



## Veterinary Science Technology Program Handbook

Academic Year 2024 - 2025

Welcome to the Veterinary Science Technology program at the State University of New York at Delhi. This handbook has been developed to familiarize you with materials pertinent to the program and the profession. Please read this handbook carefully and address any questions to your advisor or the program director. In addition, please familiarize yourself with the SUNY Delhi Student Handbook and college catalog.



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## **Veterinary Science Technology at SUNY Delhi**

Delhi's Veterinary Science Technology (VST) program, established in 1961, was the first of its type in the United States. Since its inception, it has developed into a dynamic, nationally recognized program. The program has been fully accredited by the American Veterinary Medical Association (AVMA) since 1975.

The program is designed to meet existing demands for technical personnel in the veterinary and biomedical fields. Extensive laboratory facilities, versatile faculty and staff, on-campus hands-on experiences with companion, laboratory, production, and other animals are major assets of the Delhi VST program. A required preceptorship (work experience in a veterinary practice, animal research facility, or approved animal facility) provides an applied learning opportunity to enhance students' skills and employment potential.

### **Mission Statement**

As the premiere veterinary technology program in the US, SUNY Delhi Veterinary Science produces outstanding technicians and technologists. We strive to instill a passion for lifelong learning by exploring the diversity of our profession. We seek to enhance students' comprehension of veterinary medicine and nursing through innovative technology, applied learning and compassionate service.

### **Vision Statement**

First and Finest in the Nation.

### **Veterinary Science Technology - AAS (Associates Degree)**

#### **The Profession**

The Veterinary Science Technology program provides students with a broad theoretical background and excellent technical skills essential for careers as veterinary technicians and/or laboratory animal technicians.

Students will receive an AAS degree upon successful completion of the curriculum and will be eligible to sit for the Veterinary Technician National Examination (VTNE). Successful completion of the VTNE enables a graduate to become license eligible as a veterinary technician (LVT) in New York State and in most U.S. states. The program is designed to be completed in two years, but the curriculum may be modified based on the academic preparedness or desires of the applicant.

## **Veterinary Technician**

Licensed veterinary technicians (LVTs) are employed by veterinarians in small, large, mixed animal practices and related facilities (eg. Humane societies). The LVT's role is comparable to that of the registered nurse and other medical technicians in human medicine. Their professional duties may include, but are not limited to, surgical and medical nursing, laboratory testing, and radiographic procedures under the supervision of licensed veterinarians. LVTs may also practice in veterinary and technical colleges, zoos, public health services, government, military service, private industry and other animal science-related fields. The program also provides opportunities to participate in continuing education for Veterinary Technicians.

## **Laboratory Animal Technician**

Additional career opportunities are available to LVT's with the biomedical industry, medical, dental, and veterinary colleges, and diagnostic laboratories. Under the direction of veterinarians or research scientists, these LVT's may have responsibility for animal health and husbandry, investigative procedures, pharmaceutical testing, administrative, and related duties. With additional professional experience, graduates who complete advanced laboratory animal courses are eligible to take the American Association for Laboratory Animal Science Certification examination. The program provides opportunities for continuing education for laboratory animal technicians.

## **Terminology**

***Veterinarian:*** A person with the degree Doctor of Veterinary Medicine (DVM or VMD). In the USA all veterinary colleges take four years of full time study to complete the DVM or VMD degree. This follows four years of a pre-veterinary program in which the student may be awarded a Bachelors degree. In New York, only persons licensed by the state may practice veterinary medicine.

***Veterinary Technician:*** A person who has graduated from a two year AVMA accredited college program in veterinary technology. In New York, only persons licensed by the state may call themselves veterinary technicians (LVT). The curriculum for veterinary technology is very applied and designed to educate technicians. It is NOT a pre-vet program.

***Veterinary Technologist:*** A person who has graduated from a four year AVMA accredited college program in veterinary technology. Technologists are trained to recognize reasoning behind various tasks as well as how to perform a procedure. The following two years of training apply advanced knowledge acquired in upper level courses and electives in advanced veterinary clinical skills, laboratory animal science, and public health.

***Veterinary Assistant/ Animal Care Assistant:*** or other terms are used to describe other members of the health care team with less formal or applied education than a technician.

