

SCHOOL OF

VETERINARY MEDICINE

2010 through 2011

CATALOG



PURDUE
UNIVERSITY

www.purdue.edu

The information contained in this publication is subject to change as a result of action by federal and/or state governments, the trustees of Purdue University, and the administration of Purdue University. Questions concerning the contents of this publication should be directed to the appropriate University department or official.

Produced by Purdue Marketing and Media



School of Veterinary Medicine

2010 through 2011

Published by Purdue University
West Lafayette, Indiana

Contents

5	Purdue: A World of Possibilities
8	Admissions
11	Expenses
12	Financial Aid
13	Living Accommodations
15	Student Services
16	Information Technology
17	Libraries
18	Study Abroad
18	Abbreviations
19	Preprofessional Curriculum
20	School of Veterinary Medicine
20	History
20	Accreditation
20	Academic Structure
20	Veterinary Medical Administration
20	Media Instructional and Information Technology
21	Biomedical Information Resources Center
21	Veterinary Medicine as a Career
21	Career Opportunities
22	Admission to the Professional School
23	Veterinary Student Expenses
24	Plan of Study and Professional Curriculum
24	Professional Curriculum
29	3 + 1 Programs
29	Professional Program Graduation Requirements
29	Legal Requirements for Practice in the United States
30	Veterinary Technology as a Career
31	Veterinary Technology Curricula
32	2 + 2 Veterinary Technologist Plan of Study
33	General Requirements for Associate of Science Degree
33	General Requirements for Baccalaureate Degree
33	Graduate Veterinary Technicians
33	Graduation Requirements
33	Legal Requirements for Practice in the United States
34	Graduate Study
34	Information about Courses
34	School of Veterinary Medicine Administration, Faculty, and Teaching Staff
37	Instructional Units
38	Index

Purdue: A World of Possibilities

Consider the impact of Purdue University on your world!

Some of you are Purdue students, poised on the launch pad of your adult life. Others, high school students still trying to zero in on your career path and life mission. Consider looking at your future through the expansive and engaging field of vision Purdue offers in this increasingly global and technologically advanced world.

Telescopic View of Purdue

- Founded in 1869 as Indiana's land-grant university and named for benefactor John Purdue
- Ranks 22nd among the nation's public universities and 61st among all universities by *U.S. News & World Report* (2009)
- Among the largest universities in the United States with a state system-wide enrollment of more than 74,300 at four campuses and 10 Technology Statewide locations throughout Indiana; about 39,700 at the main campus in West Lafayette
- Ranks 9th in *SmartMoney* magazine's "pay-back" survey, quantifying the long-term value of a college education — or earnings compared to tuition investment (2009)
- Included in The Princeton Review 100 "best value" ranking for offering a high-quality education at a reasonable price (2009)
- Named among the top 20 by The Princeton Review in a variety of campus-life categories, including best athletics, best college newspaper, and best campus food (2009)
- First university to have its own airport (1930); also the first university to establish a department of computer science (1962)
- Community service experiences available in 175 courses; Engineering Projects in Community Service (EPICS) founded at Purdue, now a popular program nationally
- Incredible research opportunities for students to learn from, and work with, world-renowned faculty in Discovery Park's enviable interdisciplinary centers and laboratory facilities in nanotechnology, biosciences, information technology, alternative fuels, and the study of learning
- Study Abroad programs in 45 countries
- Number of recognized student organizations: 850
- Member of the Big Ten Conference, noted for both academic excellence and competitive athletic programs
- Nationally recognized career preparation track via Professional Practice (co-op and internship programs)
- Some 700 companies recruit on campus, valuing the work ethic of Purdue's new graduates and alumni who have earned a degree that is respected around the world
- Median salary for graduates three years after graduation of \$51,400; median salary 15 years after graduation of \$90,500 (data from *SmartMoney* ranking, classes of 2005 and 1993)
- Living alumni network of 410,000 world-wide

Discover the World at Purdue

- A world of choices: 200 majors
- Highly touted programs and graduates in the STEM disciplines (science, technology, engineering, math) and business, liberal arts, and agriculture; several interdisciplinary options
- Culturally diverse campus, with students from more than 125 countries and all 50 states
- Typically ranks No. 1 or No. 2 in international student enrollment among public institutions in the United States
- To date, 22 alumni chosen for space flight — headlined by Neil Armstrong and Gene Cernan, the first and last humans on the moon
- Two Purdue professors in three years received the World Food Prize, considered the Nobel Prize of Agriculture: Philip Nelson (2007) and Gebisa Ejeta (2009); Nelson developed aseptic storage and distribution of processed fruits and vegetables, and Ejeta's research increased sorghum production, which is one of the world's main cereal grains
- Early work by Purdue researchers led to the first successful transmission of a black-and-white television picture

- Purdue graduate Carol Morgan Pottenger, rear admiral in the U.S. Navy, is one of the first women selected for sea duty and the first woman to lead a combat strike group
- Boilermakers Len Dawson, Bob Griese, Hank Stram, and Rod Woodson are all enshrined in the Pro Football Hall of Fame
- Brian Lamb, who started public-affairs channel C-SPAN 30 years ago, is an alumnus
- Don Thompson, president of McDonald's Corp. USA, has a Purdue engineering degree
- More Forbes 800 corporate chief executive officers hold an undergraduate degree from Purdue than from any other public university
- Aviation pioneer Amelia Earhart was a career counselor to women students on campus; gift funds from the Purdue Research Foundation made possible the purchase of Earhart's "Flying Laboratory" used for her ill-fated around-the-world flight attempt
- Basketball coaching legend John Wooden, an Indiana native, led Purdue to the 1932 National Championship
- Orville Redenbacher "the Popcorn King," was a Purdue graduate
- Purdue has graduated more women engineers than any other university, and one in 50 engineers in the United States is Purdue-trained

Academic programs at Purdue are organized within colleges and schools. A brief description of each college and school follows, but we encourage you to visit the Purdue Web site — www.purdue.edu. Plan to spend some time discovering Purdue. You'll find, in the online details, information about the University's academic programs and courses. We appreciate your interest and welcome your questions. You're invited to campus for the "real" Boilermaker experience. You'll see a galaxy of opportunities before you — paths similar to many Boilermakers whose impact has taken them to great heights around the world ... and high above it!

College of Agriculture

Among the nation's highest ranked and most prestigious institutions, the college offers excellent teaching, research, extension, and international programs. More than 40 programs of study prepare life scientists, engineers, business representatives, producers, information specialists, and resource managers for professional careers in the world's food and natural resource systems. See www.ag.purdue.edu/oap.

College of Consumer and Family Sciences

The college, one of the largest and highest ranked of its kind in the nation, prepares men and women for careers related to the needs of families and consumers. Students can choose a Bachelor of Science degree program from 13 majors in the areas of family studies and child development, consumer sciences and consumer business, hospitality and tourism, nutrition, health and fitness, and education. The Department of Hospitality and Tourism Management also offers an associate degree program. See www.cfs.purdue.edu.

College of Education

The state-accredited and nationally ranked and accredited College of Education prepares outstanding teachers, instructional leaders, administrators, school counselors, counseling psychologists, curriculum specialists, teacher educators, and educational researchers for the essential roles they play in guiding the education of our youth. Through interdisciplinary instructional programs in teacher education, research in the educational process, and engagement with Indiana schools, College of Education graduates are well prepared for a rewarding career in education. The dedicated and experienced faculty members, some of whom are known internationally as experts in their fields, are respected leaders in a wide range of curriculum areas and are actively engaged in research. Together the students and faculty share a passion for learning, teaching, and changing the world. The college offers undergraduate and graduate degrees in a variety of disciplines. In addition to the teacher education programs offered by the College of Education, teacher preparation programs also are offered through other colleges and schools across campus. See www.education.purdue.edu.

College of Engineering

The College of Engineering is internationally known for the quality and scope of its programs. Students launch their careers with a common first-year program in the School of Engineering Education. Once they have completed that program, they choose from undergraduate curricula in aeronautics and astronautics, agricultural, biological, biomedical, chemical, civil, computer, construction engineering and management, electrical, industrial, interdisciplinary, materials, mechanical, or nuclear engineering. Every school within engineering offers graduate degree programs. See www.engineering.purdue.edu.

School of Health Sciences

The school offers a variety of human health-related study areas. Undergraduate programs include clinical laboratory science (medical technology), environmental health science, general health sciences, occupational health science (industrial hygiene), and radiological health science (health physics). The general health sciences major requires the selection of a concentration area in pre-medical, pre-dental, pre-occupational therapy, pre-physical therapy, pre-chiropractic, pre-optometry, pre-physician's assistant, or public health. Students completing these programs are prepared to enter the health-related job market or apply to the professional or graduate program of their choosing. At the graduate level, programs of study include health physics, medical physics, occupational and environmental health sciences, radiation biology, and toxicology. See www.healthsciences.purdue.edu.

College of Liberal Arts

The college offers essentially all of the traditional disciplines of the humanities, social and behavioral sciences, and creative arts. Majors and minors are available in the departments of anthropology, audiology and speech sciences, communication, English, foreign languages and literatures, health and kinesiology, history, philosophy, political science, psychological sciences, and sociology; and in the School of Visual and Performing Arts. Students can prepare themselves in more than 50 majors, including 16 undergraduate interdisciplinary programs. See www.cla.purdue.edu.

Krannert School of Management

Degree programs include accounting, management, industrial management, and economics. Accounting and management programs focus on finance, marketing, operations, human resources, and strategic planning. The industrial management program combines management and technical education with a manufacturing management, engineering, or science minor. The accounting program combines a management background with extensive education in accounting principles and practices. All programs include coursework in the arts, humanities, and international and cross-cultural aspects of modern business. See www.krannert.purdue.edu.

School of Nursing

The School of Nursing prepares students from diverse backgrounds for careers as professional nurses. The nationally accredited undergraduate program prepares a student for licensure as a registered nurse (R.N.). A diverse mix of liberal arts, science, and nursing courses gives students a scientific, multidisciplinary education. Small clinical classes give students practical experience in health assessment, maternal child care, mental health, acute care, and community health nursing. This program admits nursing majors at the freshman year and offers early, hands-on clinical courses. The R.N.-to-B.S. program allows registered nurses to complete their baccalaureate requirements. The Second Degree Baccalaureate Program allows students who hold a degree in another field to pursue a B.S. in Nursing. The master's degree program prepares pediatric nurse practitioners and adult nurse practitioners, and offers a post-master's oncology certification. A graduate nursing consortium with the Purdue Schools of Nursing at Calumet and Fort Wayne offers various specializations. The Doctor of Nursing Practice (D.N.P.) delivers a post-baccalaureate to practice doctorate curriculum. See www.nursing.purdue.edu.

School of Pharmacy and Pharmaceutical Sciences

The school offers an accredited professional program leading to the Doctor of Pharmacy degree. This program combines a basic and applied science background as well as clinical experience allowing students to function as licensed pharmacists to provide pharmaceutical care. The prepharmacy curriculum can be taken either through Purdue's prepharmacy program or at another institution. It typically takes a minimum of two to three years of academic study to meet the pre-pharmacy course requirements. The school also has a four-year, non-licensure-eligible B.S. in Pharmaceutical Sciences degree designed for entry-level pharmaceutical industry positions or as a foundation for advanced education. See www.pharmacy.purdue.edu.

College of Science

Actuarial science, biological sciences, chemistry, computer science, earth and atmospheric sciences, mathematics, physics, statistics, math and science secondary school teaching, and interdisciplinary science programs prepare students

for immediate careers or advanced study. Pre-medical, pre-dental, and pre-veterinary options; a Professional Practice (co-op) program; study abroad; and honors programs are available. Students may pursue official minors in other areas outside their major. Enrollment in sciences while deciding on a major in any field is encouraged. A highly qualified faculty, state-of-the-art facilities, and ongoing research keep teaching up to date. See www.science.purdue.edu.

College of Technology

The eight departments and 23 concentrations in the College of Technology prepare students to meet the technological needs of business, industry, and government. Technology students begin taking courses in their majors as early as their freshman year. Courses and other opportunities allow students to experience a variety of hands-on, real-world applications. The college awards associate's, bachelor's, and graduate degrees. See www.purdue.edu/technology.

School of Veterinary Medicine

This professional school has assumed a leading position nationally and internationally in educating the veterinary medical team. The school is fully accredited and is one of only 28 in the

United States that grant the Doctor of Veterinary Medicine (D.V.M.) degree. The Veterinary Technology Program is accredited by the American Veterinary Medical Association (AVMA) and awards Associate of Science and Bachelor of Science degrees. The Associate of Science degree is also offered via distance learning. The Veterinary Technology Program at Purdue is one of only three AVMA-accredited programs administered by a school of veterinary medicine. See www.vet.purdue.edu.

The Graduate School

The Graduate School oversees more than 70 programs of graduate study and research that lead to advanced degrees. Purdue graduate students engage in relevant coursework and cutting-edge research that lead to master's and doctoral degrees in agriculture, consumer and family sciences, education, engineering, health sciences, liberal arts, management, nursing, pharmacy, science, technology, veterinary medicine, and a variety of exciting interdisciplinary programs. The Graduate School also offers several graduate-level, academic credit certificate programs and combined (undergraduate/graduate) degree programs. For details about the Graduate School at Purdue, visit www.gradschool.purdue.edu.

Admissions

Admissions Inquiries and Procedures

The information that follows is a basic overview of the undergraduate admission process. For the most current information regarding admission procedures, deadlines, and criteria, visit www.admissions.purdue.edu or contact the Office of Admissions; Purdue University; Schleman Hall; 475 Stadium Mall Drive; West Lafayette, IN 47907-2050; admissions@purdue.edu; (765) 494-1776. Prospective students also are encouraged to visit the Web site to sign up for the Office of Admissions contact list to receive mail and e-mail from Purdue.

Application Deadlines

High school students are strongly encouraged to apply for admission very early in their

senior year, and some programs have specific deadlines. There also are specific deadlines for **transfer students**. Current application and scholarship deadlines are posted on the undergraduate admissions Web site.

Freshman Admissions Criteria

Applications are reviewed on an individual and holistic basis. First and foremost, applicants must be prepared academically for the rigors of college and the academic demands of the major to which they are seeking admission. In its review of each applicant, Purdue considers the following factors: high school coursework, grades, strength of curriculum, academic trends, class rank, core and overall grade point average, SAT or ACT test score, personal statement, personal background and experiences, and space availability in the intended major.

