

- CPB 24000 - Public and Occupational Health for Vet Techs I -DL
- VM 24600 - Management Topics for Vet Techs II-DL
- VM 20800 - Large Animal Medical Nursing Clinical Mentorship -DL
- VM 20900 - Equine Medical Nursing Clinical Mentorship - DL
- VM 22600 - Laboratory Animal Clinical Mentorship -DL

5 Credits

Summer 4th Year

Semester 12

- VM 21000 - Small Animal Anesthesia-Clinical Mentorship-DL
- VM 21100 - Food Animal and Equine Anesthesia-Clinical Mentorship-DL
- VM 21200 - Operating Room Techniques and Sterilization -Clinical Mentorship-DL

3.5 Credits

Fall 5th Year

Semester 13

- CPB 24100 - Public and Occupational Health for Vet Techs II-DL
- VM 21700 - Food Animal and Equine Diagnostic Imaging-Clinical Mentorship
- VM 22200 - Parasitology Microbiology Clinical Mentorship -DL
- VM 22700 - Clinical Pathology Clinical Mentorship-DL
7.5 Credits

Spring 5th Year

Semester 14

*can be taken concurrently

- VM 24800 - Understanding Animal Disease-DL
- VM 22500 - Advanced Clinical Mentorship - DL *
- VM 22400 - Necropsy Clinical Mentorship -DL *
- Elective - Credit Hours: 2.00

6 Credits

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Baccalaureate

Veterinary Technology 2+2, BS

About the Program

Veterinary Technology Program

Baccalaureate Degree Completion Program

The Bachelor's (BS) Completion Program builds upon college credits and the associate degree equivalents earned during the AAS or AS Veterinary Technician degree. This program is designed to enable graduates of accredited associate degree Veterinary Technician programs to become veterinary technologists by earning a bachelor's degree.

In total, 127.5 credits hours are required for the Purdue BS degree in Veterinary Technology. The BS Completion uses transfer credits from the associate degree to satisfy the competencies required for the second and third years of the BS degree, which are the clinical portion of the associate degree. In order to graduate from this program, students must complete a minimum of 32 credit hours of 30000 to 40000-level courses at the Purdue University campus, in addition to the BS degree requirements.
Limited class size necessitates a competitive admission process for available openings. If admitted, a credit evaluation will be completed to determine transfer credit that will be applied towards the degree.

Summary of Program Requirements

The Summary of Program Requirements for Veterinary Technology 2+2 is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Veterinary Technology Major Courses (credits)

- VM 44100 - Occupational And Public Health For Veterinary Technicians
- VCS 46700 - Diagnostic Instrumentation
- VM 44200 - Management II
- VM 44300 - Clinic Rotations VI
- BMS 46400 - Clinical Pharmacology And Toxicology For Veterinary Technologists
- CPB 48000 - Seminar In Animal Welfare And Human-Animal Interaction
- VCS 41800 - Applied Small Animal Behavior
- VM 44500 - Veterinary Technology Senior Project

Note

Credits from AVMA-accredited associate program will be applied toward bachelor degree completion as determined by program director or academic advisor.

Veterinary Technology Electives (minimum of 6.0 credits)

Free Electives (minimum of 5.5 credits)

Other Program Course Requirements (minimum 35 credits)

- BIOL 11000 - Fundamentals Of Biology I (satisfies Science)
- BIOL 11000 - Fundamentals Of Biology I (satisfies Science)
- COM 11400 - Fundamentals Of Speech Communication (satisfies Oral Communication)
- ENGL 10600 - First-Year Composition (satisfies Written Communication and Information Literacy)
• ENGL 10800 - Accelerated First-Year Composition (satisfies Written Communication and Information Literacy)
• CHM 11100 - General Chemistry (satisfies Science) or
  CHM 11500 - General Chemistry (satisfies Science)
• CHM 11200 - General Chemistry (satisfies Science) or
  CHM 11600 - General Chemistry (satisfies Science)
• MA 15300 - Algebra And Trigonometry I (satisfies Quantitative Reasoning)
• Science, Technology & Society Selective - Credit Hours: 3.00
• Humanities Outcome Selective - Credit Hours: 3.00
• Behavior/Social Science Outcome Selective - Credit Hours: 3.00
• ENGL 42000 - Business Writing or
  ENGL 42100 - Technical Writing or
  COM 32000 - Small Group Communication or
  COM 32400 - Introduction To Organizational Communication

