

OHIO STATE ATI

Advising Students Interested in Pre-Veterinary Medicine

Shaun Wellert, DVM, MS, DACVPM

About Me

- 2003 Graduate of Northwestern High School
- 2007 Graduate of Ohio Northern University
 - Biology (pre-vet)
- 2011 Graduate of OSU College of Veterinary Medicine
- 2011-2015 – Associate Veterinarian at Sugarcreek Veterinary Clinic
- 2015-2016 – Associate Veterinarian at New Pittsburg Veterinary Clinic
- 2015-present – Professor at OSU ATI



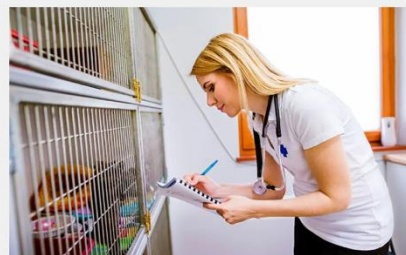
Opportunities in the Veterinary Profession

- Three Clinical Areas
 - Veterinary Assistant (un-licensed)
 - Veterinary Technician (licensed)
 - Veterinarian (licensed)
- Support staff
 - Reception
 - Kennel attendants
 - Practice managers



Veterinary Assistant

- Work duties are similar to what a veterinary technician would perform
 - Check in patients
 - Go over medication
 - Take history and vital signs
- Limited in what technical procedures they can perform
 - Can't suture skin
 - Clean teeth, etc...
- No formal education required
- Many vocational schools have programs that prepare students with skills

[Courses](#) ▾[Resources](#) ▾[My Classroom](#)[Search](#) 🔍[Log In](#)

Become a Veterinary Assistant

Are you considering a career as a veterinary assistant? This course will answer all of your questions and more as you learn about pet nutrition, preventing parasites, health and safety issues, reasons for and against

6 Weeks Access / 24 Course Hrs

[Read More...](#)

[SHARE](#) [f](#) [t](#)

Veterinary Technician

- Usually a 2-year AAS degree
- Program must be accredited by AVMA for students to be eligible to sit licensure exam
- Function as a Registered Nurse equivalent for veterinarians

Ohio

[Columbus State Community College](#)

Veterinary Technology Program
550 E. Spring Street
Columbus, OH 43216
Associate of Applied Science
Initial Accreditation-May, 1974; Next Evaluation: 2028
FULL ACCREDITATION

[Cuyahoga Community College](#)

Veterinary Technology Program
11000 Pleasant Valley Road
Parma, OH 44130
Associate of Applied Science
Initial Accreditation-April, 1998; Next Evaluation: 2025
FULL ACCREDITATION

[Edison State Community College](#)

Veterinary Technology Program
1973 Edison Drive
Piqua, OH 45356
Associate of Applied Science
Initial Accreditation: February 9, 2022; Next Evaluation: 2027
VOLUNTARY TERMINAL

[Kent State University-Trumbull](#)

Veterinary Technology Program
4314 Mahoning Avenue NW
Warren, OH 44483
Associate in Applied Science
Initial Accreditation: January 26, 2018; Next Evaluation: 2028
FULL ACCREDITATION

[Kent State University-Tuscarawas](#)

School of Veterinary Technology
330 University Drive NE
New Philadelphia, OH 44663
Associate of Applied Science
Initial Accreditation-November 7, 2008; Next Evaluation: 2030
FULL ACCREDITATION

[Ross College-North Canton](#)

Veterinary Technology Program
4300 Munson Street NW
Canton, OH 44718
Associate of Applied Science
Initial Accreditation: February 18, 2011; Next Evaluation: 2027
FULL ACCREDITATION

[UC Blue Ash College](#)

Veterinary Technology Program
9555 Plainfield Road
Blue Ash, OH 45236
Associate of Applied Science
Initial Accreditation-April, 1975; Next Evaluation: 2028
PROBATIONARY ACCREDITATION (Standard 4)

[Sinclair Community College](#)

Veterinary Technology Program
444 W. Third Street
Dayton, OH 45459
Associate of Applied Science
Initial Accreditation: February 14, 2014; Next Evaluation: 2024
FULL ACCREDITATION

[Stautzenberger College - Brecksville](#)

Veterinary Technology Program
8001 Katherine Boulevard
Brecksville, OH 44141
Associate of Applied Science
Initial Accreditation-December 8, 2006; Next Evaluation: 2028
VOLUNTARY TERMINAL

[Stautzenberger College-Maumee](#)

Veterinary Technology Program
1796 Indian Wood Circle
Maumee, OH 43537
Associate of Applied Science
Initial Accreditation-April, 1996; Next Evaluation: 2029
FULL ACCREDITATION

[Valley College](#)