Preprofessional Requirements

If you expect to apply for admission to the professional program in the School of Veterinary Medicine, you must first complete a two- to three-year preprofessional (or preveterinary) curriculum. The preprofessional curriculum at Purdue is offered through either the College of Agriculture or College of Science. Your choice of school is dictated by your undergraduate career interest (e.g. biology, animal science, biochemistry, etc.).

If you are a student in one of the other schools or colleges of the University and have completed the required courses or their equivalents, you are eligible to apply for admission to the professional program in the School of Veterinary Medicine. Since enrollment in the professional school is limited, completion of the preprofessional course requirements does not ensure that you will be admitted to the School of Veterinary Medicine.

Transfer Admissions Criteria

College students who want to transfer must have completed minimums of 12 to 24 semester credit hours of college-level coursework prior to enrollment at Purdue. Minimum credit-hour requirements will vary based on each student's high school and/or college academic credentials. Criteria for transfer admission vary widely based on the major to which the student is applying. All programs have minimum GPA requirements, and some have college coursework prerequisites. The Office of Admissions Web site has the most current information about admission criteria and processes as well as about transferring credit.

Early Registration — STAR

Student Access, Transition and Success Programs (SATS) invites you to campus for one day of early registration during the summer before your first semester as a new student. Summer Transition, Advising, and Registration (STAR) is a day set aside for you to meet with your academic counselor and register for first-semester classes. The University will mail you a fee statement.

Student Orientation and Support Programs

Student Access, Transition and Success Programs (SATS) is responsible for the coordination of initiatives that help you prepare for, transition into, and succeed as a student in Purdue University's academically rigorous environment.

SATS, a division of the Office of Enrollment Management, offers several programs to help beginning and transfer students adjust to Purdue. Boiler Gold Rush is organized for new, beginning students and transfer students, and it includes a variety of activities designed to help you make a smooth transition into Purdue. Students who begin their studies at other times of the year also have the opportunity to participate in orientation. Invitations to those different programs are mailed to you at the appropriate times.

SATS programs include Summer Transition, Advising, and Registration (STAR); Common Reading; Learning Communities; Orientation Programs (such as Boiler Gold Rush and Welcome Programs); Parent and Family Programs; the Purdue Promise program; and the West Central Indiana Regional Twenty-first Century Scholars site. For more information on any of these programs, please visit www.purdue.edu/sats, e-mail sats@purdue.edu, or phone (765) 494-9328. The SATS address is Stewart Center, Room G77A; 128 Memorial Mall Drive; West Lafayette, IN 47907.

International Students

If you are an applicant from another country, your application and supporting documents will be evaluated by the staff in the Office of International Students and Scholars. You will be admitted on the basis of credentials certifying the completion of preparatory studies comparable to requirements for United States citizens applying at the same entry level. Guidelines for determining admissibility are specified in the "Admissions Criteria" sections of this publication. English translations must accompany transcripts and other credentials. You also must submit satisfactory evidence of your ability to comprehend English as shown by a TOEFL (Test of English as a Foreign Language) score of at least 550 (213 computer-based score, 79 Internet-based score).

The minimum score for First-Year Engineering applicants is 567 (233 computer-based score, 88 Internet-based score).

You must furnish sufficient evidence of adequate financial support for your studies at Purdue.

The Office of International Students and Scholars will assist you in entering the United States and the University. The office also will provide other services such as orientation programs, immigration advising, and personal and cross-cultural counseling. See the Web site at www.iss.purdue.edu.

Military Training

Reserve Officers' Training Corps (ROTC) is available for all men and women who are full-time students. You can pursue military courses in conjunction with the academic curriculum and receive academic credits. If you complete the program, you will receive a commission as an officer in the Army, Navy, Marine Corps, or Air Force. You do not incur a commitment until you are accepted into the program and enroll in the third-year course or accept an ROTC scholarship. Scholarships that assist with tuition, incidental fees, and textbooks are available through all four services. A monthly allowance is available for students who sign a contract. Additional information is available in the College of Liberal Arts catalog, or you can contact any of the military departments directly. All ROTC offices are located in the Armory.

Proof of Immunization

Indiana state law requires proof of immunization for the following vaccine-preventable diseases as condition of enrollment on residential campuses of state universities: measles, mumps, rubella, diphtheria, and tetanus. In addition, international students must provide documentation that they have been tested for tuberculosis after arriving in the United States. Information regarding compliance will be forwarded to all admitted students.

Purdue Across Indiana

The Purdue academic system extends across the state with academic programs at four system campuses and several College of Technology locations.

System Campuses

Admission to these system campuses is administered by the admissions department at each campus. These campuses include:

- Indiana University-Purdue University Indianapolis (IUPUI) — Indianapolis, Indiana
- Indiana University-Purdue University Fort Wayne (IPFW) — Fort Wayne, Indiana
- Purdue North Central — Westville, Indiana
- Purdue Calumet — Hammond, Indiana

College of Technology Statewide

Admission to College of Technology Statewide locations is administered by the Office of Admissions at Purdue's West Lafayette campus. College of Technology Statewide locations include:

- Anderson
- Columbus
- Greensburg
- Indianapolis
- Kokomo
- Lafayette
- New Albany
- Richmond
- South Bend
- Vincennes

For more information about The Purdue System-wide campuses and College of Technology Statewide locations, visit www.purdue.edu and click on "Purdue Across Indiana."

Nondiscrimination Policy Statement

Purdue University is committed to maintaining a community which recognizes and values the inherent worth and dignity of every person; fosters tolerance, sensitivity, understanding, and mutual respect among its members; and encourages each individual to strive to reach his or her own potential. In pursuit of its goal of academic excellence, the University seeks to develop and nurture diversity. The University believes that diversity among its many members strengthens the institution, stimulates creativity, promotes the exchange of ideas, and enriches campus life.

Purdue University views, evaluates, and treats all persons in any University related activity or circumstance in which they may be involved, solely as individuals on the basis of their own personal abilities, qualifications, and other relevant characteristics.

Purdue University prohibits discrimination against any member of the University community on the basis of race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation, disability, or status as a veteran. The University will conduct its programs, services and activities consistent with applicable federal, state and local laws, regulations and orders and in conformance with

the procedures and limitations as set forth in Executive Memorandum No. D-1 which provides specific contractual rights and remedies. Additionally, the University promotes the full realization of equal employment opportunity for women, minorities, persons with disabilities and veterans through its affirmative action program.

Any questions or concerns regarding the Nondiscrimination Policy Statement shall be referred to the Vice President for Ethics and Compliance for final determination.

Expenses

The cost of attending Purdue University varies, depending on a variety of factors, including where a student chooses to live; travel expenses; food costs; enrollment in a special program; date of entry; the college or school in which you are enrolled; etc. Basic minimum costs for the two-semester 2009–10 school year on the West Lafayette campus are shown in the following table. Some academic programs may have additional fees. Contact the department if you have questions.

Full-time students are charged a general service fee, a technology fee, and a repair and rehabilitation fee. The general service fee provides students with access to a variety of services and privileges such as access to the Recreational Sports Center and the Boilermaker Aquatic Center for recreational sports activities.

It also allows deep-discount ticket prices for most Convocations-sponsored events and for Intercollegiate Athletics contests with presentation of a student ID card.

With payment of full fees, students have access to the Purdue Student Health Center that covers medical clinical office visits, nutrition consultations, health education services, and a limited number of sessions for psychological counseling. Additional fees are charged for lab, x-ray, urgent care, physical therapy, and other services.

The technology fee is used to enhance student access to the campus networks, computer laboratories, and electronic access to information and databases. Technology fee funds are used to equip classrooms with computer and video projection equipment.

2009–10 Estimated Costs West Lafayette Campus (Fall and Spring Semesters)

Items	Indiana Resident	Nonresident
Tuition/Fees	\$8,638*†	\$25,118*†
Room/Board	8,710	8,710
Books/Supplies	1,220	1,220
Travel	310	480
Miscellaneous	1,760	1,760
Total	\$20,638	\$37,288

* First-time students enrolled at the West Lafayette campus beginning in the Summer 2009 Session and thereafter pay these fees. Undergraduate, graduate, and professional students who were enrolled as degree-seeking students prior to the Summer 2009 Session may be eligible for lower fees based upon continuous enrollment. Please see the University Bursar's Web site at www.purdue.edu/bursar for more information regarding rates.

† Your budget can vary, depending on your state of residence and the type of housing and academic program you select. Some programs have additional fees: Engineering, \$1,000; Management, \$1,274; Technology, \$500; Flight, individual courses in the program have additional fees that can be reviewed at www.purdue.edu/bursar or by contacting the Department of Aviation Technology. International students pay an additional \$60 per semester.

Rates and refund schedules are subject to change without published notice.

The Repair and Rehabilitation fee is assessed to address maintenance funding for buildings and infrastructure on campus, and funds received from the fee will be dedicated to building and infrastructural needs. The establishment of the fee is a result of growing unfunded needs to address critical building and infrastructural upkeep.

Miscellaneous personal expenses include such items as clothing, transportation, telephone, newspapers and magazines, dry cleaning and laundry, entertainment, etc.

Refunding of Fees and Tuition

Registered students who find it necessary to cancel their registration before the beginning of classes, upon the recommendation of the registrar, will receive a 100 percent refund of all fees and tuition.

Non-Title IV Aid

Students who withdraw during the first six weeks of a semester, with the recommendation of the registrar, will receive a partial refund of

the general service fee and tuition. More specifically, the percentage of refund is determined as follows:

Fall or Spring Semester

1. Withdrawal during the first or second week, 80 percent refund
2. Withdrawal during the third or fourth week, 60 percent refund
3. Withdrawal during the fifth or sixth week, 40 percent refund

No portion of the technology fees, repair and rehabilitation fees, or academic building facilities fee will be refunded once classes begin.

Title IV Aid

Once classes begin, refunds are prorated based on the date of withdrawal from class(es). Refunds are based on a diminishing scale through 60 percent of the semester. Refunds are calculated on all fees and tuition.

Summer Modules

Refunds for summer modules are proportionate on the same basis as semester refunds.

Financial Aid

To ensure that all students have an opportunity to obtain a college education regardless of their financial circumstances, Purdue University, through the Division of Financial Aid, administers a fourfold program of scholarships, grants, employment opportunities, and loans.

The Purdue University Division of Financial Aid administers federal, state, and University financial assistance programs. These programs require students to have a high school diploma or GED. Most types of aid also are based upon financial need and satisfactory academic progress. Students must submit a Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov to be considered for all types of financial aid. Students should apply early for Purdue financial aid. Eligible FAFSAs submitted by March 1 will receive preference in the awarding of aid.

Families are welcome to visit the campus to discuss the types of available aid and the application procedure. Walk-in counselors are avail-

able from 9:00 a.m. to 5:00 p.m. on Monday, Tuesday, Wednesday, and Friday, and from 1:00 to 5:00 p.m. on Thursday. Telephone counselors are available from 8:00 a.m. to 5:00 p.m. Monday through Friday at (765) 494-0998. Computer access to student aid status is available at mypurdue.purdue.edu.

Resident Assistants

University Residences has a plan whereby graduate and undergraduate students who are at least 21 years of age can be hired as a resident assistant (RA). An RA devotes approximately 20 hours each week to his or her duties in this capacity, with most of the time scheduled during evenings and weekends. Compensation for an RA position includes reduced tuition, room and board, and a small stipend. Applications and additional information for those interested in becoming a resident assistant can be found at www.housing.purdue.edu.

Living Accommodations

University housing facilities and programs are available to all students based on Purdue's policy of equal opportunity regardless of national origin, race, religion, color, or sexual orientation. It is the University's desire and expectation that all others providing housing or services to Purdue students will do so in a manner consistent with this policy. However, the University does not approve or disapprove specific housing accommodations since it believes that the choice of housing rests with you, the student.

As a Purdue student, you have a variety of choices when it comes to choosing your new home while attending school. You can live in one of 15 University Residences, a fraternity or sorority house, cooperative housing, or in a privately operated facility within the local community.

Apply for on-campus housing as soon as you have a confirmed interest in attending Purdue. You will need to pay a \$100 nonrefundable housing application processing fee (not a deposit).

Apply online at www.housing.purdue.edu, where you can fill out your housing application, choose your preferences, and sign your housing contract. The site also will prompt you to fill out an online preference form, which will be used to assign your residence and match you with a compatible roommate. If you want to live with a friend, both you and your friend must rank your residence preferences in the same order and request the other as a roommate.

May 1 is the housing application deadline. Because the University does not guarantee on-campus housing, it is important that students meet this deadline. Students who apply for housing after the May 1 deadline will be assigned to a residence if space is available. First-year students are not required to live on campus.

Students who apply and sign a housing contract by May 1 will be assigned a random number that will be used to establish priority for hall choice in the housing assignment process. Changes to, or cancellation of, your housing contract may be made until 11:59 p.m., April 30. (Please remember to re-sign the contract if you have made a change to your housing preferences.) Your housing contract becomes binding on May 1. As of that time, your contract can only be cancelled if you do not attend Purdue University during the contract period.

Students requiring special accommodations should contact the University Residences Director's Office at (765) 494-1000 to discuss their particular needs when their housing application is submitted.

The Office of the Dean of Students offers assistance to students seeking off-campus housing. After being admitted, students should contact the Office of the Dean of Students as early as possible to begin their search for off-campus housing: visit www.purdue.edu/odos, e-mail off-campushousing@purdue.edu, or call (765) 494-7663.

University Residences for Undergraduate Men and Women

University Residences provides accommodations for approximately 10,541 single undergraduate men and women.

The all-male residences include Cary Quadrangle, providing accommodations for 1,166 students, and Tarkington, providing space for about 706 students.

Seven University Residences — Earhart, Harrison, Hillenbrand, McCutcheon, Owen, Shreve, and Wiley — house approximately 800 students each, and Meredith Hall accommodates 620 students. These are coeducational units with male and female students assigned to separate areas of each building.

Duhme, Warren, Wood, and Vawter halls comprise the all-women's residences for the 2009–10 academic year and are referred to as Windsor Halls. Windsor Halls provide accommodations for 595 students.

First Street Towers opened to Purdue sophomores, juniors, and seniors for the Fall 2009 Semester. Each of the main residential floors of First Street Towers contains two clusters of 22 single rooms with private baths, for 356 residents.

All University Residences contain generous lounge space, recreation areas, kitchenettes, study spaces, and post office facilities.