University Core Requirements

• Human Cultures Humanities
• Human Cultures Behavioral/Social Science
• Science #1
• Science #2
• Science, Technology & Society Selective
• Information Literacy
• Written Communication
• Oral Communication
• Quantitative Reasoning

Office of the Provost Purdue’s Undergraduate Outcomes-based Core Curriculum
www.purdue.edu/provost/initiatives/curriculum/index.html

Program Requirements

Graduates of accredited AVMA associate degree programs will transfer credits of associate degree level Veterinary Technology course work from their home program.

If from a proprietary institution, once admitted the Veterinary Technology program will assign departmental credit for associate degree level vet tech courses.

General Education Requirements

• CHM 11100 - General Chemistry
• BIOL 11000 - Fundamentals Of Biology I
• MA 15300 - Algebra And Trigonometry I
• ENGL - English composition - Credit Hours: 3.00 **
• Various - Science, Technology & Society Selective - Credit Hours: 3.00
• CHM 11200 - General Chemistry
• BIOL 11100 - Fundamentals Of Biology II
• COM 11400 - Fundamentals Of Speech Communication
• Various - Behavior/Social Science Selective - Credit Hours: 3.00
• Various - Humanities Outcome Selective - Credit Hours: 3.00

Note

English and Communications cannot be taken in the same semester.

**3 credits of English composition are required for the BS degree. However, English 10600 (4 credits) is typically used to meet this requirement. English 10600 or 10800 meet the Information Literacy and Written Communication outcomes for undergraduate core curriculum.

Summer

• VM 44400 - Veterinary Technology Clinical Orientation

Electives

• Veterinary Technology Electives - 6 cr minimum
• Free Electives - 5.5 cr minimum

Veterinary Technology senior level courses

Fall

• VM 44100 - Occupational And Public Health For Veterinary Technicians
• VCS 42200 - Diagnostic Instrumentation - Credit Hours: 3.00
• VM 44200 - Management II
• BMS 43100 - Clinical Toxicology for VT - Credit Hours: 2.00
• VM 44300 - Clinic Rotations VI
• CPB 48000 - Seminar In Animal Welfare And Human-Animal Interaction

Spring

• VM 44500 - Veterinary Technology Senior Project
• VCS 42300 - Applied Small Animal Behavior - Credit Hours: 3.00

• ENGL 42000 - Business Writing or
• ENGL 42100 - Technical Writing or
• COM 32000 - Small Group Communication or
• COM 32400 - Introduction To Organizational Communication
Bachelor of Science (Minimum Hours Required: 127.5)

This is a suggested plan of study and subject to change

See the Outcome Selectives for approved Purdue courses

Outcome Selectives

Outcome selectives may be satisfied by transfer credits or IUPUI/IPFW equivalencies. Consult your academic advisor.

Science, Technology & Society

- AGRY 28500 - World Crop Adaptation And Distribution
- AGRY 29000 - Introduction To Environmental Science
- ANTH 21000 - Technology And Culture
- ANSC 10200 - Introduction To Animal Agriculture
- BCHM 10000 - Introduction To Biochemistry
- BIOL 31200 - Great Issues Genomics And Society
- BTNY 20100 - Plants And Civilization
- BTNY 21100 - Plants And The Environment
- COM 25100 - Communication, Information, And Society
- EAPS 10000 - Planet Earth
- EAPS 10400 - Oceanography
- EAPS 10600 - Geosciences In The Cinema
- EAPS 11300 - Introduction To Environmental Science
- EAPS 12000 - Introduction To Geography
- ENTM 10500 - Insects: Friend And Foe
- ENTM 21800 - Introduction To Forensic Science
- EPCS 10100 - First Year Participation In EPICS
- EPCS 10200 - First Year Participation In EPICS
- EPCS 20100 - Sophomore Participation In EPICS
- EPCS 20200 - Sophomore Participation In EPICS
- FNR 10300 - Introduction To Environmental Conservation
- FNR 23000 - The World's Forests And Society
- FNR 24000 - Wildlife In America
- IT 22600 - Biotechnology Laboratory I
- NRES 29000 - Introduction To Environmental Science
- PHIL 27000 - Biomedical Ethics
- POL 23700 - Modern Weapons And International Relations
- STAT 11300 - Statistics And Society
- TECH 12000 - Design Thinking In Technology