### **Veterinary Science Technology AAS and BS Program Objectives**

A graduate of the Veterinary Science Technology AAS program should be able to:

- Obtain licensure after successfully completing the Veterinary Technician National Exam
- Demonstrate proficiency in the essential and recommended skills task list developed by the AVMA CVTEA
- Communicate medical and financial information to the public, clients and colleagues through effective verbal and written means
- Anticipate, identify, evaluate and prioritize the needs of patients, clients, and coworkers using critical-thinking skills to respond appropriately and solve problems in discipline-specific situations
- Apply advanced knowledge acquired in upper level courses and electives in advanced veterinary clinical skills, laboratory animal science, and public health

### **Admission Standards**

Enrollment in the Veterinary Technology Program is based on a matrix evaluating the applicant's:

- 85 + GPA
- NY State Students must have a Regents Diploma
- Transfer Students must have a 3.0 GPA
- 4 Years English
- 3 Years Math (Algebra, Geometry, Algebra Trigonometry or Algebra II, or a college level Math)
- 3 Years Science (Biology/living environment required, Chemistry strongly recommended)
- Suggested (BOCES, Volunteer, work in the field)
- Students with field experience will be given special consideration towards admissions requirements.

Because of the volume of scientific literature which is required in veterinary science education, the student should have above-average reading and writing skills.

All applicants are strongly encouraged to participate in, volunteer, or work in veterinary clinics, laboratory animal or similar animal-oriented facilities (i.e. humane societies, zoos, farms etc.).

Courses to be transferred in from another college are evaluated on an individual basis for content and compatibility with Delhi College courses. The prospective student will be required to provide supportive material to demonstrate equivalency to Delhi courses to the satisfaction of the Delhi faculty. The College reserves the right to test transfer applicants to demonstrate compatibility of courses and knowledge.

Some required Veterinary Science Technology courses may be challenged by an enrolled student if that student has adequate qualifications to do so. Individual courses may have requirements which prohibit challenge.

If a candidate is deficient in any one of the above requirements;

- May be accepted after showing proof of progress towards satisfying the deficiency
- By retaking the appropriate Regents exam
- Or be accepted into Liberal Arts and then apply to the Veterinary Science Technology and as internal transfer. An application is due to the VST Program by Dec 1 of your first semester

If a candidate does not satisfactorily complete the VST admissions deficiency before enrolling at Delhi, they will be admitted as a Liberal Arts major. They must identify their desire to transfer into the VST Program with the VST Program Director and complete a minimum of 12 college credit hours per semester with pre-requisite courses advised by the student's advisor or the Liberal Arts Division Office.

A student may then be accepted as an internal transfer applicant into the VST program the **following fall** semester provided satisfactory completion of the required VST internal application (due to the VST Division Office the first week in December) including pre-requisite courses and a **cumulative** GPA of at least 3.0 for the academic year. See VST Transfer Policy below.

- A 3.0 cumulative GPA in college level courses (100 level and above)
- A minimum of 12 collegiate credits including completion of college-level **Biology** (with lab/4 credits), **Chemistry** (with lab/4 credits), **Math** (3 credits), and **English** (3 credits) **all with a grade of B or above. The remaining courses require a grade of C or better**

### **Veterinary Science Technology Transfer Policy**

Students requesting admission to the Veterinary Technology program will be considered for acceptance as a "Transfer Student" if they have successfully completed at least 12

college credits which may be accepted and satisfy course requirements for completion of the AAS degree in Veterinary Science Technology. In order to be accepted into the VST program as a transfer student (from another division/major at SUNY-Delhi or from another academic institution), the following criteria must be met:

- A student must have a cumulative GPA **>3.0** with a minimum of 12 college credits (in level 100 or above courses).
- Completion of College-Level Biology, College Algebra, and Freshman Composition with a B or above
- Transfer courses which satisfy program Liberal Arts and Science requirements (excluding those listed above) must have a grade of C or better.
- Transfer courses which satisfy program Veterinary Technology course requirements must have been taken at an AVMA accredited Veterinary Technology program, have a grade of C+ or better, and be approved by the instructor of the equivalent course, the Program Director or both.
- A student's high school record may need to be reviewed if an external transfer candidate did not complete college level biology, chemistry, or math courses which are applicable to the program requirements.

A maximum of one-half of the total Veterinary Science Technology credit hours may be transferred to Delhi College from other AVMA-accredited Veterinary Technology programs, whether on-site or distance learning. All degree students must earn thirty (32) or more credit hours of coursework under the direct supervision of the faculty of Delhi College. Please be aware that transfer students requiring Financial Aid may have difficulty reaching 12 credits toward their major. Please follow up with your academic advisor and Financial Aid.