As a student, you may choose from four meal plans consisting of 10, 12, 15, or 20 meal swipes a week, as suits your lifestyle. University Residences offers students who are 19 years of age or older by August 21, 2009, the Boiler Block Plan, consisting of a block of 246 meal swipes. With

this plan, you may use your meal swipes as often as you wish. All meal plans include Dining Dollars, which may be used to buy additional food items at University Residences' Dining Services retail operations, such as grills and mini-marts. You may eat at any University Residences' Dining Services facility by using your University ID card.

Computer labs are available in McCutcheon, Meredith, and Tarkington halls. In addition, two computers and a public printer are available in every residence that does not have a computer lab so residents are able to check e-mail and print documents as needed. Residents will have ResNet, a high-speed Internet service, in their room without paying an additional fee.

Room and board rates for the 2009–10 academic year vary from \$6,906 to \$14,204, depending on your chosen meal plan option, residence, and room size.

Approximately 550 spaces in Hawkins Hall are reserved for assignment to older undergraduate students. Meal plans are not available for residents of Hawkins Hall. Residents of Hawkins may purchase either the Open Dining Card or use BoilerExpress for dining in any University Residences dining facility. Accommodations in Hawkins Hall are on a room-only basis. The cost for a room in Hawkins Hall for the 2009–10 academic year ranges from \$375 to \$696 a month depending on the type of room selected.

More than 1,000 spaces for single undergraduate students are available in Hilltop Apartments. The apartments house two or three students and are available for both single male and female students. All normal policies and regulations of University Residences apply to the apartments. Students living in the apartments may choose a meal plan that allows access to any University Residences Dining Services facility, or they may choose a room-only option. The room and board rate for the 2009–10 academic year in Hilltop Apartments ranges from \$8,940 to \$10,866 a year depending upon the apartment and meal plan selected.

Rates quoted are subject to change as approved by the Board of Trustees and undoubtedly will be somewhat higher during the 2010–11 period of this publication.

Visit www.housing.purdue.edu for additional information.

Accommodations for Married Students/Families

Purdue Village provides students with families convenient housing within a one-mile walking distance of campus and is convenient to shopping and bus routes. The family apartments, operated by University Residences, are unfurnished and equipped with a stove and refrigerator. There are one-bedroom and two-bedroom apartments for families; the two-bedroom apartments include washers and dryers.

One-bedroom family apartment costs range from \$582 to \$597 a month. Two-bedroom units range from \$717 to \$732 a month. Your rent payment covers all utilities, including local telephone service and Boiler TV (cable). These rates are effective during the 2009–10 academic year and are subject to change as approved by the Board of Trustees.

Each apartment is equipped with a connection for the campus cable TV system as well as for the campus computing network. The apartments are not air-conditioned, but tenants may bring or purchase their own air-conditioning unit as long as it meets specified criteria, has compatible voltage ratings, and the apartment's maintenance staff does the installation.

With more than 60 countries represented among the residents, Purdue Village is a global community. Families have the benefit of plenty of yard space and playgrounds, and they can take advantage of Purdue Village Preschool and the English for Speakers of Other Languages (ESOL) Program.

Visit www.housing.purdue.edu for more information about Purdue Village.

Cooperatives

Cooperative houses also provide housing for students. These houses are large residences that are owned and operated by 20 to 50 students. Seven women's houses and five men's houses have been recognized officially by the Office of the Dean of Students, and each house has a live-out faculty or staff advisor.

Students in cooperative houses significantly decrease their housing costs by contributing three to four hours of house duties a week. Residents of cooperatives pay an average of \$3,000 per academic year for room and board. New members are selected by current members through a rush process each January.

To obtain information about becoming a cooperative member, contact the Office of the Dean of Students at (765) 494-1231 or at Schleman Hall, Room 250; 475 Stadium Mall Drive; West Lafayette, IN 47907-2050. Details are also available at www.purduecooperatives.org.

Students are expected to complete and return application information by February 1 or earlier for membership the following fall semester.

Fraternities and Sororities

Purdue has 46 fraternities and 24 sororities. Most members live in chapter houses, and membership is by invitation.

Sororities provide an opportunity in the fall for interested women students to join a chapter.

Yearly costs for sororities range from \$3,300 to \$4,380. The average number of women living in a sorority is 88.

In the fall, the Interfraternity Council provides recruitment information through which interested men can become acquainted with the fraternity system. Open recruitment is conducted throughout the academic year. The average number of men belonging to a fraternity is 72, and costs range from \$2,000 to \$3,500 a semester.

For additional information, contact the Office of the Dean of Students; Purdue University; Schleman Hall, Room 250; 475 Stadium Mall Drive; West Lafayette, IN 47907-2050; or call (765) 494-1232. Online information is available at www.purduegreeks.com.

Student Services

Counseling

Each college or school has a general counseling office and academic advisors who can answer questions about degree requirements, registration, dropping and adding courses, and withdrawal from school.

Mature and qualified faculty and staff, graduate students, and older undergraduate students are employed on the University Residences counseling staffs and live in the halls to assist students with personal and scholastic problems.

The Office of the Dean of Students is staffed by professionally trained counselors who provide personal, educational, and career counseling. They can, for example, offer assistance or refer you to specialized help in such areas as vocational choice, campus activities, scholastic concerns, multicultural programs, assistance for students with disabilities, home and community relationships, and coping strategies.

Other campus services for students include the Counseling and Guidance Center, Counseling and Psychological Services, Financial Advising Service, International Students and Scholars, Learning Center, Marriage and Family Therapy Center, Steer Audiology and Speech-Language Center, Student Health Center, and Writing Lab.

Services for Students with Disabilities

Services for students with disabilities (physical, mental, and learning disabilities) are provided through the Disability Resource Center of the Office of the Dean of Students. Services vary according to the needs of students. They include interpreters, readers, note-taking assistance, accessible class scheduling, parking permits, and help working with professors. For further information, contact the Office of the Dean of Students. The Web site is www.purdue.edu/odos.drc. The general office number is (765) 494-1747, and the TDD number for people with hearing or speech impairments is (765) 494-1247.

Center for Career Opportunities

The staff of the campus-wide Center for Career Opportunities assists students and alumni with their career-related employment search. Counseling, guidance, and a wide variety of job search services related to internships and full-time employment are available.

The center maintains contacts with many industrial and business organizations as well as with governmental and nonprofit agencies. Interviews with employer representatives can be

requested, and current openings for internships or full-time positions can be explored. For more information, refer to the center's home page at www.cco.purdue.edu.

For Further Information

University Regulations. The *University Regulations* publication will provide details about academic, conduct, and student organization policies and procedures. You can access the Web site at www.purdue.edu/univregs. Printed copies are available from Purdue Marketing and Media; South Campus Courts, Building D; 507 Harrison Street; West Lafayette, IN 47907-2025; (765) 494-2034.

Graduation Rates. Graduation rates for the West Lafayette campus are available by con-

tacting the Office of Enrollment Management, Analysis, and Reporting; Schleman Hall; 475 Stadium Mall Drive; West Lafayette, IN 47907-2050; (765) 494-0292; enrollmentmanagement@purdue.edu. These rates are calculated and made available as required by the Student Right-to-Know and Campus Security Act.

Safety. The University strives to provide a safe and secure environment for students, staff, and visitors. The University distributes an annual security report containing campus crime statistics and information relating to campus safety and security policies and programs. The report is available on the Web at www.purdue.edu/police. A paper copy may be requested by calling (765) 494-8221 or contacting the Purdue University Police Department; Terry House; 205 S. Intra-mural Drive; Purdue University; West Lafayette, IN 47907-1971.

Information Technology

The Office of the Vice President for Information Technology is in charge of the integrated computing and telecommunications services on the West Lafayette campus. The information technology (IT) program, formally known by the acronym ITaP, serves Purdue students, faculty, staff, and visitors to campus.

Computing services range from the very visible computing laboratories that are located throughout campus to the unseen but essential enterprise applications that facilitate the business of the University. Computing staff install, maintain, operate, and repair computer equipment. They provide such services as career accounts, e-mail, calendaring, directories, and database administration.

In addition to ITaP's laboratory facilities, its instructional services include:

1. The Blackboard and Banner course management system.
2. Technology in the Classroom (TIC) sites.
3. Help in preparing multimedia materials to enhance instruction.
4. Help in training students in particular software applications for classroom assignments.
5. Grants for innovative instructional projects including developing courses online using information technology.
6. The Digital Learning Collaboratory, a joint project with the Purdue University Libraries.

7. The Assistive Technology Center for those with special needs.

8. Web-based access to many software applications through Software Remote.

ITaP also provides high-performance research computing equipment and services for faculty through its Rosen Center for Advanced Computing. Multiple Linux clusters, an SGI Altix 4700, and a SiCortex 5832 serve intensive computational needs ranging from engineering and physics simulations and models to computational biology and chemistry. Support for researchers includes partnership on grant proposals; consulting and collaboration on solutions for projects needing advanced computations; management and storage of large data sets; and development of scientific applications, community tools, and science gateways. The HUBzero platform provides Web-based cyberinfrastructure for education and research and supports simulation and modeling in a variety of disciplines, including nanotechnology, pharmaceuticals, and healthcare.

Distributed computing and grid computing are basic elements in the research computing program. ITaP manages DiaGrid, which harnesses tens of thousands of idle processors on and off campus for research and education purposes. Through ITaP, Purdue also has access to resources nationwide on the TeraGrid, the

National Science Foundation's comprehensive cyberinfrastructure for open scientific research, education, and innovation. The optical fiber network known as I-Light links Purdue's West Lafayette campus to Indiana University and Indiana University-Purdue University Indianapolis (IUPUI) and joins computers at Purdue and Indiana into a virtual machine room with teraflop capabilities.

The Envision Center for Data Perceptualization provides scientific visualization and multimedia production services, including animation creation and rendering and virtual environment creation, along with computer-aided design, haptic (touch and feel) interaction capabilities, large-scale data handling, and motion capture. The center provides access to, and training for, many popular commercial applications in those areas and can work with faculty members on grant applications and project management needs. The center's collaboration facilities accommodate on-site and remote participation from multiple locations using technologies such as Polycom, Access Grid, and Web 2.0 technologies.

ITaP also makes video production and audio-visual duplication facilities available as well as satellite uplink and downlink capabilities and broadcast and network services.

ITaP implements and manages campus-wide networks for data and voice communication, improves the security of the data that crosses these networks, and promotes the preservation of personal information security and privacy for all people at Purdue. Telecommunications

services provided by ITaP range from basic phone services for campus offices and student residences to telephone operator services and wireless connectivity in the common areas of buildings throughout the campus. ITaP supports the infrastructure that links campus buildings by optical fiber and provides Internet access.

ITaP negotiates contracts and licenses for mass purchases of informational technology equipment and licenses for software used by University personnel. As an additional service, ITaP has negotiated significant discounts for faculty, staff, and students on personal purchases of hardware available through the Web and also for software media sold on campus. The hardware discounts also are available to Purdue alumni. Demonstration computer hardware is displayed at ITaP Shopping Offline in Stewart Center, Room G65. Software is sold at the BoilerCopy-Maker in the Purdue Memorial Union, Room 157. Information also is available from www.itap.purdue.edu/shopping.

ITaP offers courses and one-on-one consulting on computing and telecommunications, from selecting phone systems to basic use of Microsoft office applications, programming, visualization, instructional media, e-learning, and research techniques.

For additional information, please consult www.itap.purdue.edu, call (765) 494-4000, or visit the ITaP Customer Service Center in Stewart Center, Room G65; 128 Memorial Mall; West Lafayette, IN 47907-2034.

Libraries

The University Libraries system on the West Lafayette Campus includes 11 subject-oriented libraries, the Hicks Undergraduate Library, and the Karnes Archives and Special Collections Research Center. The Libraries Web site at www.lib.purdue.edu is the Libraries gateway to information services. Libraries faculty and staff provide assistance in person and through www.lib.purdue.edu/askalib; this includes help in gaining access to national and international information. Information about individual libraries can be found under "Libraries and Units" at www.lib.purdue.edu/libraries.

The Libraries offer 2.8 million printed volumes and electronic books, 40,000 electronic

and print journals, more than 500 electronic databases, 3.1 million microforms, and access to federal government publications and patents that are received on a depository basis. Local library resources are supplemented by the 4 million items of research materials held by the Center for Research Libraries in Chicago, which includes 7,000 rarely held serial titles. Through Purdue's membership in the center, faculty and graduate students are assured of fast access to this material through the Interlibrary Loan Office in the Humanities, Social Science, and Education (HSSE) Library in Stewart Center.

The library collections and services of the Big Ten libraries, the University of Chicago,

Ball State University, and Indiana State University also are available to Purdue students and faculty under cooperative agreements. Individuals who wish to use these facilities are encouraged to contact Circulation Services via e-mail to circservices@purdue.edu or by phone, (765) 494-0369.

The John W. Hicks Undergraduate Library may serve many of a student's library needs, particularly during the first two years at Purdue. Here students will find assistance in locating information needed for papers and speeches along with an extensive collection of reserve books for course assignments. A 24-hour study

lounge and the Undergrounds Coffee Shop are located in the Hicks Undergraduate Library.

The Digital Learning Collaboratory (DLC) is located in Hicks Undergraduate Library. It is a joint initiative of the Purdue Libraries and Information Technology at Purdue. The DLC supports student learning through access to state-of-the-art hardware and software for creating multimedia projects in individual, group work, and instructional settings. It facilitates the integration of information and technology literacy into the undergraduate curriculum.

Additional Libraries facts and figures can be found within Purdue's Data Digest available at www.purdue.edu/DataDigest.

Study Abroad

The Office of Programs for Study Abroad is dedicated to internationalizing Purdue by helping as many students as possible have overseas experiences that enrich lives, enhance academic experiences, and increase career potential. The office helps students overcome academic, financial, or personal concerns that might prevent them from going abroad, and is especially devoted to removing obstacles for first-time travelers.

Purdue offers more than 200 study abroad and internship programs in dozens of countries, lasting from a week to a year, for all majors. Most programs do not require foreign language skills. Program costs vary, but many are comparable to the cost of studying at Purdue (with the exception of the travel expense). Participants

earn Purdue grades and credits, so those who study abroad can graduate in the normal length of time. Most of the financial aid that covers Purdue expenses can also be applied to study abroad, and more financial aid specifically for study abroad has been available in recent years.

Students who have taken part in study abroad often describe their experiences as "life changing," "eye opening," and "the best choice I ever made."