Approved for Spring 2014

- BIOL 12100 - Biology I: Diversity, Ecology, And Behavior
• HONR 19901 - The Evolution Of Ideas
• HSCI 20100 - Principles of Public Health Science

Humanities

• AAS 27100 - Introduction To African American Studies
• AD 11300 - Basic Drawing
• AD 11700 - Photography I: Black And White Processes And Aesthetics
• AD 12500 - Introduction To Interior Design
• AD 22700 - History Of Art Since 1400
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Behavior/Social Science

- AGEC 20300 - Introductory Microeconomics For Food And Agribusiness
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- COM 21200 - Approaches To The Study Of Interpersonal Communication
- COM 22400 - Communicating In The Global Workplace
- ECON 21000 - Principles Of Economics
- ECON 25100 - Microeconomics
- ECON 25200 - Macroeconomics
- EDCI 28500 - Multiculturalism And Education
- EDPS 23500 - Learning And Motivation
- EDPS 26500 - The Inclusive Classroom
- EDPS 31600 - Collaborative Leadership: Cross-Cultural Settings
- EDST 24800 - Contemporary Issues In American Schools
- ENGL 22700 - Elements Of Linguistics
- HDFS 21000 - Introduction To Human Development
- HDFS 28000 - Diversity In Individual And Family Life
- LING 20100 - Introduction To Linguistics
• POL 10100 - American Government And Politics
• POL 12000 - Introduction To Public Policy And Public Administration
• POL 13000 - Introduction To International Relations
• POL 22200 - Women, Politics, And Public Policy
• POL 22300 - Introduction To Environmental Policy
• POL 23500 - International Relations Among Rich And Poor Nations
• PSY 12000 - Elementary Psychology
• SOC 10000 - Introductory Sociology
• SOC 22000 - Social Problems
• WOST 28000 - Intro to Women's Studies

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Veterinary Technology, BS

About the Program

Bachelor of Science Degree

West Lafayette Campus

Curricula

This unique program combines one four-year curriculum with an Associate in Applied Science (AAS) and Bachelor of Science (BS) options. Students wanting only the Associate degree, or who have previously completed the general education college courses found in Year One of the bachelor's degree, begin in the clinical portion, or Year Two, of the program.
Although any student can compete to start in the Year Two associate degree program, high school students, or those without any college experience, are strongly advised to apply for the first year of the BS degree program. This allows students to obtain a science, math and general education background and develop college-level study skills prior to entering the intensive clinical portion of the curriculum. The student who completes the first year of the BS degree program but wishes to stop after completing the associate degree would complete the curriculum in three years (The first year of general education and two years, including two summers, of associate degree curriculum).

For more information, see the Veterinary Technology website (https://vet.purdue.edu/vettech/)

**Careers**

As part of the veterinary team, registered veterinary technicians with an AAS degree perform a wide range of veterinary nursing, imaging, anesthesia, dental hygiene and diagnostic laboratory procedures in the practice setting.

Veterinary technologists (BS degree) add organizational skills and case/project management to their technical abilities. Possible career tracks for technologists include animal behavior counselors, specialty practice technologists, clinic/hospital team leaders, veterinary technology program educators, pharmaceutical sales, wildlife rehabilitation, zoo and shelter medicine.

Credentialled veterinary technicians are required to maintain continuing education according to state regulations. Information about continuing education programs is available through the Purdue University College of Veterinary Medicine's Office of Lifelong Learning.

The AAS and BS plans of study in veterinary technology are not intended to meet the requirements for application to veterinary school to become a Doctor of Veterinary Medicine (DVM).

**Summary of Program Requirements**

The Summary of Program Requirements for Veterinary Technology is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

**Detailed Program Requirements**

Please see below for detailed program requirements and possible selective fulfillments.

V- BS
VTAA
127.5 Credits

**Veterinary Technology Major Courses (81 credits)**

Veterinary Technology major courses must be taken in specific order.