### **Course Advancement Policy for Veterinary Technology Students**

For all VETS classes, including BIOL218 Animal Anatomy and Physiology, grades will be given according to the following schedule:

<b><u>Letter Grade</u></b>	<b><u>Numerical Grade</u></b>
A	92 or greater
A-	90 – 91.9
B+	87 – 89.9
B	82 – 86.9
B-	80 – 81.9
C+	75 – 79.9
C	72 – 74.9



C-	70 – 71.9
D+	67 – 69.9
D	62 – 66.9
D-	60 – 61.9
F	less than 60

**Requirements for Current SUNY-Delhi VST AAS Students to Remain in the Program:**

A successful grade for students in the VST Program is defined below:

- For all 100 level VETS courses a grade of “C” or higher is required.
- For all 200 level VETS courses a grade of “C+” or higher is required.
- For all required non-VETS courses (i.e. BIOL 218, BIOL 230 and other Liberal Arts courses) a grade of “C” or higher is required.

An unsuccessful grade is defined as:

- A C- or lower in all 100 level VETS courses
- A C or lower in all 200 level VETS courses
- A C- or lower for all required non-VETS courses (i.e. BIOL 218, BIOL 230)
- A student who attempts, but withdraws from a course multiple times per the College Academic Policy

An unsuccessful attempt is defined as:

- A student who attempts but withdraws from a course. This attempt would count toward the three attempts a student is allowed to make in a single course, per the College Academic Policy.

Individual courses may have standards which **exceed** the minimum passing grade requirements listed above – any variation from the definition above would be outlined in the course syllabus and would supersede the policy listed above.

Successful completion of ALL prerequisite courses is required to enroll in subsequent program courses, as stated in program course descriptions, to allow a student to progress in the program.

A student who receives an unsuccessful grade in **3 or more** required vets courses (in one or multiple courses) will receive an official notification that they are in jeopardy of permanent dismissal from the program. Be advised, an unsuccessful grade in a Session A or B course counts towards this total. The student will have the option to take a reflection semester (Reflection semester is defined as a transfer into Liberal Arts and Sciences- Individual Studies or a semester outside of the college working in a veterinary facility); or they may continue in the Veterinary Science Program. Any **additional**

**unsuccessful grades** after this notification will result in permanent removal from the program.

Any student who decides to take a reflection semester needs to submit a letter of intent to return to the Vet Sci Program Director by the end of the reflection semester (Week 14). Any student who decides to leave SUNY Delhi for their reflection semester needs to submit a letter of intent to the Vet Sci Program Director by the end of the reflection semester (Week 14) AND contact the Admissions Office in order to re-matriculate to SUNY Delhi

### **Students Unable to Progress Due to One or More Unsuccessful Grades or Withdrawal from Courses**

Students who receive an unsuccessful grade (see above definition of successful and unsuccessful grades within the Veterinary Science program) or withdraw from any course that is a prerequisite for the following semester will be unable to progress to the subsequent semester. Said students may be advised into Liberal Arts and Sciences or another major for the subsequent semester and may be restricted from VETS courses during that time.

Failure to advance in the natural progression of classes may affect a student's financial aid (including Excelsior Scholarship) or on-campus housing eligibility. Please consult with your academic advisor, student financial services, and residence life to determine any impact.

### **Requirements for Current SUNY-Delhi VST Bachelors Students to Remain in the Program:**

A successful grade for students in the VST *Bachelors* Program is defined below:

- For all required coursework a grade of "C" or higher is required.
  - This includes all liberal arts, VETS, and GE courses

Students in the VST BS program are also required to have PASSED the VTNE exam by the end of their first semester in the program. This is to ensure that they will be licensed for their internship. If a student has not passed the VTNE at this time, then they will have to transfer out of the VST BS program until they have passed the VTNE, then they can seek to transfer back in. Please consult with your academic advisor about course options if you have to transfer out of the program.

Courses may be repeated per college policy. *Unsuccessful grades in the AAS program will not count towards this policy in the BS program, only unsuccessful grades achieved within the BS curriculum.*

### **Academic Probation Restrictions for Veterinary Technology Students:**

Veterinary Technology students whose cumulative GPA is less than 2.00 will be placed on Academic Probation and must abide by the restrictions outlined in the College's academic policies: <https://www.delhi.edu/academics/provost/probation/index.php>

Being on academic probation may affect a student's financial aid or on-campus housing eligibility. Please consult with your academic advisor, student financial services, and residence life to determine any impact.