Students should begin their international exploration either online at www.studyabroad.purdue.edu, by calling (765) 494-2383, or by contacting The Office of Programs for Study Abroad; Young Hall, Room 105; 302 Wood Street; West Lafayette, IN 47907-2108.

Abbreviations

The following abbreviations of subject fields are used in the "Plans of Study" section of this catalog. Alphabetization is according to abbreviation.

AGEC—Agricultural Economics

AGRY—Agronomy

ANSC—Animal Sciences

BCHM—Biochemistry

BIOL—Biological Sciences

BMS—Basic Medical Sciences

CHM—Chemistry

COM—Communication

CPB—Comparative Pathobiology

CSR—Consumer Sciences and Retailing

ECON—Economics

ENGL—English

MA—Mathematics

MGMT—Management

PHYS—Physics

STAT—Statistics

VCS—Veterinary Clinical Sciences

VM—Veterinary Medicine

Preprofessional Curriculum

Preprofessional studies must include the subjects listed in the following table.

Preprofessional Studies

Subjects	Semesters*
Inorganic chemistry with laboratory	2 semesters
Organic chemistry with laboratory	2 semesters
Biochemistry†	1 semester
Biology with laboratory (diversity, developmental, cell structure)	2 semesters
Genetics with laboratory	1 semester
Microbiology (general or medical) with laboratory	1 semester
Nutrition (animal)	1 semester
Physics with laboratory	2 semesters
Calculus	1 semester
Statistics	1 semester
English composition	1 semester
Communication (interpersonal, persuasion, or speech)	1 semester
Careers in Veterinary Medicine (if available)	1 semester
Humanities (foreign languages, cognitive sciences, and social sciences)	3 semesters

Purdue University courses or combinations of courses that will meet these requirements are listed below. (Semester credits are shown in parentheses.):

Chemistry (inorganic) — CHM 11100 (3), 11200 (3), and 11600 (4); or CHM 11500 (4) and 11600 (4).

Chemistry (organic) — CHM 25500 (3), 25501 (1), 25600 (3), and 25601 (1); or CHM 25700 (4) and 25701 (1).

Biochemistry — BCHM 30700 (3); or BCHM 56100 (3) and 56200 (3); or CHM 33300 (3).

Biology — BIOL 11000 (4), 11100 (4), 23100 (3), and 23200 (2); or BIOL 12100 (2), 13100 (2), 13500 (2), 23100 (2), and 23200 (2).

Genetics — BIOL 24000 (3) and 24200 (2); or AGRY 32000 (3) and 32100 (1).

Microbiology — BIOL 22100 (4); or BIOL 43800 (3) and 43900 (2).

Nutrition — ANSC 22100 (3).

Physics — PHYS 22000 (4) and 22100 (4).

Calculus — MA 22300 (3); or MA 23100 (3); or MA 16100 (5); or MA 16500 (4).

Statistics — STAT 30100 (3); or 50300 (3).

English — ENGL 10100 (3) and 10200 (3); or ENGL 10300 (3); or ENGL 10600 (4); or ENGL 10800 (3).

Communication — COM 11400 (3); or COM 21200 (3); or COM 21700 (3); or COM 22400 (3).

Careers in Veterinary Medicine — VM 10200 (1).

Humanities electives — Humanities electives include the areas of languages, cognitive sciences, and social sciences.

Other recommended courses — accounting (MGMT 20000); animal sciences, including other animal nutrition courses (ANSC 32400); biochemistry laboratory (BCHM 30900); business/technical writing (ENGL 42000, ENGL 42100); chemistry (CHM 22400); economics (AGEC 21700, ECON 21000, 25100, 25200); immunobiology (BIOL 53700); leadership (CSR 30900); personal finance (CSR 34200).

Curriculum requirements are subject to change without published notice.

*Core subjects may vary as to the number of semesters required depending on the overall design and content of the core courses on a particular campus (e.g., 1 semester vs. 2 semesters). Please consult with your undergraduate advisor and refer to the course descriptions on the Web site.

†This course should be a complete upper-division course; half of a 2-semester sequence will not satisfy this requirement.

Note: Purdue pre-veterinary students should follow their undergraduate programs of study regardless of minimums indicated.

School of Veterinary Medicine

History

The history of the School of Veterinary Medicine reaches back into the nineteenth century. In 1877 the Department of Veterinary Science was established within the Agricultural Experiment Station to pursue new knowledge and understanding of animal diseases and of diseases transmissible from animals to man. Veterinary services were provided for the livestock owned by Purdue University, and diagnostic services were made available to practicing veterinarians and the general public.

In 1945 the Indiana General Assembly officially created the Animal Disease Diagnostic Laboratory on the West Lafayette campus. A branch laboratory located at the Southern Indiana-Purdue Agricultural Center in Dubois County initiated diagnostic services in 1970.

An act passed by the Indiana General Assembly in 1957 provided an appropriation to Purdue University for constructing a School of Veterinary Medicine. Later that year, the Board of Trustees of the University authorized the establishment of a School of Veterinary Science and Medicine as an autonomous division of the University. The School of Veterinary Science and Medicine graduated its first class in 1963. In 1974 the trustees authorized the name to be changed to the School of Veterinary Medicine.

Accreditation

The Purdue University School of Veterinary Medicine is fully accredited by the American Veterinary Medical Association's Council on Education and holds membership in the Association of American Veterinary Medical Colleges.

Academic Structure

Each prospective student is required to complete a prescribed preprofessional curriculum of two to three collegiate years before admission to the School of Veterinary Medicine is possible. Professional students receive instruction in the departments of Basic Medical Sciences, Comparative Pathobiology, and Veterinary Clinical Sciences. Students satisfactorily completing the four-year professional curriculum receive

the degree of Doctor of Veterinary Medicine (D.V.M.).

In 1975 the Indiana General Assembly appropriated money to create the Veterinary Technology Program. This program grants an Associate in Applied Science degree after two years of study in the required curriculum. An additional two years of instruction will lead to a Bachelor of Science degree in this area.

Each basic science department in the school offers graduate instruction leading to Master of Science (M.S.) or Doctor of Philosophy (Ph.D.) degrees to persons possessing the D.V.M. degree and to others with comprehensive training in biological sciences. The Department of Veterinary Clinical Sciences offers graduate instruction leading to Master of Science (M.S.) degrees in medicine and surgery to people possessing the D.V.M. degree.

Extensive research programs are conducted in each department. For information about graduate training, see the Graduate School Web site, www.gradschool.purdue.edu.

Veterinary Medical Administration

The Department of Veterinary Medical Administration is a nonacademic department representing administratively all areas not reasonably assignable to an academic department. It provides a departmental framework for handling the business and accounting activities of the school, provides a centralized service for admissions and student affairs for both degree programs, coordinates continuing education and extension activities, and serves as the administrative home for a variety of service activities.

Media Instructional and Information Technology

Media Instructional and Information Technology (MIIT) is an amalgamation of Medical Illustration, Communications, and the Veterinary Computer Network that supports the teaching, research, and continuing education efforts of the School of Veterinary Medicine and the Indiana University School of Medicine-Lafayette. This support is provided by production services in medical illustration, medical photography,

multimedia, television, computer graphics, Web design, and computer repair. Production capabilities and functions are coordinated with centralized University services such as the Division of Instructional Services, Information Technology at Purdue (ITaP), and Printing Services whenever possible. The unit also serves Purdue's Veterinary Extension Service and Continuing Education programs by production of audiovisual materials for workshops, fairs, and area meetings.

Biomedical Information Resources Center

The Biomedical Information Resources Center is a 10,000-square-foot facility comprised of the veterinary medical library and a student computing laboratory of more than 30 networked computer workstations.

Further student computer access is available in four small group teaching laboratories. These rooms are equipped with 24 multimedia workstations.

Veterinary Medicine as a Career

Veterinary medicine is the science and the art that deals with the recognition, treatment, control, and prevention of disease among animals. It enhances the well-being and production of food and performance animals and the facilitation of the bond between animals and humans. The veterinary medical profession bears the major responsibility for the health of the nation's livestock and the companion animal population. The role of the veterinarian in public health is very important because human health depends in many respects upon the health of animals in the environment.

Career Opportunities

Private Practice

About two-thirds of the veterinarians in the United States are engaged in private practice. This constitutes a wide field with excellent opportunities. Veterinary practice may be (1) general, in which the practitioner offers services in dealing with all species of animals; (2) farm animal, in which the economically important food-producing domestic animals are considered; (3) companion animal, in which domestic animals occupying a companion position with their owners are treated; or (4) special, in which only specific conditions or individual species are handled. Increasingly, veterinarians with advanced specialty training and board certification are offering their services in referral hospitals in metropolitan areas.

Public and Corporate Practice

Federal Government

Department of Agriculture (USDA). The USDA employs more veterinarians than any other public or private agency. Careers are available in the Agricultural Research Service (ARS), the Animal and Plant Health Inspection Service (APHIS), and the Food Safety and Quality Service (FS & QS). Opportunities include research in infectious and noninfectious diseases and problems caused by uni-cellular and multi-cellular forms on animal life (ARS); licensing and control of biologic products privately produced for use in animals, communicable disease control programs, and control of interstate and international movement of livestock (APHIS); and public health protection through food quality control services (FS & QS). Opportunities for service are available worldwide.

Department of Health and Human Services.

Three agencies of the U.S. Public Health Service utilize the expertise of veterinarians at home and abroad. The Centers for Disease Control and Prevention, the Food and Drug Administration, and the National Institutes of Health have a wide variety of research programs in which veterinarians are active participants. In addition, the Bureau of Veterinary Medicine in the FDA reviews license applications for drugs to be used in animals and evaluates surveillance and compliance programs relating to veterinary drugs and devices.

Other Federal Career Opportunities. Veterinary talent and expertise are employed by the Department of Commerce in the National

Marine Fisheries Service; the Department of Interior in the Fish and Wildlife Service; the Veterans Administration, in research programs; the Environmental Protection Agency, in research and toxicological surveillance activities; and the Department of Defense, in research programs of its branches, including activities in support of the National Aeronautics and Space Administration.

Medical Research and Laboratory Animal Care

A number of veterinarians are employed by medical schools and other institutions to conduct cooperative research benefiting animals and man. Opportunities in this area have been increasing rapidly in recent years.

Municipal Government

Most cities and some towns employ veterinarians either full- or part-time as members of their health departments. Such individuals usually are connected with the sanitary control of meat, meat products, milk, and milk products, as well as with the promulgation and enforcement of local disease-control ordinances involving rabies and other diseases transmissible to man.

Private Industry

Private enterprise needs a variety of veterinary specialists. Biological and pharmaceutical companies employ veterinary pathologists, immunologists, microbiologists, pharmacologists, parasitologists, clinicians, surgeons, and laboratory animal specialists, among others. Feed manufacturers, the meat industry, horse farms, and poultry producers are other examples of corporate employers of veterinarians in the private sector. A variety of industrial and service organizations, such as smelters, railroads, and power companies, are frequent employers of veterinarians as consultants on problems of animals, poultry, and aquatic life related to corporate activity.

State Employment

Each state has a chief livestock sanitary officer, usually identified as the state veterinarian, who enforces the laws, rules, and regulations formulated to suppress disease of animals within the state and controls the movement of animals within the state. In most states, a corps of veterinarians is employed in this regulatory work.

Other

Veterinarians have many opportunities. A veterinarian is especially qualified to participate in the solution of problems related to ecology, food-resource management, wildlife preservation, zoo animal care, homeland security, bioterrorism, and space and marine biology. Those individuals interested in local or international service in such areas should consider the opportunities available in the veterinary medical profession.

Academic Positions

There are 28 accredited schools or colleges of veterinary medicine in the United States, each with 25 to 100 veterinarians on its staff. Post-graduate education, teaching, and research opportunities are numerous at these institutions, and interested and qualified students should seriously consider those opportunities. Almost every agricultural school in the United States has a veterinary science department in which varying numbers of veterinarians are utilized in research, teaching, adult education, and other forms of scholarly activity.

Admission to the Professional School

Action of the Board of Trustees places enrollment limits for each entering class in the School of Veterinary Medicine. Class size is limited.

All prerequisite courses required by the faculty, including those in progress at the time of application, must be completed satisfactorily by the end of the spring semester before matriculation in the fall.

Students who have completed the preprofessional curriculum at Purdue or elsewhere cannot be assured of admission to the School of Veterinary Medicine. Since enrollment is limited, first preference will be given to Indiana residents. There is a generous, but limited, admission of nonresident students.

Selection of students, made by an eight-member admissions committee, is based on demonstrated academic performance, aptitude, maturity, and motivation. A personal interview is required for all applicants who are in the final pool from which the class will be selected. Animal, research, and veterinary experience are all considered. Using the evaluative criteria cited, the admissions committee selects those individuals judged to possess the best overall quali-

fications and who give evidence of potential for continued productivity and growth.

Beginning students applying for admission to the next fall semester must file applications on or before the deadline date specified in the application materials.

The general policy of the University regarding residency requirements for the baccalaureate degree applies to those students enrolled in the veterinary medical curriculum.

For additional information about admissions applications and procedures, please visit the Veterinary Medicine Web site at www.vet.purdue.edu/admissions.

Veterinary Student Expenses

Students registered in the School of Veterinary Medicine pay higher fees than do other students. Basic minimum costs for the two-semester 2009–10 school year are shown in the following table.

Full-time students are charged a general service fee, a technology fee, and a repair and rehabilitation fee. The general service fee provides students with access to a variety of services and privileges such as access to the Recreational Sports Center and the Boilermaker Aquatic Center for recreational sports activities. It also allows deep-discount ticket prices for most Convocations-sponsored events and for Intercollegiate Athletics contests with presentation of a student ID card.

With payment of full fees, students have access to the Purdue Student Health Center that covers medical clinical office visits, nutrition consultations, health education services, and a limited number of sessions for psychological

counseling. Additional fees are charged for lab, x-ray, urgent care, physical therapy, and other services.

The technology fee is used to enhance student access to the campus networks, computer laboratories, and electronic access to information and databases. Technology fee funds are used to equip classrooms with computer and video projection equipment.

A repair and rehabilitation fee will be assessed to address maintenance funding for buildings and infrastructure on campus.

Miscellaneous personal expenses include such items as clothing, transportation, telephone, newspapers and magazines, dry cleaning and laundry, entertainment, etc.