- VM 14000 - Introduction To Veterinary Technology
- BMS 23100 - Anatomy For Veterinary Technicians
- BMS 23200 - Physiology For Veterinary Technicians
- VCS 22100 - Veterinary Nursing Techniques For The Normal Animal (SA & LA)
- VM 24100 - Safety, Prevention And Public Health
- VM 24300 - Clinic Rotations I
- VCS 25100 - Introduction To Diagnostic Imaging For The Veterinary Technician
- VCS 22200 - Dentistry For The Veterinary Technician
Veterinary Technology Electives (minimum of 6.0 credits)

Free Electives (minimum of 5.5 cr.)

Other Program Course Requirements (minimum 35 credits)

- BIOL 11000 - Fundamentals Of Biology I (satisfies Science)
- BIOL 11000 - Fundamentals Of Biology I (satisfies Science)
- COM 11400 - Fundamentals Of Speech Communication (satisfies Oral Communication)
- ENGL 10600 - First-Year Composition (satisfies Written Communication and Information Literacy) or
• ENGL 10800 - Accelerated First-Year Composition (satisfies Written Communication and Information Literacy)

• CHM 11100 - General Chemistry (satisfies Science) or
• CHM 11500 - General Chemistry (satisfies Science)

• CHM 11200 - General Chemistry (satisfies Science) or
• CHM 11600 - General Chemistry (satisfies Science)

• MA 15300 - Algebra And Trigonometry I (satisfies Quantitative Reasoning)
• Science, Technology & Society Selective - Credit Hours: 3.00
• Humanities Outcome Selective - Credit Hours: 3.00
• Behavior/Social Science Outcome Selective - Credit Hours: 3.00

• ENGL 42000 - Business Writing or
• ENGL 42100 - Technical Writing or
• COM 32000 - Small Group Communication or
• COM 32400 - Introduction To Organizational Communication

University Core Requirements

• Human Cultures Humanities
• Human Cultures Behavioral/Social Science
• Science #1
• Science #2
• Science, Technology & Society Selective
• Information Literacy
• Written Communication
• Oral Communication
• Quantitative Reasoning

Office of the Provost Purdue's Undergraduate Outcomes-based Core Curriculum
www.purdue.edu/provost/initiatives/curriculum/index.html

Program Requirements

Fall 1st Year

Semester 1

English and Communications cannot be taken in the same semester.

• CHM 11100 - General Chemistry
• MA 15300 - Algebra And Trigonometry I
• COM 11400 - Fundamentals Of Speech Communication
• BIOL 11000 - Fundamentals Of Biology I
• Various Science, Technology & Society Selective - Credit Hours: 3.00
• VM 14000 - Introduction To Veterinary Technology *
17 Credits

Spring 1st Year

Semester 2

English and Communications cannot be taken in the same semester.

- CHM 11200 - General Chemistry
- Various Behavior/Social Science Outcome Selective - Credit Hours: 3.00
- BIOL 11100 - Fundamentals Of Biology II
- ENGL First-Year Composition - Credit Hours: 3.00 **
- Various Humanities Outcome Selective - Credit Hours: 3.00

16 Credits

Fall 2nd Year

Semester 3

- BMS 23100 - Anatomy For Veterinary Technicians
- BMS 23200 - Physiology For Veterinary Technicians
- VCS 22100 - Veterinary Nursing Techniques For The Normal Animal (SA & LA)
- VM 24100 - Safety, Prevention And Public Health
- VM 24300 - Clinic Rotations I
- VCS 25100 - Introduction To Diagnostic Imaging For The Veterinary Technician
- VCS 22200 - Dentistry For The Veterinary Technician (wks 10 - 15)
- VCS 22300 - Surgical Nursing And Operating Room Protocols
- VM 25100 - Medical Math And Terminology For Veterinary Technicians

15 Credits

Spring 2nd Year

Semester 4

- VCS 22400 - Small Animal Nursing I
- VCS 22500 - Large Animal Nursing I
- CPB 25500 - Clinical Pathology For Veterinary Technicians
- BMS 23300 - Introduction To Pharmacology For Veterinary Technicians (wks 1-4)
- VCS 22800 - Principles Of Anesthesia (wks 5-15)
- VCS 25200 - Diagnostic Imaging For Veterinary Technicians
• VCS 22800 - Small And Large Animal Well Animal Nutrition
• BMS 23400 - Clinical Physiology For Veterinary Technicians
• VM 24400 - Clinical Rotations II (Friday)