### **Academic Dismissal for Veterinary Technology Students:**

Veterinary Technology students who may be academically dismissed from the college per SUNY Delhi Academic Policies Handbook and the Academic Standing Committee will be removed from the Veterinary Science program. While students may appeal the decision and return to SUNY Delhi, they will not be allowed to return to the Veterinary Science Program. Details about the appeal process can be found at <http://www.delhi.edu/academics/provost/dismissal/index.php>

### **Task List**

The American Veterinary Medical Association's Committee on Veterinary Technician Education and Activities (CVTEA) has established a list of essential skills that are required to be completed by veterinary technology students prior to graduation. The skills will be distributed amongst the veterinary technology program required courses and must be successfully completed before a passing grade is awarded in that particular course. Students are to be prepared to perform these tasks upon instructor request.

### **Student Standards**

*Accountability:* Each Delhi veterinary science technology student is expected to act professionally and be accountable for their own actions. You are expected to attend class. If you miss a class meeting for any reason (excused or unexcused) you will be held responsible for all material covered and announcements made in class.

*Professional Behavior:* Students are expected to exhibit professional conduct in all academic endeavors, interactions and experiences. Veterinary Technology is a licensed profession requiring a high standard of behavior. Professionals are invested with trust by the community, therefore, we are bound by legal, ethical and moral obligations in addition to those common to every other member of society. Veterinary Technicians not only represent the facility in which they work, they are also entrusted with the care of client pets/animals. They also have access to drugs, needles, syringes and supplies illegal to non-licensed personnel. Student affiliation/membership with unrecognized or banned social organizations may be cause for removal from the Veterinary Technology Program.

Therefore:

1. Knowledge of and adherence to a professional standard of behavior is an integral part of the Veterinary Technology curriculum.
2. The program requires that all students act professionally at all times. Condoning unprofessional behaviors by others is also a violation of ethical conduct. Students will be expected to speak and act professionally at all times as if they were in a professional workplace.
3. College policies on academic integrity are strictly enforced and violations of professional standards may result in penalties ranging from failing grade to expulsion from the program. Violations include, but are not limited to cheating, plagiarism, theft, or aggressive words or actions.
4. Destruction of equipment, misuse of supplies and poor or inhumane treatment of animals may result in dismissal from the program. Students may not initiate any treatment or procedure to any animal without authorization of a veterinarian.
5. Any use of images or recordings of SUNY-Delhi laboratories, animal facilities, or animals OR any posts to social media internet sites (Facebook, Twitter, etc) must have written approval by your instructor or by the facility manager prior to posting.

*Dress:* The second floor of Farnsworth Hall is dedicated solely to the Veterinary Technology program. To maintain a safe and clean environment for people as well as our animals, the following regulations apply to all students and personnel when they are on the second floor of Farnsworth Hall:

- Wear shoes that completely cover the feet. Non-skid shoes are recommended. Open toe shoes or sandals are prohibited.
- Wear either a lab coat over clothes or surgical scrubs. Pants must completely cover the legs. Skirts and dresses are discouraged unless required for religious reasons.
- All hair that is shoulder length or longer should be confined behind the head during any lab or when handling animals.
- All nails should be no longer than the tips of your fingers to avoid injury to animals. No artificial nails should be worn due to health concerns with pathogens.
- Stud earrings may be worn; no loop or long dangling earrings or necklaces may be worn at any time.
- No facial jewelry (i.e. eyebrow, nose, lip, etc.) will be worn to avoid injury from animals.
- Each student must maintain a professional appearance at all times including clean hair and clothing and exemplary personal hygiene.

Attire at the Large Animal Teaching facility is important to prevent disease transmission as well as personnel safety. While at the Large Animal Teaching facility the following attire is required:

- Rubber washable boots must be worn. Work boots with rubber over boots preferred.
- Coveralls that completely cover street clothing.
- All hair that is shoulder length or longer should be confined behind the head during any lab or when handling animals.
- All nails should be no longer than the tips of your fingers to avoid injury to animals. No artificial nails should be worn due to health concerns with pathogens.
- Stud earrings may be worn; no loop or long dangling earrings or necklaces may be worn at any time.
- No facial jewelry (i.e. eyebrow, nose, lip, etc.) will be worn to avoid injury from animals.
- Each student must maintain a professional appearance at all times including clean hair and clothing and exemplary personal hygiene.

*Student Animals:* No privately owned animals are allowed in any building on campus unless prior written permission has been granted by veterinary technology staff or appropriate personnel. There are no exceptions.

## **Health Concerns**

*Accident/ Injury:* Students who are injured during class or laboratory activities must notify their instructor immediately and an Accident Report must be completed with the Facility Manager. Depending on the nature of the injury the student will be referred to the college health center, the hospital emergency department or the student's health care provider. Students should take universal precautions to avoid exposure to any blood or body fluid.