All students selected for the first-year class in the School of Veterinary Medicine must make an advance deposit by April 15 in order to be placed on the August roster of students. The advance deposit will be applied to the first-semester fees. Students who fail to submit the required deposit within the prescribed time will forfeit their right to a place on the new student roster. The advance deposit is nonrefundable.

Students must purchase their own special clothing and equipment as required by the faculty.

During the fourth year, fees are paid in three equal payments due in June, August, and January.

Occasional field trips are scheduled in the veterinary curriculum. Transportation is provided by the University for required trips, but food and lodging must be provided by the student. In the case of optional trips, the student usually is expected to provide transportation, lodging, and food.

2009–10 Estimated Professional Costs, (two-semester school year)

Items	Resident	Nonresident
University fees	\$17,018*	\$17,018*
Tuition		23,268
Books and supplies	1,160	1,160
Board and room	8,710	8,710
Miscellaneous and travel	4,390	4,720
Total	\$31,278	\$54,876

* Your budget can vary depending on your state of residence and the type of housing. Please see the University Bursar's Web site at www.purdue.edu/bursar for more information regarding rates. Rates and refund schedules are subject to change without published notice.

Plan of Study and Professional Curriculum

Throughout the “Plan of Study” section, figures enclosed in parentheses signify the number of credit hours, e.g., (3) signifies three credit hours.

Professional Curriculum

Only if you are registered in the School of Veterinary Medicine are you eligible to register for professional courses. Students from other academic areas can enroll in the 50000- and 60000-level

graduate courses with the consent of the department head.

Registration in the School of Veterinary Medicine in each successive semester is contingent upon satisfactory completion of all courses in the preceding semester.

During the third and fourth years of the program, students make track selections in one of seven main areas of study to match their career goals.

First Professional Year

First Semester

- (3.5) **BMS 80100** (Comparative Anatomy I)
 - (3) **BMS 80700** (Principles of Cell and Tissue Design I)
 - (3) **BMS 81100** (Systemic Mammalian Physiology I)
 - (2) **BMS 81500** (Veterinary Neuroscience)
 - (1.5) **VCS 80100** (Behavior, Husbandry, and Diagnostic Techniques I)
 - (1) **VCS 80400** (Behavior in Domestic Animals)
 - (3) **VM 82000** (Applications and Integrations I)
 - (0) **VM 82500** (Grand Rounds)
 - (1) **VM 89200** (Principles of Professionalism, Jurisprudence, and Ethics)
- (18)

First-Semester Electives

- (2) **CPB 56400** (Ecologic Health and Wildlife Diseases)

Second Professional Year

Third Semester

- (3) **BMS 81400** (Basic and Applied Pharmacology I)
 - (3) **CPB 85100** (General Pathology)
 - (3) **CPB 85201** (Veterinary Parasitology I)
 - (2) **CPB 85500** (Veterinary Hematology and Cytology)
 - (2) **CPB 85600** (Veterinary Bacteriology and Mycology)
 - (2) **CPB 85601** (Veterinary Bacteriology and Mycology Laboratory)
 - (0) **VM 82500** (Grand Rounds)
 - (3) **VM 84000** (Applications and Integrations III)
- (18)

Third-Semester Electives

- (2) **CPB 56400** (Ecologic Health and Wildlife Diseases) (even number years only)
- (0.5) **VCS 89200** (Forensic Veterinary Medicine) (odd number years only)
- (1) **VCS 89300** (Shelter Animal Medicine)

Second Semester

- (3) **BMS 80200** (Comparative Anatomy II)
 - (3) **BMS 80800** (Principles of Cell and Tissue Design II)
 - (4) **BMS 81200** (Systemic Mammalian Physiology II)
 - (1.5) **BMS 81300** (Principles of Pharmacology)
 - (2) **CPB 85300** (Principles of Veterinary Immunology)
 - (1.5) **VCS 80200** (Behavior, Husbandry, and Diagnostic Techniques II)
 - (0) **VM 82500** (Grand Rounds)
 - (3) **VM 83000** (Applications and Integrations II)
- (18)

Second-Semester Electives

- (2) **BMS 52800** (Avian Physiology)
- (1-2) **BMS 80900** (International Vet Medicine)
 - (1) **BMS 81900** (Endocrine and Neural Basis of Seasonal Activities of Birds and Mammals in the Wild)

Fourth Semester

- (2) **BMS 81800** (Basic and Applied Pharmacology II and Principles of Toxicology)
 - (5) **CPB 85202** (Veterinary Parasitology II)
 - (1) **CPB 85400** (Principles of Epidemiology)
 - (5) **CPB 85700** (Veterinary Systemic Pathobiology)
 - (3) **CPB 86000** (Veterinary Virology)
 - (2) **CPB 86100** (Veterinary Clinical Chemistry)
 - (1) **VCS 80300** (Behavior, Husbandry, and Diagnostic Techniques III)
 - (0) **VM 82500** (Grand Rounds)
 - (2) **VM 85000** (Applications and Integrations IV)
- (18)

Fourth-Semester Electives

- (2) **BMS 52800** (Avian Physiology)
- (1-2) **BMS 80900** (International Veterinary Medicine)
 - (1) **BMS 81900** (Endocrine and Neural Basis of Seasonal Activities of Birds and Mammals in the Wild)

Third Professional Year

Fifth Semester

- (3.5) **VCS 80600** (Small Animal Medicine and Surgery I)
- (2.5) **VCS 80800** (Equine Medicine and Surgery)
 - (2) **VCS 80900** (Ruminant Medicine and Surgery)
 - (1) **VCS 81000** (Swine Production Medicine)
 - (1) **VCS 81100** (General Surgery Laboratory)
 - (2) **VCS 81200** (Principles of Anesthesia, Surgery, and Emergency Medicine)
 - (1) **VCS 81300** (Diagnostic Imaging)
 - (1) **VCS 81400** (Comparative Theriogenology)
- (0.5) **VCS 81500** (Ophthalmology)
 - (0) **VM 82500** (Grand Rounds)
 - (2) **VM 89500** (Clinical Applications)
- (1.5) Electives
- (18)

Fifth-Semester Electives

- (1) **BMS 50400** (Topographical Anatomy of the Horse)
- (1) **BMS 80300** (Topographical Anatomy of the Dog and Cat)
- (2) **CPB 56400** (Ecological Health and Wildlife Diseases) (even number years only)
- (1) **CPB 81800** (Applied Large Animal Toxicology)
- (1) **CPB 86200** (Clinical Epidemiology for Companion Animals)
- (1) **CPB 86300** (Epidemiology for Livestock Production)
- (2) **VCS 80615** (Clinical Nutrition)
- (1) **VCS 82900** (Equine Imaging)
- (1) **VCS 84500** (Small Animal Medicine Laboratory)
- (0.5) **VCS 89200** (Forensic Veterinary Medicine) (odd number years only)
- (1) **VCS 89300** (Shelter Animal Medicine)

Sixth-Semester Electives

- (2) **BMS 52800** (Avian Physiology)
- (1) **BMS 80500** (Topographical Anatomy of Production Animals)
- (1) **BMS 80600** (Clinical Anatomy of Exotic Pets)
- (1) **CPB 81600** (Applied Small Animal Toxicology)
- (1) **CPB 84000** (Use and Care of Laboratory Animals)
- (1) **CPB 87000** (Diagnostic Veterinary Cytology)
- (1) **VCS 80500** (Small Animal Behavioral Therapy)
- (0.5) **VCS 81800** (Small Animal Surgery Laboratory I)
- (0.5) **VCS 81801** (Small Animal Surgery Laboratory I Alternate)
- (0.5) **VCS 82000** (Small Animal Surgery Laboratory II)

Sixth Semester

- (2) **CPB 86900** (Veterinary Public Health and Zoonoses)
- (2) **VCS 80700** (Small Animal Medicine and Surgery II)
- (1.5) **VCS 81700** (Achieving Success in Private Practice)
- (0) **VM 82500** (Grand Rounds)
- (12.5) Electives
- (18)

Sixth-Semester Electives (continued)

- (0.5) **VCS 82001** (Small Animal Surgery Laboratory II Alternate)
- (0.5) **VCS 82200** (Large Animal Surgery I)
- (0.5) **VCS 82300** (Large Animal Surgery II)
- (0.5) **VCS 82400** (Small Animal Theriogenology)
 - (1) **VCS 82500** (Ruminant Theriogenology)
- (0.5) **VCS 82600** (Equine Theriogenology)
 - (2) **VCS 82700** (Small Animal Imaging)
 - (2) **VCS 83100** (Advanced Equine Theriogenology Laboratory)
- (0.5) **VCS 83200** (Equine Lameness)
 - (1) **VCS 83300** (Advanced Equine Medicine)
- (0.5) **VCS 83400** (Food Animal Surgery)
 - (1) **VCS 83500** (Environments for Large Animal Species)
- (1) **VCS 83600** (Clinical Nutrition for Large Animal Species I)
- (1) **VCS 83700** (Clinical Nutrition for Ruminants and Swine)
 - (1) **VCS 83800** (Swine Production Medicine)
 - (1) **VCS 83900** (Cattle Production Medicine)
 - (1) **VCS 84000** (Small Ruminant/Llama Medicine)
- (0.5) **VCS 84100** (Large Animal Ophthalmology)
- (0.5) **VCS 84200** (Small Animal Ophthalmology)
- (0.5) **VCS 84300** (Successful Practice Skills)
- (0.5) **VCS 84400** (Client Communications)
 - (2) **VCS 84600** (Advanced Small Animal Medicine)
 - (2) **VCS 84700** (Advanced Small Animal Specialties)
- (1.5) **VCS 84800** (Advanced Small Animal Surgery)
- (0.5) **VCS 85000** (Small Animal Dentistry)
 - (2) **VCS 85100** (Medicine and Surgery of Non-traditional Pets)
- (0.5) **VCS 85200** (Advanced Small Animal Dentistry)

(continued)

Fourth Professional Year

The fourth professional year consists of a 17-block rotation continuing in the student's clinical track choice. A total of 150 credits are required for graduation from the professional program. Curriculum requirements are subject to change without published notice.

All students will be registered for VCS 86000 Emergency Medicine/ICU. Over the course of the entire fourth year, students will be assigned and evaluated on skills in emergency medicine and ICU duties.

One of the 17 blocks will be a vacation block. Students may choose to take this block as a break in their studies or substitute another elective block to enhance their studies.

Plans of study for the seven clinical tracks include the following:

Mixed Animal Track

Required Courses (10 blocks):

CPB 88501 (Necropsy)*
CPB 88502 (Microbiology)*
CPB 88503 (Clinical Pathology)*
VCS 86100 (Small Animal Medicine I)
VCS 86201 (Small Animal General Surgery I)
VCS 86202 (Small Animal Surgery–Orthopedic/Neurosurgery I)
VCS 86502 (Large Animal Medicine I–Mixed)
VCS 86600 (Large Animal Surgery I)
VCS 87201 (Clinical Veterinary Anesthesiology)
VCS 89100 (Diagnostic Imaging)
VM 51000 (Veterinary Externship)
VM 81000 (Externship) 6 weeks

Choose One:

VCS 87100 (Small Animal Medicine II)
VCS 87502 (Large Animal Medicine II–Mixed)
VCS 87600 (Large Animal Surgery II)

Choose One:

VCS 86300 (Small Animal Community Practice) 3 weeks
VCS 86700 (Equine Community Practice I)
VCS 87105 (Pet Practice) 6 weeks
VCS 87900 (Bovine Theriogenology and Production Medicine I)

Electives: (Choose four electives unless Pet Practice was chosen above; in that case, choose three electives.)

CPB 88400 (Laboratory Animal Medicine Clerkship)
CPB 88600 (Diagnostic Pathology Clerkship)
CPB 88700 (Avian Medicine Clerkship)

CPB 88800 (Clinical Microbiology Clerkship)
CPB 88900 (Clinical Pathology II Clerkship)
VCS 81900 (Small Animal Dentistry)
VCS 82100 (Neurology)
VCS 86300 (Small Animal Community Practice)
VCS 86700 (Equine Community Practice I)
VCS 86800 (Equine Community Practice II)
VCS 87000 (Clinical Cardiology)
VCS 87100 (Small Animal Medicine II)
VCS 87102 (Oncology I)
VCS 87104 (Clinical Investigation in Oncology II)
VCS 87105 (Pet Practice) 6 weeks
VCS 87202 (Small Animal General Surgery II)
VCS 87203 (Small Animal Orthopedic and Neurosurgery II)
VCS 87502 (Large Animal Medicine II–Mixed)
VCS 87600 (Large Animal Surgery II)
VCS 87700 (Large Animal Lameness)
VCS 87800 (Swine Production Medicine I)
VCS 87900 (Bovine Theriogenology and Production Medicine I)
VCS 87903 (Bovine Theriogenology and Production Medicine II)
VCS 88000 (Ruminant Production Medicine I)
VCS 88001 (Ruminant Production Medicine II)
VCS 88100 (Small Animal Medicine III)
VCS 88500 (Large Animal Medicine III–Equine)
VCS 88600 (Large Animal Surgery III)
VCS 88601 (Large Animal Surgery III–Food Animal)
VCS 88800 (Swine Production Medicine II)
VCS 89101 (Veterinary Diagnostic Ultrasound)
VCS 89400 (Comparative Ophthalmology I)
VM 87800 (Swine Herd Health and Diagnostic Pathology)
VM 89000 (Adjunct Independent Study)
VM 89100 (Off-Campus Block)

Companion Animal Track

Required Courses (10 blocks):

CPB 88501 (Necropsy)*
CPB 88502 (Microbiology)*
CPB 88503 (Clinical Pathology)*
VCS 86100 (Small Animal Medicine I)
VCS 86201 (Small Animal General Surgery I)
VCS 86202 (Small Animal Surgery–Orthopedic/Neurosurgery I)
VCS 86500 (Large Animal Medicine I–Equine)
VCS 86600 (Large Animal Surgery I)
VCS 87201 (Clinical Veterinary Anesthesiology)
VCS 89100 (Diagnostic Imaging)
VM 81000 (Externship) 6 weeks

Choose One:

VCS 87100 (Small Animal Medicine II)
VCS 87500 (Large Animal Medicine I–Equine)
VCS 87600 (Large Animal Surgery II)

*CPB 88501, 88502, and 88503 are taken concurrently in a single block.

Choose One:

- VCS 86300 (Small Animal Community Practice)
3 weeks
VCS 86700 (Equine Community Practice I)
VCS 87105 (Pet Practice) 6 weeks

Electives: (Choose four electives unless Pet Practice was chosen above; in that case, choose three electives.)