16 Credits

Summer Between Year 2 and 3

Rotation is 6 wks. Two sections-wks 1-6 or 10-15 Vacation for 9 wks

• VM 24900 - Clinical Rotations III (M-F)

Fall 3rd Year

Semester 5

• VM 32300 - Laboratory Animals And Nursing Of Non-Traditional Pets
• VM 24200 - Integrations I
• BMS 33100 - Pharmacology For Veterinary Technicians
• VCS 32100 - Large Animal Nursing II
• VCS 32200 - Small Animal Nursing II
• VM 34300 - Clinical Rotations IV (T,W,Th)

13.5 Credits

Spring 3rd Year

Semester 6

• CPB 35100 - Microbiology For Veterinary Technicians
• CPB 35200 - Parasitology For Veterinary Technicians
• VM 34500 - Management I
• VM 34400 - Clinic Rotations V
• VM 34200 - Integrations II
• ^ Free Elective - Credit Hours: 2.50
• Vet Tech Electives (suggested cr number)(14 cr without VT electives) - Credit Hours: 2.00

16 Credits

Summer Between Year 3 and Year 4
Practicum requirement is 12 weeks (Vacation for 3 weeks)

- VM 39000 - Practicum

Associate Degree Granted (Minimum Hours Required: 70)

Fall 4th Year

Semester 7

- VM 44100 - Occupational And Public Health For Veterinary Technicians
- VCS 46700 - Diagnostic Instrumentation
- VM 44200 - Management II
- BMS 46400 - Clinical Pharmacology And Toxicology For Veterinary Technologists
- VM 44300 - Clinic Rotations VI (Monday)
- CPB 48000 - Seminar In Animal Welfare And Human-Animal Interaction
- Free Elective - Credit Hours: 3.00
- Vet Tech Electives (suggested cr number) - Credit Hours: 1.00

14.5 Credits

Spring 4th Year

Semester 8

- VM 44500 - Veterinary Technology Senior Project
- ENGL 42000 - Business Writing or
- ENGL 42100 - Technical Writing or
- COM 32000 - Small Group Communication or
- COM 32400 - Introduction To Organizational Communication
- VCS 41800 - Applied Small Animal Behavior
- Vet Tech Electives (suggested cr number) - Credit Hours: 3.00

12 Credits

Bachelor Degree Granted (Minimum Hours Required: 127.5)

Note
^Required for completion of AS degree

Bachelor of Science degree curriculum requires 6.0 credits of Vet Tech Electives and 5.5 credits of free electives.

*VM 14000 is required for both AS and BS degrees. For student entering at the 2nd year, VM 14000 is taken Fall of Year 2.

**3 credits of English composition are required for the BS degree. However, English 10600 (4 credits) is typically used to meet this requirement. English 10600 or 10800 meet the Information Literacy outcome for undergraduate core curriculum.

This is a suggested plan of study and subject to change

See the Outcome Selectives for approved Purdue courses

## Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Consultation with an academic advisor is strongly advised.

## Outcome Selectives

Outcome selectives may be satisfied by transfer credits or IUPUI/IPFW equivalencies. Consult your academic advisor.

### Science, Technology & Society

- AGRY 28500 - World Crop Adaptation And Distribution
- AGRY 29000 - Introduction To Environmental Science
- ANTH 21000 - Technology And Culture
- ANSC 10200 - Introduction To Animal Agriculture
- BCHM 10000 - Introduction To Biochemistry
- BIOL 31200 - Great Issues Genomics And Society
- BTNY 20100 - Plants And Civilization
- BTNY 21100 - Plants And The Environment
- COM 25100 - Communication, Information, And Society
- EAPS 10000 - Planet Earth
- EAPS 10400 - Oceanography
- EAPS 10600 - Geosciences In The Cinema
- EAPS 11300 - Introduction To Environmental Science
- EAPS 12000 - Introduction To Geography
- ENTM 10500 - Insects: Friend And Foe
- ENTM 21800 - Introduction To Forensic Science
- EPCS 10100 - First Year Participation In EPICS
- EPCS 10200 - First Year Participation In EPICS
- EPCS 20100 - Sophomore Participation In EPICS
- EPCS 20200 - Sophomore Participation In EPICS
- FNR 10300 - Introduction To Environmental Conservation
- FNR 23000 - The World's Forests And Society
- FNR 24000 - Wildlife In America
- IT 22600 - Biotechnology Laboratory I
• NRES 29000 - Introduction To Environmental Science
• PHIL 27000 - Biomedical Ethics
• POL 23700 - Modern Weapons And International Relations
• STAT 11300 - Statistics And Society
• TECH 12000 - Design Thinking In Technology