*Pregnancy:* Students who are pregnant or think they might be pregnant must consult with their personal physician to determine if they should defer the program or if modifications in laboratory involvement may be necessary. In addition the student must notify the department chair immediately.

## **Rabies Immunization Requirement:**

Effective January 1, 2022, the AVMA-CVTEA (accrediting body for the SUNY Delhi Veterinary Technology Program) initiated a requirement that ALL veterinary technology students receive pre-exposure rabies virus vaccination prior to working directly with animals in their academic program. This policy is now in effect for all accredited Vet Tech Programs in the US and Canada.

For all students attending the Veterinary Technology Program at SUNY Delhi, the prophylactic series of rabies vaccination will now be REQUIRED for all students in their first semester. SUNY Delhi has created a plan to ensure that all in-person Vet Tech

students are vaccinated as quickly as possible upon initiation of the academic program. The FAQ below will explain more about the virus and plan for SUNY Delhi students:

**What is rabies virus?** Rabies is a virus that can transmit from animals to humans through bites and/or contact with saliva. There is no simple treatment for rabies and most human cases are fatal.

**What is rabies pre-exposure prophylaxis vaccination?** The rabies prophylaxis vaccination is a series of 2 injections given over 2 weeks.

**How will a student get vaccinated?**

SUNY Delhi has created a lab fee (\$1000) that will be associated with a first semester class (BIOL 218 Animal Anatomy and Physiology). Students will receive the 2 shot series upon starting the Veterinary Technology Program at the student Health Center on campus. The fee will be charged to the student's account and qualifies for financial aid. If the cost of the vaccine is less than \$1000, any balance will be refunded to the student's account.

**Can I get the shots on my own or through my doctor?** Yes, some health insurances will cover the vaccination series for Veterinary Technology students so it is worth checking with your insurer. The cost without health insurance can be very expensive so students should consider using the Delhi Health Center instead. Students who are able to receive the full series of pre-exposure vaccines will not need to receive vaccines on campus; however they will need to show proof of vaccination to the SUNY Delhi Health Center prior to starting the academic program.

How to get vaccinated (if online or alternatives to being vaccinated by the Health Center): If you currently have health insurance or a relationship with a doctor, we recommend starting there. Important things to clarify:

- You are entering a high-risk profession
- This is considered preventative care
- Pre-exposure vaccination for veterinarians, veterinary technicians or others on the veterinary team can be ordered by a physician or arranged through your local or state health department. Insurance coverage varies, so ask your provider whether your policy includes coverage, either full or partial.
- If you are unable to obtain the rabies vaccine from your health care provider, the following options may available:
- Contact a local pharmacy (e.g., Walgreens) and see if they would administer the vaccination if prescribed by a primary care physician
- County health departments
- Contact a local travel clinic
- Contact a local public health unit

**Can I request a waiver of the vaccination?** Students who have previously received or receive the rabies vaccination through an outside provider may request a waiver of the fee and vaccination by providing proof of vaccination to the Student Health Center. SUNY Delhi is unable to approve any waivers for unvaccinated students.

If you have questions regarding your specific medical situation or this policy please contact:

Student Health Center – Foreman Hall (medical questions)  
607- 746-4690

School of Veterinary and Applied Sciences –SUNY Delhi (questions about policy)  
[vetsci@delhi.edu](mailto:vetsci@delhi.edu) (607) 746-4425

Failure to complete the vaccine series by May 1 of the second semester, prior to your preceptorship, will result in a student being unable to participate in their preceptorship and therefore unable to progress in the program.

## **Technical Standards for Admission, Progression and Graduation**

The list of technical standards is for you to use to become aware and informed of the skills required in the performance of duties of a veterinary technician and to assess your ability to complete such duties. These technical standards reflect performance abilities and characteristics that are necessary to successfully complete the requirements of the Veterinary Science Technology program at SUNY Delhi. These standards are not conditions of admission to the program. Persons interested in applying for admission to the program should review this form to develop a better understanding of the skills, abilities and behavioral expectations necessary to successfully complete the program. The College complies with the requirements and spirit of Section 504 of the Rehabilitation Act and the Americans with Disabilities Act of 1990. Therefore, the College will endeavor to make reasonable accommodations for participants with disabilities who are otherwise qualified.