- CPB 88600 (Diagnostic Pathology)
CPB 88700 (Avian Medicine Clerkship)
CPB 88800 (Clinical Microbiology Clerkship)
CPB 88900 (Clinical Pathology II Clerkship)
VCS 81900 (Small Animal Dentistry)
VCS 82100 (Neurology)
VCS 86300 (Small Animal Community Practice)
VCS 86700 (Equine Community Practice I)
VCS 86800 (Equine Community Practice II)
VCS 87000 (Clinical Cardiology)
VCS 87100 (Small Animal Medicine II)
VCS 87102 (Oncology I)
VCS 87104 (Clinical Investigation in Oncology II)
VCS 87105 (Pet Practice) 6 weeks
VCS 87202 (Small Animal General Surgery II)
VCS 87203 (Small Animal Surgery–Orthopedic/
Neurosurgery II)
VCS 87600 (Large Animal Surgery II)
VCS 87700 (Large Animal Lameness)
VCS 88300 (Clinical Investigation in
Theriogenology)
VCS 88400 (Laboratory Animal Medicine)
VCS 88500 (Large Animal Medicine III–Equine)
VCS 89400 (Comparative Ophthalmology I)
VM 89000 (Adjunct Independent Study)
VM 89100 (Off-Campus Block)

Small Animal Track**Required Courses (10 blocks):**

- CPB 88501 (Necropsy)*
CPB 88502 (Microbiology)*
CPB 88503 (Clinical Pathology)*
VCS 86100 (Small Animal Medicine I)
VCS 86202 (Small Animal Surgery–Orthopedic/
Neurosurgery I)
VCS 87100 (Small Animal Medicine II)
VCS 88100 (Small Animal Medicine III)
VCS 86201 (Small Animal General Surgery I)
VCS 87201 (Clinical Veterinary Anesthesiology)
VCS 89100 (Diagnostic Imaging)
VM 81000 (Externship) 6 weeks

Choose One:

- VCS 86300 (Small Animal Community Practice)
3 weeks
VCS 87105 (Pet Practice) 6 weeks

Choose One:

- VCS 82100 (Neurology)
VCS 87000 (Clinical Cardiology)
VCS 87102 (Oncology I)
VCS 89400 (Comparative Ophthalmology I)

Electives: (Choose three electives unless Small Animal Community Practice was chosen above. Choose two electives if Pet Practice was chosen.)

- CPB 88400 (Laboratory Animal Medicine Clerkship)
CPB 88600 (Diagnostic Pathology Clerkship)
CPB 88700 (Avian Medicine Clerkship)
CPB 88800 (Microbiology II Clerkship)
CPB 88900 (Clinical Pathology II Clerkship)
VCS 81900 (Small Animal Dentistry)
VCS 82100 (Neurology)
VCS 86300 (Small Animal Community Practice)
VCS 87000 (Clinical Cardiology)
VCS 87102 (Oncology I)
VCS 87104 (Clinical Investigation in Oncology II)
VCS 87105 (Pet Practice) 6 weeks
VCS 87202 (Small Animal General Surgery II)
VCS 87203 (Small Animal Surgery–Orthopedic/
Neurosurgery II)
VCS 88300 (Clinical Investigation in
Theriogenology)
VCS 89101 (Veterinary Diagnostic Ultrasound)
VCS 89400 (Comparative Ophthalmology I)
VM 89000 (Adjunct Independent Study)
VM 89100 (Off-Campus Block)

Food Animal Track**Required Courses (9 blocks):**

- CPB 88501 (Necropsy)*
CPB 88502 (Microbiology)*
CPB 88503 (Clinical Pathology)*
CPB 88600 (Diagnostic Pathology Clerkship)
VCS 86501 (Large Animal Medicine I–Food Animal)
VCS 86600 (Large Animal Surgery I)
VCS 87501 (Large Animal Medicine II–Food Animal)
VCS 87600 (Large Animal Surgery II)
VCS 87201 (Veterinary Clinical Anesthesiology)
VM 81000 (Externship) 6 weeks

Choose Three:

- VCS 87800 (Swine Production Medicine I)
VCS 87900 (Bovine Theriogenology and Production
Medicine I)
VCS 87903 (Bovine Theriogenology and Production
Medicine II)
VCS 88000 (Ruminant Production Medicine I)
VCS 88001 (Ruminant Production Medicine II)
VCS 88800 (Swine Production Medicine II)

Electives: (Choose four electives)

- CPB 88700 (Avian Medicine Clerkship)
CPB 88800 (Clinical Microbiology Clerkship)
CPB 88900 (Clinical Pathology II Clerkship)
VCS 86700 (Equine Community Practice I)
VCS 86800 (Equine Community Practice II)
VCS 87800 (Swine Production Medicine I)
VCS 87900 (Bovine Theriogenology and Production
Medicine I)
VCS 87903 (Bovine Theriogenology and Production
Medicine II)

(continued)

*CPB 88501, 88502, and 88503 are taken concurrently in a single block.

Food Animal Track Electives (continued):

- VCS 88000 (Ruminant Production Medicine I)
 VCS 88001 (Ruminant Production Medicine II)
 VCS 88300 (Clinical Investigation in
 Theriogenology)
 VCS 88800 (Swine Production Medicine II)
 VCS 89100 (Diagnostic Imaging)
 VM 87800 (Swine Herd Health and Diagnostic
 Pathology)
 VM 89000 (Adjunct Independent Study)
 VM 89100 (Off-Campus Block)

Large Animal Track**Required Courses (11 blocks):**

- CPB 88501 (Necropsy)*
 CPB 88502 (Microbiology)*
 CPB 88503 (Clinical Pathology)*
 CPB 88600 (Diagnostic Pathology Clerkship)
 VCS 86502 (Large Animal Medicine I–Mixed)
 VCS 86600 (Large Animal Surgery I)
 VCS 86700 (Equine Community Practice I)
 VCS 87201 (Veterinary Anesthesia)
 VCS 87502 (Large Animal Medicine II–Mixed)
 VCS 87600 (Large Animal Surgery II)
 VCS 89100 (Diagnostic Imaging)
 VM 81000 (Externship) 6 weeks

Choose Two:

- VCS 87800 (Swine Production Medicine I)
 VCS 87900 (Bovine Theriogenology and Production
 Medicine I)
 VCS 88000 (Ruminant Production Medicine I)

Electives: (Choose four electives.)

- CPB 88600 (Diagnostic Pathology Clerkship)
 CPB 88700 (Avian Medicine Clerkship)
 CPB 88800 (Clinical Microbiology Clerkship)
 CPB 88900 (Clinical Pathology II Clerkship)
 VCS 86800 (Equine Community Practice II)
 VCS 87700 (Large Animal Lameness)
 VCS 87800 (Swine Production Medicine I)
 VCS 87900 (Bovine Theriogenology and Production
 Medicine I)
 VCS 87903 (Bovine Theriogenology and Production
 Medicine II)
 VCS 88000 (Ruminant Production Medicine I)
 VCS 88300 (Clinical Investigation in Theriogenology)
 VCS 88500 (Large Animal Medicine III–Equine)
 VCS 88600 (Large Animal Surgery III)
 VCS 88601 (Large Animal Surgery III–Food Animal)
 VCS 88800 (Swine Production Medicine II)
 VCS 89100 (Diagnostic Imaging)
 VCS 89400 (Comparative Ophthalmology I)
 VM 87800 (Swine Herd Health/Diagnostic
 Pathology)
 VM 89000 (Adjunct Independent Study)
 VM 89100 (Off-Campus Block)

Equine Track**Required Courses (12 blocks):**

- CPB 88501 (Necropsy)*
 CPB 88502 (Microbiology)*
 CPB 88503 (Clinical Pathology)*
 VCS 86500 (Large Animal Medicine I–Equine)
 VCS 86600 (Large Animal Surgery I)
 VCS 86700 (Equine Community Practice I)
 VCS 87201 (Veterinary Anesthesia)
 VCS 87500 (Large Animal Medicine II–Equine)
 VCS 87600 (Large Animal Surgery II)
 VCS 88500 (Large Animal Medicine III–Equine)
 VCS 88600 (Large Animal Surgery III)
 VCS 89100 (Diagnostic Imaging)
 VM 81000 (Externship) 6 weeks

Electives: (Choose four electives.)

- CPB 88600 (Diagnostic Pathology Clerkship)
 CPB 88800 (Clinical Microbiology Clerkship)
 CPB 88900 (Clinical Pathology II Clerkship)
 VCS 86800 (Equine Community Practice II)
 VCS 87700 (Large Animal Lameness)
 VCS 88300 (Clinical Investigation in
 Theriogenology)
 VCS 89101 (Veterinary Diagnostic Ultrasound)
 VCS 89400 (Comparative Ophthalmology I)
 VM 89000 (Adjunct Independent Study)
 VM 89100 (Off-Campus Block)

Non-practice Track**Required Courses (8 blocks):**

- CPB 88501 (Necropsy)*
 CPB 88502 (Microbiology)*
 CPB 88503 (Clinical Pathology)*
 VCS 86100 (Small Animal Medicine I)
 VCS 86201 (Small Animal General Surgery I)
 VCS 86502 (Large Animal Medicine I–Mixed)
 VCS 86600 (Large Animal Surgery I)
 VCS 87201 (Veterinary Anesthesia)
 VM 81000 (Externship) 6 weeks

Choose One:

- VCS 87100 (Small Animal Medicine II)
 VCS 87502 (Large Animal Medicine I–Mixed)

Choose One:

- VCS 86300 (Small Animal Community Practice)
 3 weeks
 VCS 86700 (Equine Community Practice I)
 VCS 87105 (Pet Practice) 6 weeks
 VCS 87900 (Bovine Theriogenology and Production
 Medicine I)

*CPB 88501, 88502, and 88503 are taken concurrently in a single block.

Electives: (Choose six electives unless Pet Practice was chosen above; in that case, choose five electives.)

- CPB 88400** (Laboratory Animal Medicine Clerkship)
- CPB 88600** (Diagnostic Pathology Clerkship)
- CPB 88700** (Avian Medicine Clerkship)
- CPB 88800** (Clinical Microbiology Clerkship)
- CPB 88900** (Clinical Pathology II Clerkship)
- VCS 82100** (Neurology)
- VCS 86202** (Small Animal Orthopedic/Neurosurgery I)
- VCS 86300** (Small Animal Community Practice)
- VCS 86700** (Equine Community Practice I)
- VCS 87000** (Clinical Cardiology)
- VCS 87100** (Small Animal Medicine II)
- VCS 87102** (Oncology I)
- VCS 87104** (Clinical Investigation in Oncology II)
- VCS 87105** (Pet Practice) 6 weeks
- VCS 87202** (Small Animal General Surgery II)
- VCS 87203** (Small Animal Orthopedic/Neurosurgery II)
- VCS 87502** (Large Animal Medicine II-Mixed)
- VCS 87600** (Large Animal Surgery II)
- VCS 87700** (Large Animal Lameness)
- VCS 87800** (Swine Production Medicine I)
- VCS 87900** (Bovine Theriogenology and Production Medicine I)
- VCS 88000** (Ruminant Production Medicine I)
- VCS 88100** (Small Animal Medicine III)
- VCS 88300** (Clinical Investigation in Theriogenology)
- VCS 88600** (Large Animal Surgery III)
- VCS 89100** (Diagnostic Imaging)
- VCS 89101** (Veterinary Diagnostic Ultrasound)
- VCS 89400** (Comparative Ophthalmology I)
- VM 89000** (Adjunct Independent Study)
- VM 89100** (Off-Campus Block)

3 + 1 Programs

It is possible to earn both Bachelor of Science and Doctor of Veterinary Medicine degrees in seven years. This combined program includes three years of preprofessional courses in either the College of Agriculture or the College of Science and four years in the D.V.M. program.

Students can earn a baccalaureate degree in interdisciplinary agriculture or animal science by completing a minimum of 100 preprofessional credits, including the required preprofessional courses, and additional courses as specified by the appropriate undergraduate degree curriculum. The Bachelor of Science degree will be awarded by the College of Agriculture upon

successful completion of the initial year of the Doctor of Veterinary Medicine degree program.

A similar arrangement is possible if you wish to pursue a B.S. in Biological Sciences degree while completing preprofessional course requirements. Core course requirements of the Department of Biological Sciences can be completed in three years while satisfying preprofessional requirements to establish eligibility to apply for admission to the professional degree curriculum. The B.S. degree in Science will be awarded after you have successfully completed the first year of veterinary medical study.

If you are interested in pursuing one of the 3 + 1 programs, you are advised to consult with your academic advisor as early in your program as possible.

Professional Program Graduation Requirements

Students enrolled in the professional degree program in the School of Veterinary Medicine will become candidates for the degree of Doctor of Veterinary Medicine (D.V.M.) with approval of the faculty when they have successfully completed (1) the preveterinary curriculum and (2) the professional curriculum.

Legal Requirements for Practice in the United States

Before you can practice veterinary medicine in the United States, you must obtain a license from the state or states in which you intend to practice. The license generally is issued by the Department of Education or the Department of Agriculture on the basis of an examination established by a veterinary licensing and registration board. Some states issue licenses by reciprocity when the applicant has been licensed in other states.

In order to participate in the State-Federal Cooperative Animal Disease Control and Eradication programs, a veterinarian also must be accredited by the U.S. Department of Agriculture.

Veterinary Technology as a Career

As part of the veterinary team, registered veterinary technicians (A.S. degree) perform a wide range of veterinary nursing, imaging, anesthesia, dental hygiene, and diagnostic laboratory procedures in the practice setting.

Veterinary technologists (B.S. degree veterinary technicians) 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, and animal housing directors. Placement services are available for graduates.

Careers in the credentialed veterinary technician field require maintaining continuing education according to state regulations. Information about continuing education programs are available to graduates through the School of Veterinary Medicine's Office of Continuing Education.

The A.S. and B.S. plans of study in veterinary technology are not intended to meet the requirements for application to veterinary school to become a veterinarian. A preveterinary program should be pursued until the student chooses his or her career in veterinary medicine.

Admissions Inquiries and Procedures

The information that follows is a basic overview of the undergraduate admission process. For the most current information regarding admission procedures, deadlines, and criteria, visit www.admissions.purdue.edu or contact the Office of Admissions; Purdue University; Schleman Hall; 475 Stadium Mall Drive; West Lafayette, IN 47907-2050; admissions@purdue.edu; (765) 494-1776. Prospective students also are encouraged to visit the Web site to sign up for the Office of Admissions contact list to receive mail and e-mail from Purdue.

