

**Columbus State Community College – Associate
Associate of Applied Science (AAS) Degree
Major: Veterinary Technology to
Otterbein University**

**Bachelor of Science (BS) Degree, Major: Equine Veterinary Technology
Sample Plan of Study**

Required Courses for the AAS Degree in Veterinary Technology

FIRST SEMESTER

Course	Term	Credits	Milestones/Progress Check
VET1103 - Intro to Small Animal Medicine	AU	1.0	• Successful completion necessary to proceed with program in sequence.
VET1105 - Veterinary Parasitology	AU	2.0	
STAT1350 - Elementary Statistics	AU/SP/SU	3.0	• Essential skill mastery must be demonstrated by receiving a passing grade in exams.
BIO1121 - Anatomy and Physiology I	AU/SP/SU	4.0	Students should complete MATH 1146/1148 instead of STAT 1350 to meet AAS VET and Otterbein requirements.
BIO1122 - Anatomy & Physiology II	AU/SP/SU	4.0	
COLS1100 - First Year Experience Seminar	AU/SP/SU	1.0	
Semester Credits		15	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
VET1324 - Principles of Veterinary Radiology	AU/SP	1.0	• Essential skill mastery must be demonstrated by receiving a passing grade in exams.
VET1331 - Veterinary Anatomy & Physiology	SP	2.0	
VET1335 - Clinical Pathology I	SP	3.0	
VET1338 - Veterinary Surgical Techniques	SP	2.0	
VET1426 - Principles of Veterinary Anesthesia	AU/SP	2.0	
HIMT1121 - Advanced Medical Terminology	AU/SP/SU	2.0	
Semester Credits		12	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
VET1501 - Animal Nutrition	SU	1.0	• Successful completion required to proceed to VET 2535.
VET1502 - Laboratory and Exotic Animal Medicine	SU	1.0	
VET1533 - Clinical Application I	SP/SU	2.0	• Essential skill mastery must be demonstrated by receiving a passing grade in exams.
VET1536 - Small Animal Health & Disease	SU	2.0	• Essential skill mastery must be demonstrated by receiving a passing grade in practical exams.
BPS XXXX Biological and Physical Science Course (See List) - 4 credits required		4.0	• VET 1533 and all VET 1000 courses must be completed before practicum experiences.
ENGL1100 - Composition I	AU/SP/SU	3.0	• Essential skill mastery must be demonstrated by receiving a passing grade in exams.
Semester Credits		13	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
VET2535 - Clinical Pathology II	AU/SP	2.0	• Essential skill mastery must be demonstrated by receiving a passing grade in exams.
VET2562 - Veterinary Pharmacology	AU/SP	2.0	
VET2563 - Clinical Application II	AU/SP	2.0	
VET2566 - Large Animal Health and Disease	AU/SP/SU	2.0	
VET2599 - Clinical Application III	AU/SP	2.0	
BMGT2200 - Management & Organizational Behavior	AU/SP/SU	3.0	
Semester Credits		13	

FIFTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
VET2800 - Veterinary Seminar I	AU/SP	1.0	• Day-time availability required (VET 2900/2950).
VET2850 - VET Seminar II	AU/SP	1.0	
VET2900 - Veterinary Practicum I	AU/SP	2.0	Students should complete course work recommended in the NOTES section on page 2 for BPS XXXX, HUM XXXX, and SBS XXXX
VET2950 - Veterinary Practicum II	AU/SP	2.0	
HUM-XXXX (select from approved GE-HUM list)		3.0	
SBS-XXXX (select from approved GE-SBS list)		3.0	
Semester Credits		12	
TOTAL ACCUMULATED CREDITS		65	

Required Courses for the Bachelor of Science (BS) Degree, Major: Equine Veterinary Technology at Otterbein University