For a complete list of technical standards please visit:

[https://catalog.delhi.edu/preview\\_program.php?catoid=4&poid=319&returnto=61](https://catalog.delhi.edu/preview_program.php?catoid=4&poid=319&returnto=61)

## **Essential Job Requirements of the Veterinary Technician**

Individuals pursuing a career in veterinary technology must take into considerations the job requirements that person must fulfill. If a person is not able to perform these essential job requirements they are encouraged to seek another career better suited for their abilities.

Summary of Essential Job Requirements of the Veterinary Technician  
(Including but not limited to the following)

1. Personality suited to exhibit respect, concern, and compassion for both animals and humans
2. Possess the capacity to make independent decisions, work unsupervised, be creative, adaptable, and resourceful. Believe in the highest standards of care and uphold the values of personal responsibility, honesty, integrity, ethical behavior, trust and professionalism.
3. Ability to tolerate walking and standing for sustained and prolonged periods of time (85% of workday).
4. Capable of lifting from floor to waist level and/or carrying up to forty pounds unassisted frequently, and up to fifty pounds or more with assistance occasionally.
5. Ability to bend over at the waist, twist the trunk, squat, kneel, reach above the head, and have sufficient grip strength. Have the body size, conformation, and fitness to do the physical work required of a technician.



6. Amenable to learning to safely handle, restrain, and work with any species of domestic and exotic animals that may be sick, injured, fractious, or aggressive without fear.
7. Willingness to assist with or perform a wide variety of routine medical, surgical, and diagnostic procedures common to the veterinary setting including humane euthanasia.
8. Open to performing routine cleaning and janitorial duties including using brooms, brushes, hoses and various cleaning products (detergents, disinfectants).
9. Understanding of the requirement to work with and around dangerous animals, hazardous chemicals, compressed gasses, pharmaceuticals, sharp objects, radiation, and biohazards.
10. Aptitude for science requiring attention to detail, careful observation and accurate record keeping.
11. Capacity to perform arithmetic and simple mathematical calculations. Capable of learning to operate and maintain a variety of medical diagnostic and therapeutic equipment.
12. Communicate effectively and efficiently with others in order to elicit information. Communication includes not only speech but also reading and writing.
13. Capacities to read and hear, understand, and quickly execute complex verbal and written instructions given in English.
14. Possess eyesight capable of viewing small visual images, use a microscope and read instrumentation.

### **Summary of Environmental Working Conditions**

Individuals pursuing a career in veterinary technology should also consider the environmental working conditions of the typical veterinary technician.

According to the Classification of Jobs Index, Directory of Occupational Titles, US Department of Labor, the environmental working conditions for the veterinary technician are as follows:

1. Works both indoors and outdoors in all weather conditions during both daylight and after dark, long hours, shift work, stressful and sometimes emotionally charged, fast-paced profession.
2. Capacity is that of a licensed veterinary medical professional. Daily interactions with doctors, other technicians, support staff, clients (people) and patients (animals).

3. Will assume many different roles during a workday (receptionist, technical assistant, nurse, kennel attendant, janitor, counselor, etc.) Interacts with an endless variety of people, animals and challenging clinical and interpersonal situations.

4. Frequent exposure to loud noises, odors, animal pain and suffering, invasive (bloody) medical, surgical and diagnostic procedures, dangerous animals, sharp objects, hazardous chemicals, compressed gasses, pharmaceuticals (including controlled substances), radiation and biohazards during the routine practice of veterinary medicine.

5. Constant exposure to animal hair, dander and many other potential allergens.

### **Supply List:**

- Hunter green scrubs – tops and bottoms (2-3 sets)
- White long sleeve lab coat (1)
- Coveralls – long or short sleeve (1)
- Name tag (easy to read)
- Washable rubber boots – higher than calf-length (10-12")
- Digital thermometer (can use human found in pharmacy)
- Stethoscope (recommend to avoid the cheapest as it doesn't pick up sounds well, but don't buy the most expensive either)
- Clear safety glasses/goggles
- Dishwashing gloves
- Wristwatch that displays seconds
- Four function calculator

### **Optional:**

- Large animal thermometer
- N95 Respiratory mask if you have allergies or asthma & paper bags to store mask when not in use

## Veterinary Science Technology Curriculum Scenario

This is a sample curriculum scenario. Different scenarios may need to be developed based on individual student needs.