Application Deadlines

High school students are strongly encouraged to apply for admission very early in their senior year, and some programs have specific deadlines. There also are specific deadlines for **transfer students**. Current application and scholarship deadlines are posted on the undergraduate admissions Web site.

Freshman Admissions Criteria

Applications are reviewed on an individual and holistic basis. First and foremost, applicants must be prepared academically for the rigors of college and the academic demands of the major to which they are seeking admission. In its review of each applicant, Purdue considers the following factors: high school coursework, grades, strength of curriculum, academic trends, class rank, core and overall grade point average, SAT or ACT test score, personal statement, personal background and experiences, and space availability in the intended major.

Transfer Admissions Criteria

College students who want to transfer to begin their studies toward a veterinary technology degree must have completed minimums of 12 to 24 semester credit hours of college-level coursework prior to enrollment at Purdue. Minimum credit-hour requirements will vary based on each student's high school and/or college academic credentials. Criteria for transfer admission vary widely based on the major to which the student is applying. All programs have minimum GPA requirements, and some have college coursework prerequisites. The Office of Admissions Web site has the most current information about admission criteria and processes as well as about transferring credit.

Veterinary Technology Curricula

This unique program uses one four-year curriculum with Associate of Science and Bachelor of Science options. Students wanting only the associate's degree, or who have previously completed the general education college courses found in the first year of the bachelor's degree, can begin the intensive 1½-year clinical portion of the curriculum associated with the traditional associate's degree in June. Associate's degree students starting in June will complete their degree in 1½ years. Bachelor's degree students with significant previous college credits who are qualified to start in June would continue one year beyond the stopping point for the associate's degree students in order to complete the bachelor's degree.

Although any student can compete for a June start in the 1½-year associate's degree program, high school students or those without any college experience are strongly advised to apply for the first year of the B.S. degree program so they can obtain the general education credits 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 B.S. degree program but wishes to stop after completing the associate's degree would complete the curriculum in 2½ years (1-year B.S. general education and 1½-year associate's degree curriculum).

For significant curricula changes beginning in 2010–11, see the veterinary technology Web site, www.vet.purdue.edu/vettech.

Four-Year Baccalaureate Degree Curriculum

Credit Hours Required for Graduation: 128

Freshman Year

First Semester

- (3) **ANSC 10200** (Introduction to Animal Agriculture)
- (4) **BIOL 11000** (Fundamentals of Biology I)
- (3) **CHM 11100** (General Chemistry)
- (4) **ENGL 10600** (First-Year Composition)*
- (3) **MA 15300** (Algebra and Trigonometry I)

(17)

Second Semester

- (4) **BIOL 11100** (Fundamentals of Biology II)
- (3) **CHM 11200** (General Chemistry)
- (3) **COM 11400** (Fundamentals of Speech Communication)
- (3) **MA 15400** (Algebra and Trigonometry II)
- (3) Humanities elective

(16)

Sophomore Year

Summer

- (3) **BMS 12000** (Anatomy for Veterinary Technicians)
- (2) **BMS 14000** (Physiology for Veterinary Technicians)
- (1) **VM 10000** (Introduction to Veterinary Technology)

(6)

Third Semester

- (2) **VCS 16000** (Nursing of Small Animals)
- (2) **VCS 16200** (Imaging for Veterinary Technicians)
- (3) **VCS 16300** (Principles of Anesthesia and Surgical Nursing)
- (4) **VM 14500** (Basic Clinic Rotation)
- (4) **VPB 16400** (Clinical Pathology for Veterinary Technicians)

(15)

Fourth Semester

- (2) **BMS 24100** (Pharmacology for Veterinary Technicians)
- (2) **VCS 16500** (Nursing of Large Animals)
- (2) **VCS 24500** (Small Animal Health Management)
- (6) **VM 20000** (Clinic Rotation)
- (2) **VM 20400** (Laboratory Animal Health Management)
- (2) **VPB 23300** (Parasitology for Veterinary Technicians)
- (2) **VPB 23400** (Microbiology for Veterinary Technicians)

(18)

* English courses should total at least nine credits with first-year English composition, one upper-level English course (ENGL 42000 or equivalent), and one English writing or literature course.

Junior Year

Summer (two summers = fifth semester)

- (7) **VM 25000** (Clinic Rotation)
- (2) **VM 25500** (Veterinary Technology Externship)

(9)

Sixth Semester

- (2) **VCS 26100** (Large Animal Health Management)
- (3) **VM 27700** (Management Topics for Veterinary Technicians)
- (7) **VM 29000** (Clinic Rotation)
- (2) **VPB 26300** (Public and Occupational Health for Veterinary Technicians)
- (2) English/Literature Elective*

(16)

Summer

- (4) **VM 39000** (Practicum in Focus Area)

Senior Year

Seventh Semester

- (1) **BMS 46400** (Clinical Pharmacology and Toxicology for Veterinary Technologists)
- (3) **COM 32000** (Small Group Communications) or equivalent
- (2) **VCS 46700** (Diagnostic Instrumentation)
- (1) **VM 30100** (Seminar for Veterinary Technologists I)
- (3) **VM 36600** (Concepts of Veterinary Hospital Management)† or Humanities elective

(6) Core electives†

(16)

Eighth Semester

- (3) **ENGL 42000** (Business Writing)* or equivalent
- (3) **VM 36500** (Laboratory Animal Science)† or Humanities elective
- (1) **VM 41400** (Seminar for Veterinary Technologists II)
- (1) **VM 46300** (Special Project)
- (2) **VPB 48000** (Seminar in Animal Welfare and Human-Animal Interaction)
- (5) Core electives/Electives†

(15)

2+2 Veterinary Technologist Plan of Study

This plan is designed to enable veterinary technicians with associate's degrees to become veterinary technologists. With that background, students can earn a Bachelor of Science degree in Veterinary Technology from the Purdue University School of Veterinary Medicine in one to two years. The plan of study is based on applicable transferred credits.

The program builds on previous college credits and the associate's degree earned from American Veterinary Medical Association-accredited associate's degree technician programs. It offers veterinary technologist-level courses (post-technician) in the veterinary school, guided core electives from other schools on the Purdue cam-

pus, and centers on a 12-week practicum in the student's area of career interest. Students build an individual plan of study with an academic advisor, choosing from various school offerings throughout Purdue University's campus. These areas of career interest include:

- Clinical Animal Behavior
- Clinical Leadership
- Clinical Teaching/Education
- Exotics/Zoo Hospital Management
- Herd Health/Production
- Human Animal Bond
- Human Society Management
- Marketing and Communications
- Regulatory/Government Management
- Research/Lab Animal Management

* English courses should total at least nine credits with first-year English composition, one upper-level English course (ENGL 42000 or equivalent), and one English writing or literature course.

† Either VM 36500 or 36600 is required.

General Requirements for Associate of Science Degree

A minimum of 62 credit hours of veterinary technology courses must be taken in residence at the West Lafayette campus.

<i>Academic Category</i>	<i>Credit Hours</i>
Veterinary technology courses	62
English composition	3 or 4
Animal science	3
Elective	2
Total	70 or 71

General Requirements for Baccalaureate Degree

A minimum of 32 senior-level credit hours is required in residence at the West Lafayette campus; however, a few Purdue University courses offered at campuses in the Purdue system may be included.

<i>Academic Category</i>	<i>Credit Hours</i>
Associate's degree/Veterinary technology courses	64
Animal science	3
Chemistry	6
Mathematics	6
Communication	6
English	9
Core electives selected to meet career goals	17*
Humanities/Social science electives	2
Veterinary technology (SVM) at junior/senior level	15
Total	128

Graduate Veterinary Technicians

Graduation from the American Veterinary Medical Association-accredited veterinary technology program to the baccalaureate degree program is based on school criteria, space availability, and a minimum 2.50 college grade point average.

Course-by-course evaluation of transcripts of other programs will be required to determine transfer credit to be applied. Application may be made at any time by requesting a Purdue undergraduate application from the Office of Admissions at www.purdue.edu or by e-mail at admissions@purdue.edu or telephone (765) 494-1776.

Special tours or visits are available at the Veterinary Open House held each April. See your counselor or the School of Veterinary Medicine Web site at www.vet.purdue.edu for exact dates.

Since this catalog will be used for two to three years, please consult the Web site at www.vet.purdue.edu/vettech or telephone (765) 494-7619 for additional program information.

Graduation Requirements

Students enrolled in the Veterinary Technology Program in the School of Veterinary Medicine will become candidates for either the Associate of Science degree (A.S.) or the Bachelor of Science degree (B.S.) with approval of the faculty when they have successfully completed the prescribed curriculum.

Legal Requirements for Practice in the United States

This program is fully accredited by the American Veterinary Medical Association. Indiana and most other states require certification of graduate technicians from accredited associate's degree programs via passing the Veterinary Technician National Examination. This certification qualifies the graduate to legally perform medical and surgical nursing, nurse-anesthetist, imaging, laboratory testing, and dental hygiene on a veterinary team as a "Registered Veterinary Technician." No additional legal requirements presently exist for veterinary technologists (B.S. degree); however, specialty certifications exist in areas such as critical care, anesthesia, and hospital management. Others are being developed.

* *BIOL 11000 and 11100 may fulfill six of these credits for students who enroll in the entire four-year curriculum.*

Graduate Study

The School of Veterinary Medicine offers graduate study leading to the degree of Master of Science with majors in the departments of Basic Medical Sciences, Veterinary Pathobiology, and Veterinary Clinical Sciences. The departments of Basic Medical Sciences and Veterinary Pathobiology also offer the Doctor of Philosophy degree. At Purdue, research opportunities exist in many phases of veterinary medicine.

Research and teaching assistantships and fellowships are available for a limited number of graduate students in allied fields. Graduate students who are candidates for degrees from this school must be graduates of an approved veterinary college or have had equivalent training in basic medical sciences and must qualify to carry advanced courses. Graduates in other fields may be accepted with the approval of

the appropriate department head if they have had sufficient training in biological sciences. Prospective graduate students can obtain more detailed information on the Graduate School Web site, www.gradschool.purdue.edu.

Clinical training programs are available in the Department of Veterinary Clinical Sciences. Those interested in more details about these programs should write directly to the head of the department.

Students in the professional degree program can simultaneously work toward a graduate degree. They can apply for admission to graduate school at any time and must be approved by a department head and accepted by the Graduate School. When dually enrolled, they can take graduate-level courses while completing the requirements for the D.V.M. degree.

Information about Courses

Official Purdue University course information is available on the Web at www.courses.purdue.edu. Click on the “Search by term” link at the top of the page.

The Official Purdue University Course Repository is maintained by the Office of the Registrar and is updated instantaneously. It contains a multitude of information, including course descriptions and requisites for retired, current, and future courses offered at the West Lafayette campus as well as at Purdue Calumet,

Purdue North Central, Indiana University-Purdue University Fort Wayne, Indiana University-Purdue University Indianapolis, and the College of Technology locations around the state.

The course information available online is organized by term, subject area, and course number, which enables you to tailor your search. You also may want to consult your academic advisor if you have questions about the courses required for your plan of study.

School of Veterinary Medicine Administration, Faculty, and Teaching Staff

Veterinary Medical Administration

Willie M. Reed, *D.V.M., Ph.D.*, Dean of the School of Veterinary Medicine

John F. Van Vleet, *D.V.M., Ph.D.*, Associate Dean, Academic Affairs

Harm HogenEsch, *D.V.M., Ph.D.*, Associate Dean, Research and Graduate Programs

Sandra F. Amass, *D.V.M., Ph.D.*, Associate Dean, Engagement

S. Kathleen Salisbury, *D.V.M.*, Assistant Dean, Academic Affairs

John J. Turek, *Ph.D.*, Assistant Dean, Research

Robert L. Bill, *D.V.M., Ph.D.*, Director, Veterinary Technology Program

Coleen Davis, *Ph.D.*, Director, Diversity Initiatives

Heads of Instructional Departments

Peter D. Constable, *D.V.M., Ph.D.*, Head of the Department of Veterinary Clinical Sciences

Laurie A. Jaeger, *D.V.M., Ph.D.*, Head of the Department of Basic Medical Sciences

Suresh K. Mittal, *B.V.Sc., Ph.D.*, Interim Head of the Department of Comparative Pathobiology

Department of Basic Medical Sciences

L. A. Jaeger, Head of the Department

Professors: O. M. Andrisani, *Ph.D.*; E. K. Asem, *D.V.M., Ph.D.*; R. B. Borgens, *Ph.D.*;
G. L. Coppoc, *D.V.M., Ph.D.*; R. L. Hullinger, *D.V.M., Ph.D.*; J. F. Leary, *Ph.D.*; A. Y. M. Nour,
D.V.M.; J. P. Robinson, *Ph.D.*; W. A. Tacker Jr., *M.D., Ph.D.*; J. J. Turek, *Ph.D.*

Professors Emeriti: G. D. Bottoms, *Ph.D.*; J. M. Carter, *D.V.M., Ph.D.*; G. D. Goetsch, *D.V.M.,
Ph.D.*; E. J. Hinsman, *D.V.M., Ph.D.*; H. D. Jackson, *Ph.D.*; O. F. Roesel, *D.V.M., Ph.D.*;
J. E. Stump, *D.V.M., Ph.D.*; D. C. Van Sickle, *D.V.M., Ph.D.*

Associate Professors: R. L. Bill, *D.V.M., Ph.D.*; K. M. Hannon, *Ph.D.*; C. B. Jaeger, *Ph.D.*;
C. H. Lamar, *D.V.M., Ph.D.*; S. A. Lelièvre, *D.V.M., Ph.D.*; R. Shi, *M.D., Ph.D.*; S. L.
Voytik-Harbin, *Ph.D.*; J. J. Walker, *Ph.D.*

Assistant Professors: S. Mendrysa, *Ph.D.*; R. A. Packer, *D.V.M.*; N. Prasad, *D.V.M., Ph.D.*

Adjunct Professors: A. Holub, *Dr.Sc.*; J. B. Kaneene, *D.V.M., Ph.D.*; O. Popescu, *D.V.M., Ph.D.*;
L. H. Wagner, *M.D.*

Adjunct Associate Professors: L. E. Kazarian, *Ph.D.*; M. S. Kinch, *Ph.D.*; Harikrishna Nakshatri,
B.V.S.C., Ph.D.; R. D. Welch Jr., *D.V.M., Ph.D.*