Veterinary Technology Program
8700 Brookpark Road
Cleveland, OH 44129
Associate of Applied Science
Initial Accreditation: May 20, 2021; Next Evaluation: 2026
INITIAL ACCREDITATION

Veterinarian

- Must graduate from an AVMA accredited program to sit licensure exam
 - Ohio State -Only school in Ohio
 - Is a graduate level professional program, must complete undergraduate work and apply
- No specific degree program is required to apply to vet school
 - Many colleges of vet med not require any undergraduate degree at all
 - Often take other skills/experience into account as much as academics
 - Require specific pre-requisite classes versus a degree
 - Admission Requirements
 - <https://applytovetschool.org/>
- Many schools have degree programs specifically designed to meet the pre-requisite class requirements

Most Common Paths

Pre-Health Professions

- Majors
 - **Biology**
 - **Biochemistry**
 - **Zoology**
- Pros
 - Excellent physiology and basic biology background
 - Rigorous curriculum prepares well for vet school (can be hard on GPA)
- Cons
 - Little education in production animal systems
 - Little to no nutrition background

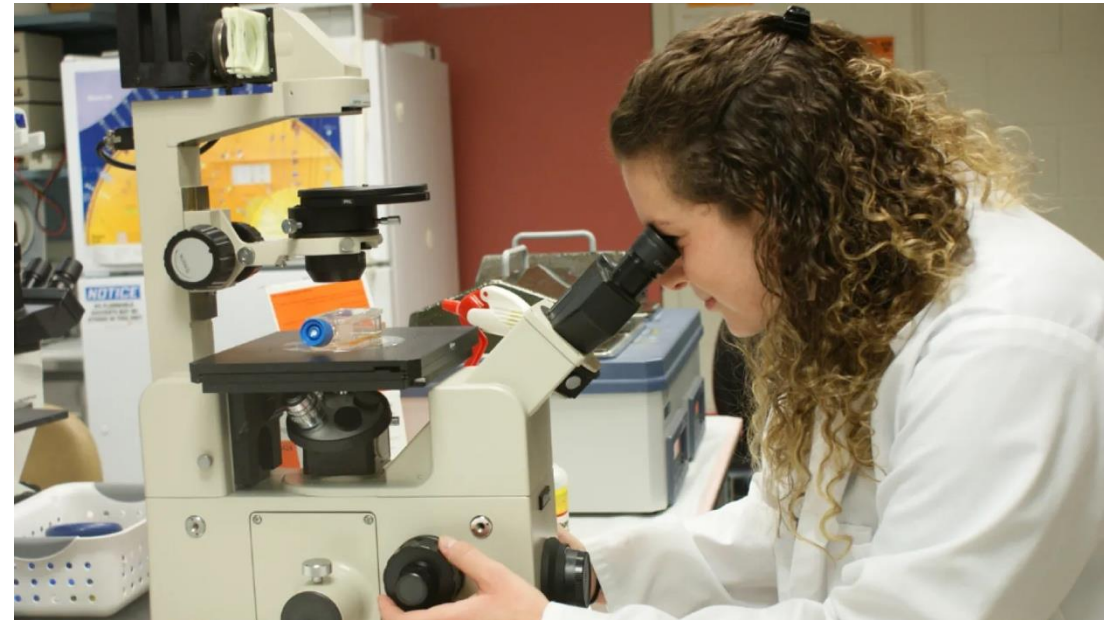
Animal Sciences

- Majors
 - **Animal Sciences**
 - **Animal Biosciences**
- Pros
 - Excellent education in production animal systems
 - Develop a robust knowledge of nutrition
 - Excellent preparation for students interested in large animal medicine
- Cons
 - Some basic physiological and biological concepts may be lacking

Advising High School Students

Students interested in becoming **Veterinarians** should be advised to take heavy college prep classes

- **Chemistry**
- **Biology**
- **Math**
 - Pre-calculus or calculus level
 - Biggest issue undergraduate students have is not placing well in math



Advising High School Students

- Vocational programs
 - Usually do not prepare students well for the rigors of high level science classes needed to become a veterinarian
 - Good prep for students interested in **Vet Tech** and **Veterinary Assistant**



OSU ATI options

- At OSU CFAES the major designed to prepare students for veterinary school is: **Animal Sciences – Biosciences Specialization**
- Can begin either in Columbus in the Department of Animal Sciences or at ATI

Animal Sciences – Biosciences Specialization



- Program mirrors our conventional Animal Sciences degree with one major exception
 - No minor options – pre-requisite class required for vet school become minor
- If starting at ATI, will also have access to technical classes that provide in-depth overview of animal husbandry
 - Great for students with a food animal or equine interest
 - Hands on handling experience
 - Veterinarian advisor