### First Year

#### First Semester

<b>Course No.</b>	<b>Course</b>	<b>Cr. Hrs.</b>
BIOL 230	General Microbiology	4
MATH 128	College Algebra	3
VETS 115	Medical Math for Veterinary Technicians	1
VETS 120	Introduction to Veterinary Science	2
VETS 131	Small Animal Nursing and Care	3
VETS 104	Animal Care I	1
BIOL 218	Animal Anatomy and Physiology 1	3
	<b>Total</b>	<b>17</b>

#### Second Semester

<b>Course No.</b>	<b>Course</b>	<b>Cr. Hrs.</b>
ENGL 100	Freshman Composition	3
CHEM 120/180	Introductory to Chemistry or Gen Chem I	4
VETS 132	Large Animal Care	2
VETS 160	Introductory Research Animal Technology	2
VETS 171	Parasitology and Pathology	3
VETS 219	Animal Anatomy and Physiology II	3
VETS 198	Preceptorship (Internship) Preparation	1
	<b>Total</b>	<b>18</b>

#### Summer Session

<b>Course No.</b>	<b>Course</b>	<b>Cr. Hrs.</b>
VETS 183	Preceptorship I	1
VETS 203	Preceptorship II	1

## Second Year

### Third Semester

Course No.	Course	Cr. Hrs.
BUSI 120	Business Communications	3
VETS 216	DEI in Veterinary Medicine	1
VETS 238	Surgical Nursing and Anesthesia Lecture	3
VETS 239	Surgical Nursing and Anesthesia Lab	1
VETS 245	Diagnostic Imaging	2
VETS 270	Nutrition	3
VETS 242	Dentistry	1
	<b>Total</b>	<b>14 - 16</b>

### Fourth Semester

Course No.	Course	Cr. Hrs.
VETS 205	Clinical Laboratory Techniques (Lecture)	3
VETS 210	Clinical Laboratory Techniques (Laboratory)	1
VETS 230	Farm Animal Nursing	2
VETS 235	Farm Animal Nursing Laboratory	1
VETS 251	Veterinary Business Practices	2
VETS 289	VTNE Prep	1
VETS 255	Pharmacology and Animal Disease	3
-----	Restricted Elective	1 - 3
	<b>Total</b>	<b>14 - 16</b>

**TOTAL MINIMUM CREDIT FOR AAS                    64**

### Prerequisites for Required Courses

#### VETS

<u>Course #</u>	<u>Course Title</u>	<u>Course Prerequisites</u>
104	Animal Care I	Enrollment on Veterinary Science Technology Program Corequisite with Small Animal Care
115	Medical Math for Veterinary Technicians	Enrollment in the Veterinary Science Technology Program

120	Intro. to Veterinary Science	None
131	Small Animal Care	Enrollment in the Veterinary Science Technology Program
132	Large Animal Care	Enrollment in the Veterinary Science Technology Program
BIOL 218	Animal Anatomy and Physiology	Enrollment in Veterinary Technology Program and High School Biology (C+ or better) and High School Chemistry (C+ or better) OR Enrollment in Veterinary Technology Program and Concurrent enrollment in college level Biology ( <a href="#">BIOL 130</a> ) and/or College-level Chemistry ( <a href="#">CHEM 120</a> )*
160	Introduction to Research Animal Techniques	VETS 115 Med Math or concurrent for Transfers  VETS 120 Intro to Vet Sci VETS 131 Small Animal Care or concurrent enrollment VETS 132 Large Animal Care or concurrent BIOL 218 Animal Anatomy and Physiology
171	Veterinary Pathology and Parasitology	VETS 115 Medical Math VETS 120 Intro to Vet Sci BIOL 218 Animal Anatomy and Physiology
180	Clinical Physiology	VETS 120 Intro to Vet Sci VETS 131 Small Animal Care or concurrent enrollment

		VETS 132 Large Animal Care or concurrent enrollment BIOL 218 Animal Anatomy and Physiology
198	VST Preceptorship Prep	VETS 120 Intro to Vet Sci or concurrent VETS 115 Medical Math VETS 131 OR concurrent VETS 132 OR concurrent VETS 160 Research Animal Techniques or concurrent VETS 171 Veterinary Path/Parasit or concurrent VETS 180 Clinical Physiology or concurrent
183/203	Vet Tech Preceptorship I and II	VETS 115 Med Math VETS 131 Small Animal Care VETS 160 Research Animal Techniques VETS 171 Veterinary Parasitology VETS 180 Clinical Physiology VETS 198 Prep Vet Tech Preceptorship
216	DEI in Veterinary Medicine	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor
205 & 210	Clinical Laboratory Techniques (Lec and Lab)	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor VETS 205 and 210 are co-requisites
230 & 235	Farm Animal Nursing (Lec and Lab)	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor

238 & 239	Surgical Nursing and Anesthesia (Lec and Lab)	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor
242	Companion Animal Dentistry	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor
245	Diagnostic Imaging	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor
251	Veterinary Business Practices	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor
289	VTNE Prep	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor – This course should be taken in FINAL semester
255	Pharmacology and Animal disease	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor
270	Applied Clinical Nutrition	VETS 183 Preceptorship, BIOL 230 and Chem 120 or 180* or permission of the instructor

\*Any Chemistry course (including CHEM 120 and 180) taken requires and in-person lab, whether from SUNY Delhi or another institution. This does not apply

to chemistry courses taken prior to admission to the program.