Year 1

Autumn Semester		Spring Semester	
EQSC 1100 Introduction to Equine Studies	3	INST 2200, 2400, <u>or</u> 2600/2800 (choose one)*	3
EQSC 1110 Basic Equine Skills Lab	1	EQSC 1200 Equine Anatomy & Physiology	3
TYS Transfer Year Seminar <u>or</u> FYS First Year Seminar	2-3	EQSC 1250 Equine Health Monitoring	3
INST 2200, 2400, <u>or</u> 2600/2800 (choose one)*	3	LFW Lifestyle, Fitness, and Wellness	1
EQSC 3200 Applied Equine Business Principles	3	General Elective	3
Total Hours	12-13	Total Hours	13

Year 2

Autumn Semester		Spring Semester	
EQSC 3000 Systems I	4	EQSC 3100 Systems II	4
EQSC 3020 Systems Seminar I	2	EQSC 3120 Systems Seminar II	2
EQSC 4000 Animal Nutrition (WI)	4	EQSC 3410 Service Learning	1
INST 2200, 2400, <u>or</u> 2600/2800 (choose one)*	3	EQSC 4100 Contemporary Issues (WI)	3
Elective in Disciplinary Skills	3	INST 3000 Integrative Seminar	3
		SYE 4103 Senior Year Experience	3
Total Hours	16	Total Hours	16

Notes about the Bachelor of Science (BS) Degree, Major: Equine Veterinary Technology at Otterbein University

- **AAS VET TECH ADMISSION CRITERIA:** Students are advised that the AAS Vet Tech program has entrance criteria and a separate program application that must be completed in the January prior to the entering autumn semester that the student wishes to begin the AAS Vet Tech clinical/practical course work. Students should follow this link to learn more about the entrance criteria and program application deadlines: <https://www.csc.edu/academics/departments/vet-tech/admission.shtml>
- At Otterbein, at least 36 credit hours of coursework must be taken in Otterbein classes. Of these hours: at least 9 credit hours must be taken in each of a student's majors at the 3000 level or above, at least 5 credit hours (any level) must be taken in each minor, and at least one INST 2XXX thread course, INST 3XXX, and an SYE course must be taken at Otterbein. Otterbein requires 120 credit hours to complete the bachelor's degree with an overall GPA of 2.0 or higher. Students must complete three writing intensive courses (WI) (ENGL 1100 plus two additional courses in the major at Otterbein). Students must also complete 8-9 hours of disciplinary skills development course work, including one course beyond college mathematics, one course in health and wellness (LFW course) and three courses from: language proficiency, oral and written communication, and experimental design/laboratory skills. Students may use their BPS XXXX course (see note below) for part of this requirement. Students should consult with their Otterbein academic advisor on how best to complete these courses.
- ***INST 2X00 Courses & HUM XXXX/SBS XXXX:** Students may complete INST 2200, 2400, and 2600/2800 in any order at Otterbein. Only one 2X00 course can remain to be taken with the INST 3000: Interdisciplinary Seminar. Students will complete INST 2000 (SBS XXXX elective- choose from ANTH 2202, GEOG 2400, or SOC 1101), and INST 2600 or 2800 (HUM XXXX elective- choose from HIST 1111, 1112, 1181, or 1182; HUM 1100; or MUS 1251) at Columbus State as part of the AAS degree. Students complete the remaining INST courses at Otterbein. Students should consult with their Otterbein advisor on how best to complete these courses.
- **MATH SUBSTITUTION:** Students should complete MATH 1146 or 1148 instead of STAT 1350 for their math requirement to meet Otterbein's college-level math general education requirement. MATH 1146 requires completion of MATH 1050 or MATH 1050 modules within MATH 1099 or placement through ALEKS or valid ACT/SAT scores. Placement into MATH 1148 is only via ALEKS placement or valid ACT/SAT scores. Students should consult with their VET faculty or academic advisor regarding this substitution.
- **BPS XXXX- Science courses for AAS VET:** Students should choose one course from BIO 1113, 1114; CHEM 1111, 1172, 1200; or PHYS 1200. Your choice may require prerequisites that need to be completed in math and/or other science prior to registering for one of these courses. For more information about prerequisites for these courses, please see your VET faculty advisor or an academic advisor. Choosing from one of the courses listed completes hours toward Otterbein's Disciplinary Skills requirement.