Approved for Spring 2014

• BIOL 12100 - Biology I: Diversity, Ecology, And Behavior
• HONR 19901 - The Evolution Of Ideas
• HSCI 20100 - Principles of Public Health Science

Humanities

• AAS 27100 - Introduction To African American Studies
• AD 11300 - Basic Drawing
• AD 11700 - Photography I: Black And White Processes And Aesthetics
• AD 12500 - Introduction To Interior Design
• AD 22700 - History Of Art Since 1400
• AD 24200 - Ceramics I
• AD 25100 - History Of Photography I
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Department of Basic Medical Sciences

Overview

The Department of Basic Medical Sciences (BMS) offers graduate programs leading to the Master of Science (M.S.) and Doctor of Philosophy (Ph.D) degrees. The Department emphasizes integrative studies that are applicable to animal and human
health. Discovery activities range from studies of molecular and cellular processes to studies of the whole animal, in areas of cell and tissue growth, differentiation, regeneration, and numerous aspects of cancer biology. BMS faculty currently have active research programs in the areas of cancer biology; musculoskeletal biomechanics and skeletal adaptation; neural development, mechanisms of injury and regeneration; tissue dynamic spectroscopy; cellular and molecular screening; and high throughput analysis of cell function. Our directory of faculty research interests describes in more detail the exciting research that is conducted in BMS.

**Faculty**


**Contact Information**

**Basic Medical Sciences**
Purdue University College of Veterinary Medicine
Basic Medical Sciences Department
625 Harrison St.
West Lafayette, IN 47907-2026

Phone: 765-494-8632
Fax: 765-494-0781

**Graduate Information**

For Graduate Information please see Basic Medical Sciences Graduate Program Information.

**Department of Comparative Pathobiology**

**Overview**

Welcome to the Department of Comparative Pathobiology. Comparative Pathobiology is the study of disease phenomena basic to all species including humans, at the molecular, cellular, organismal and ecosystem level. Our faculty, staff and students are involved in research and learning in a variety of areas including pathobiology, infectious diseases and vaccines, cancer biology, nanomedicine, toxicology, disease surveillance and human-animal interactions.

**Faculty**


**Contact Information**

**Comparative Pathobiology**
Ramesh Vemulapalli, BVSc, MVSc, PhD
Graduate Information

For Graduate Information please see Comparative Pathobiology Graduate Program Information.

Department of Veterinary Clinical Sciences

Overview

Welcome to the Department of Veterinary Clinical Sciences. The VCS department is one of three departments in the Purdue University College of Veterinary Medicine. Our mission is to educate members of the veterinary health care team and biomedical community, to create and communicate knowledge, and to provide outstanding clinical service for the citizens of Indiana and surrounding region.

The department offers graduate programs leading to the Master of Science (MS; thesis or non-thesis) and Doctor of Philosophy (PhD) degrees. We also provide excellent opportunities for Post-DVM students to further their training through specialty residency programs in anesthesiology, cardiology, diagnostic imaging, emergency and critical care medicine, large animal internal medicine, large animal surgery, neurology, oncology, ophthalmology, radiation oncology, small animal internal medicine, and small animal surgery.

Faculty

https://vet.purdue.edu/directory/index.php

Contact Information

Veterinary Clinical Sciences

The VCS department office is located in Lynn Hall, Rm. 1352.
Hours: Monday - Friday, 8:00am - 5:00pm

Department Head

J. Scott-Moncrieff, VET MB, MA, MS

Department Head
Professor, Small Animal Internal Medicine

Phone: 765.494.9900
Fax: 765.496.1108
Email: scottmon@purdue.edu
Graduate Information

For Graduate Information please see Veterinary Clinical Sciences Graduate Program Information.