All electives are restricted to BS Vet Tech Program or Permission of Instructor

**Elective Courses**

- 247 Exotic Medicine and Nursing
- 294 Livestock Management
  
- 305 Introduction to Public Health (Online)
  
- 314 One Health (Online)
  
- 320 Wildlife and Rehabilitation
  
- 396 Advanced Equine Techniques
- 410 Advanced Clinical Techniques
  
- 411 Preventative and Shelter Medicine
  
- 430 Advanced Farm animal Nursing and Disease
- 441 Advanced Surgical Nursing
- 460 Advanced Research Animal Techniques
  
- 480 Advanced Primatology



## **Transfer to Four Year Degree Program or SUNY Delhi VT Bachelors of Science**

SUNY Delhi AAS VST enrolled students interested in transferring into the B.S. degree may do so by filling out a change of major form with their advisor during their final semester of the AAS program. Their grades will be reviewed upon completion of the AAS degree, and if the student meets the cumulative GPA of a 3.0 or higher, they will be transferred into the B.S. Degree program for the following semester.

Students from outside of SUNY Delhi interested in transferring into the B.S. Degree must have graduated from an AVMA Accredited Veterinary Science Technology Program with a GPA of 3.0 or higher, and have passed or be eligible to take the VTNE.



**SUNY Delhi Veterinary Science Technology Program  
Safety and Health Concerns Within the Veterinary Science Technology Program**

Working with animals always carries a risk of potential injury and exposure to zoonotic diseases. Due to the inherent hazards of working with animals and the procedures performed by veterinary technicians, students are expected to conduct themselves in a manner consistent with good safety practices. Working with animals of several species is a program requirement, and working in laboratories may pose certain medical, physical and chemical risks. Students will be performing laboratory procedures involving chemicals and specimens, and they should use caution and good laboratory practices when handling these items.

Students are reminded that pre-exposure rabies vaccination is **required** in the Veterinary Technology Program and, should a student be injured by any animal during the course of her/his study, the student must immediately report the incident to her/his primary course instructor and may be directed to Student Health Services for treatment. If the animal is a rabies suspect, further treatment including, but not necessarily limited to, post-exposure rabies vaccination may be required.

If any student is pregnant or plans to become pregnant during the course of the program, she is advised to consult with the primary course instructor(s) due to the use of anesthetic gases, exposure to zoonotic diseases, noxious chemicals and potential radiation exposure that may be experienced in laboratory courses.

Any student with further concerns should discuss possible risks with her/his personal physician, as well as with her/his advisor and the department chair, and identify limitations that may be needed.

***I have completely read, fully understand, and voluntarily accept the risks involved in working with animals in the Veterinary Technology Program. I understand that individual course instructors may have additional safety and health concerns explained in their course syllabi, which must also be read and followed along with this policy. I understand that animals are unpredictable and unforeseen circumstances could occur which may result in personal injury, and I agree to assume these risks. I further agree to hold harmless the State University of New York College at Delhi, its officers, directors, agents, employees, instructors, and associates from any and all manner of actions or claims arising out of my participation in this Program and do hereby waive any claim to compensation based upon exposure to the situations discussed in the course of this document.***

\_\_\_\_\_  
Student Signature    Print Name    D.O.B.    Age    Date

\_\_\_\_\_  
Faculty/Staff Signature    Print Name    Date

\_\_\_\_\_  
Parent or guardian signature if student under eighteen years of age



## **Student Understanding Veterinary Science Technology Program**

As a student enrolled in the Veterinary Technology program at SUNY Delhi, and as of the date entered below,

I \_\_\_\_\_ understand the following:  
(Print Your Name Here)

- Course Advancement Policy for Veterinary Technology Students
- Academic Probation Restrictions for Veterinary Technology Students
- Task List
- Student Standards including posting on social media
- Health Concerns & Rabies Vaccination Policy
- Technical Standards for Admission, Progression and Graduation
- Prerequisites
- I will read and refer to the Veterinary Technology Program handbook as needed.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_