Associate Research Scholar: C. F. Babbs, *M.D., Ph.D.*

Research Scientist: A. L. Pond, *Ph.D.*

Department of Comparative Pathobiology

S. K. Mittal, Interim Head of the Department

Named Professor: A. M. Beck, *Sc.D.*, *Dorothy N. McAllister Professor of Animal Ecology*

Professors: J. W. Camp, *Ph.D.*; J. K. Davis, *D.V.M., Ph.D.*; L. T. Glickman, *Dr.PH.*; H. HogenEsch,
D.V.M., Ph.D.; S. B. Hooser, *D.V.M., Ph.D.*; K. R. Kazacos, *D.V.M., Ph.D.*; R. A. Kreisler, *M.D.,
Ph.D.*; T. L. Lin, *D.V.M., Ph.D.*; M. A. Miller, *D.V.M., Ph.D.*; S. K. Mittal, *B.V.Sc., Ph.D.*;
R. E. Raskin, *D.V.M., Ph.D.*; A. H. Rebar, *D.V.M., Ph.D.*; H. L. Thacker, *D.V.M., Ph.D.*;
W. G. Van Alstine, *D.V.M., Ph.D.*; J. F. Van Vleet, *D.V.M., Ph.D.*; C. C. Wu, *D.V.M., Ph.D.*

Professors Emeriti: C. H. Armstrong, *D.V.M., Ph.D.*; W. W. Carlton, *D.V.M., Ph.D.*, *Leslie M.
Hutchings Distinguished Professor of Pathology*; R. M. Claflin, *D.V.M., Ph.D.*; S. M. Gaafar,
D.V.M., Ph.D.; D. P. Gustafson, *D.V.M., Ph.D.*; D. D. Harrington, *D.V.M., Ph.D.*; C. L. Kanitz,
D.V.M., Ph.D.; L. J. Runnels, *D.V.M.*; R. W. Winterfield, *D.V.M.*

Adjunct Professors: J. C. Bloom, *V.M.D., Ph.D.*; A. M. Dahlem, *Ph.D.*; D. B. DeNicola, *D.V.M.,
Ph.D.*; N. A. Gillett, *D.V.M., Ph.D.*; P. Guo, *D.V.M., Ph.D.*; G. G. Long, *D.V.M., Ph.D.*; T. S.
McNamara, *D.V.M.*; G. E. Sandusky, *D.V.M., Ph.D.*; J. P. Sundberg, *D.V.M., Ph.D.*; T. E. Walton,
D.V.M., Ph.D.

Associate Professors: J. A. Christian, *D.V.M., Ph.D.*; E. A. Kazacos, *D.V.M., Ph.D.*; C. H. Kim,
Ph.D.; S. D. Lenz, *D.V.M., Ph.D.*; J. B. Messick, *V.M.D., Ph.D.*; S. I. Mohammed, *D.V.M., Ph.D.*;
G. E. Moore, *D.V.M., Ph.D.*; J. A. Ramos-Vara, *D.V.M., Ph.D.*; P. W. Snyder, *D.V.M., Ph.D.*;
R. Vemulapalli, *M.V.Sc., Ph.D.*; P. S. Waknell, *D.V.M., Ph.D.*

Adjunct Associate Professors: S. B. Cosgrove, *Ph.D.*; J. R. Hartke, *D.V.M., Ph.D.*; D. M. Hoover,
D.V.M., Ph.D.; A. R. Irizarry, *D.V.M., Ph.D.*; W. H. Jordan, *D.V.M., Ph.D.*; M. N. Novilla, *D.V.M.,
Ph.D.*; R. Y. Reams, *Ph.D.*; D. G. Rudmann, *D.V.M., Ph.D.*; S. Sambhara, *D.V.M., Ph.D.*;
M. A. Suckow, *D.V.M.*; J. M. Sullivan, *D.V.M., Ph.D.*

Assistant Professors: A. J. Johnson, *D.V.M., Ph.D.*; H. Ochoa-Acuña, *D.V.M., Ph.D.*;
R. Pogranichniy, *D.V.M., Ph.D.*; E. A. Raizman, *D.V.M., Ph.D.*

Clinical Assistant Professors: C. H. Holland, *D.V.M., Ph.D.*; C. A. Thompson, *D.V.M.*;
T. Vemulapalli, *D.V.M.*; C. R. Wilson, *Ph.D.*

Adjunct Assistant Professor: M. R. Marks, *D.V.M., J.D.*

Research Assistant Professors: S. A. Crist, *Ph.D.*; B. D. Elzey, *Ph.D.*

Department of Veterinary Clinical Sciences

P. D. Constable, Head of the Department

Professors: L. G. Adams, *D.V.M. Ph.D.*; S. B. Adams, *D.V.M.*; S. F. Amass, *D.V.M.*; G. J. Breur,
D.V.M., Ph.D.; P. D. Constable, *D.V.M., Ph.D.*; L. L. Coučtil, *D.V.M., Ph.D.*; D. W. Knapp, *D.V.M.*;
J. Ko, *D.V.M.*; S. G. Krohne, *D.V.M.*; G. C. Lantz, *D.V.M.*; W. B. Morrison, *D.V.M.*; A. T. Peter,
M.V.Sc., Ph.D.; S. K. Salisbury, *D.V.M.*; C. R. Scott-Moncrieff, *Vet.M.B.*; J. Stiles, *D.V.M.*;
D. J. Waters, *D.V.M., Ph.D.*; W. R. Widmer, *D.V.M.*

Professors Emeriti: H. E. Amstutz, *D.V.M.*; J. C. Blakemore, *D.V.M.*; W. E. Blevins, *D.V.M.*;
L. K. Clark, *D.V.M., Ph.D.*; J. F. Fessler, *D.V.M.*; K. B. Meyer, *D.V.M.*; R. L. Morter, *D.V.M., Ph.D.*;
E. H. Page, *D.V.M.*; W. E. Weirich, *D.V.M., Ph.D.*

Clinical Professor: D. E. Bevier, *D.V.M.*

Associate Professors: A. N. Baird, *D.V.M., Ph.D.*; L. Freeman, *D.V.M.*; H. W. Green, *D.V.M.*;
L. F. Guptill-Yoran, *D.V.M., Ph.D.*; J. F. Hawkins, *D.V.M.*; M. A. Hill, *B.Vet.Med., Ph.D.*;
D. F. Hogan, *D.V.M.*; L. A. Horstman, *D.V.M.*; T. B. Lescun, *B.Vet.Sc., M.S.*; U. A. Luescher,
D.V.M., Ph.D.; J. M. Poulson, *D.V.M., Ph.D.*; D. Ragland, *D.V.M., Ph.D.*; J. E. Sojka, *V.M.D.*

Clinical Associate Professors: W. M. Hilton, *D.V.M.*; N. E. Lambrechts, *B.Vet.Sci.*;
S. B. Thompson, *D.V.M.*; A. B. Weil, *M.D.*

Associate Professors Emeriti: J. S. Baker, *D.V.M.*; K. M. Weinland, *D.V.M.*

Adjunct Associate Professors: H. M. Aberman, *D.V.M.*; M. Y. Ash, *M.D.*; S. R. Ash, *M.D.*;
J. K. Critser, *Ph.D.*

Assistant Professors: B. R. Austin, *D.V.M.*; A. E. Fauber, *D.V.M.*; A. L. Litster, *B.Vet.Sc., Ph.D.*;
R. A. Packer, *D.V.M.*; B. M. Pressler, *D.V.M., Ph.D.*

Clinical Assistant Professors: D. K. Baird, *D.V.M., Ph.D.*; H. G. Heng, *D.V.M.*; W. D. Hope,
D.V.M.; T. Inoue, *D.V.M.*; P. A. Johnson, *D.V.M.*; J. F. Naughton, *D.V.M.*; K. G. Naughton, *D.V.M.*;
N. K. Parnell, *D.V.M.*; J. J. Rohleder, *D.V.M.*

Adjunct Assistant Professors: R. L. Bergman, *D.V.M.*; A. G. Boutselis, *M.D.*; B. R. Coolman,
D.V.M.; T. L. Grieshaber, *D.V.M.*; M. C. Hiles, *Ph.D.*; R. V. Hutchison, *D.V.M.*; S. B. Jones, *M.D.*;
A. M. Lennox, *D.V.M.*; M. Mattix, *D.V.M.*; C. A. Miller, *D.V.M.*; J. C. Ramer, *D.V.M.*;
G. A. Tuckman, *M.D.*; N. Vanderkolk, *D.V.M.*

Courtesy Appointee: F. S. Rosenthal, *Ph.D.*

Instructional Units

Agriculture

Agricultural and Biological Engineering
 Agricultural Economics
 Agronomy
 Animal Sciences
 Biochemistry
 Botany and Plant Pathology
 Entomology
 Food Science
 Forestry and Natural Resources
 Horticulture and Landscape Architecture
 Youth Development and Agricultural Education

Consumer and Family Sciences

Child Development and Family Studies
 Consumer Sciences and Retailing
 Foods and Nutrition
 Hospitality and Tourism Management

Education

Curriculum and Instruction
 Educational Studies

Engineering

Aeronautics and Astronautics
 Agricultural and Biological Engineering
 Biomedical Engineering
 Chemical Engineering
 Civil Engineering
 Construction Engineering and Management
 Electrical and Computer Engineering
 Engineering Education
 Industrial Engineering
 Interdisciplinary Engineering
 Materials Engineering
 Mechanical Engineering
 Nuclear Engineering

Health Sciences

Liberal Arts

Aerospace Studies
 Anthropology
 Bands
 Communication
 English
 Foreign Languages and Literatures
 General Studies
 Health and Kinesiology
 History

Interdisciplinary Studies

Military Science
 Naval Science
 Philosophy
 Political Science
 Psychological Sciences
 Sociology
 Speech, Language, and Hearing Sciences
 Visual and Performing Arts

Management

Economics
 Management

Nursing

Pharmacy and Pharmaceutical Sciences

Industrial and Physical Pharmacy
 Medicinal Chemistry and Molecular
 Pharmacology
 Pharmacy Practice

Science

Biological Sciences
 Chemistry
 Computer Science
 Earth and Atmospheric Sciences
 Mathematics
 Physics
 Statistics

Technology

Aviation Technology
 Building Construction Management
 Technology
 Computer Graphics Technology
 Computer and Information Technology
 Electrical and Computer Engineering
 Technology
 Industrial Technology
 Manufacturing Engineering Technology
 Mechanical Engineering Technology
 Organizational Leadership and Supervision

Veterinary Medicine

Basic Medical Sciences
 Comparative Pathobiology
 Veterinary Clinical Sciences
 Veterinary Medicine

Index

- Abbreviations, **18**
 Academic structure, **20**
 Accreditation of School of Veterinary Medicine, **20**
 Admissions, **8, 22, 30**
 inquiries, **8**
 preprofessional requirements, **9**
 procedure for, **8, 22, 30**
 professional school, **22**
 transfer criteria, **9, 30**
 veterinary technology program, **30**
 American Veterinary Medical Association (AVMA), **33**
 Animal Disease Diagnostic Laboratory, **20**
 Application deadlines, **8, 30**
 A.S. degree in veterinary technology, **33**
 Biomedical Information Resources Center, **21**
 B.S. degree, **30, 31, 33**
 Careers in veterinary medicine, **21**
 Careers in veterinary technology, **30**
 Center for Career Opportunities, **15**
 College of Technology Statewide, **10**
 Cooperatives, **14**
 Counseling, **15**
 Courses, information about, **34**
 Degrees, **20, 29, 30, 31, 33, 34**
 Department of Agriculture (USDA), **21**
 Department of Health and Human Services, **21**
 Disability Resource Center, **15**
 Doctor of Philosophy degree, **20**
 D.V.M. degree, **20, 29, 34**
 Early registration (STAR), **9**
 Eligibility for professional courses, **24**
 Employment, **15, 21, 22, 30, 33**
 Enrollment limitation, **22**
 Expenses, general student, **11**
 for veterinary students, **23**
 Faculty, **34**
 Fees, **11, 23**
 refunding of, **12**
 Financial aid, **12**
 Fraternities, **15**
 Freshman criteria, **8, 30**
 Graduate study, **34**
 Graduation rates, **16**
 Graduation requirements, **29, 33**
 Grants, **12**
 Heads of instructional departments, **35**
 Housing, **13**
 Immunization, **10**
 Information Technology at Purdue (ITaP), **16**
 Instructional units, **37**
 International students, **9**
 Legal requirements for practice in veterinary medicine, **29, 33**
 Libraries, **17**
 Married student/family accommodations, **14**
 Media Instructional and Information Technology, **20**
 Medical research, **22**
 Municipal government, **22**
 Military training, **10**
 M.S. degree, **20**
 Nondiscrimination policy statement, **10**
 Orientation and support programs, **9**
 Private industry, **22**
 Private practice, **21**
 Ph.D. degree, **20**
 Plans of study, **19, 24, 31, 33**
 Preprofessional curriculum, **19**
 Preprofessional requirements, **9**
 Professional curriculum, **24**
 Professional opportunities, **21, 30**
 Professional school admission, **22**
 Purdue across Indiana, **10**
 Purdue: a world of possibilities, **5**
 Residences, University, **13**
 Safety on campus, **16**
 Scholarships, **12**
 School of Veterinary Medicine, **20**
 Seven-year programs, **29**
 Sororities, **15**
 State employment, **22**
 Student employment, **12, 15**
 Student Access, Transition and Success Programs, **9**
 Student orientation and support programs, **9**
 Student services, **15**
 Students
 international, **11**
 transfer, **10**
 with disabilities, **15**
 Study abroad, **18**
 Summer Transition, Advising, and Registration (STAR), **9**
 Three-plus-one programs, **29**
 Transfer admissions criteria, **9, 30**
 Tuition, **11, 23**
 Two-plus-two veterinary technologist program, **32**
University Regulations, **16**
 University residences, **13**
 Veterinary Medical Administration, **20, 34**
 Veterinary medicine career, **21**
 Veterinary Medicine, School of, administration, faculty, and teaching staff, **34**
 Veterinary practice, **21**
 legal requirements for, **29, 33**
 Veterinary student expenses, **23**
 Veterinary technology
 admissions, **30**
 applications, **30**
 career, **30**
 curricula, **31**
 transfer admissions criteria, **30**
 Women's residences, **13**

