



The University of Vermont

Equine Science Option



Department of Animal and
Veterinary Sciences

The University of Vermont has the educational advantage of an *Equine Science Option* for Animal and Veterinary Sciences majors. This option is enhanced by utilization of the world renowned UVM Morgan Horse Farm in Weybridge, Vermont for specialized classes, and collaboration with the William H. Miner Agricultural Research Institute in Chazy, New York. This undergraduate option is based at the main campus in Burlington, Vermont, and awards a Bachelor of Science degree after the completion of four years of study.



UVM alum, Tim Hayes, an internationally recognized Natural Horsemanship Clinician, conducts a clinic in the Ellen A. Hardacre Center.

The educational mission of the Equine Science Option is to provide students with a broad-based curriculum with a solid science background. Specialized courses are offered on the care, management, breeding, and health of horses. Equine courses include *Lameness in Horses*, *Equine Reproduction Workshop*, *Horse Health and Disease*, *Intro to Equine Science*, *Equine Instructing Techniques*, *Special Problems in Equine Studies*, *Equine Enterprise Management*, *Equine Industry Issues*, and Equine Internships are also available. Additional courses in Animal Nutrition, Animal Anatomy and Physiology and Animal Genetics and Breeding are offered within the Department. The flexibility of an Animal and Veterinary Sciences program allows majors the opportunity to take courses in other colleges of the University that helps support their

individualized equine interests, such as photography, journalism, computer science, and business. It is also possible for students to take the Equine Option and go on to Veterinary School or Graduate School.

Horse facilities at the Miller Research Center on campus include the Ellen A. Hardacre Equine Center, a 22-stall barn, currently housing both student and university managed horses, an indoor arena, and outdoor ring and turnout areas. Students who wish to bring their horse to UVM can apply for a place in the Cooperative Horse Barn by sending in an application. Applications are available on the Animal and Veterinary Sciences website at (<http://asci.uvm.edu/horsebarn/>). The student cooperative barn and EQUUS programs give students hands-on stable management and decision making experience in running a real life boarding facility.

The UVM Intercollegiate Equestrian Team rides at Imajica Farm in Williston, Vermont, near the UVM Campus. A club sport, members are chosen at riding tryouts and compete with other colleges in the UVM region/zone. For more information contact coach Madeline Austin at info@imajica.net or visit their website at <http://www.imajica.net/uvm-team/>.

The UVM Dressage Team rides at UVM's Ellen A. Hardacre Center. A club sport, the Dressage Team gives riders interested in dressage the opportunity to compete at the interscholastic level. For more information, contact Coach Bonnie Timmerman at foxhornfarmvt@aol.com. The UVM Morgan Horse Farm has a close association with the UVM Equine Science Option by providing laboratory experience, research projects and outreach opportunities. Outreach opportunities, such as a yearly Reproduction Workshop, Vermont Day Open House, and clinics offer participants a variety of information on breeding, foaling, and training and management techniques. The Morgan Horse Farm alone, through its guided tours and slide show, educates approximately 50,000 visitors a year about the Morgan breed, its history, and horses in general.



UVM Integrity and UVM Sentinel at the Morgan Horse Farm in Weybridge, VT.

Through the Equine Science Option, the UVM Morgan Horse Farm and the University's affiliation with the W.H. Miner Agricultural Institute, the University of Vermont offers students outstanding educational opportunities in both the technical and applied areas of the equine sciences. More course information related to the Equine Science Option is available in the current online UVM undergraduate catalogue at <http://www.uvm.edu/catalogue/>.



UVM Student Melissa Terry demonstrating longlining of a Morgan gelding.

EQUUS

EQUUS is a hands-on horse management course modeled after the very successful student dairy management course, *CREAM (Cooperative for Real Education in Management)*. Students sign up for one or two semesters, (4 or 8 total credits) to perform the horse barn duties, keep records, and help make financial and management decisions associated with a horse boarding facility. *EQUUS* students are assigned horses to manage and exercise, in addition to daily horse chores.

Who is the course appropriate for?

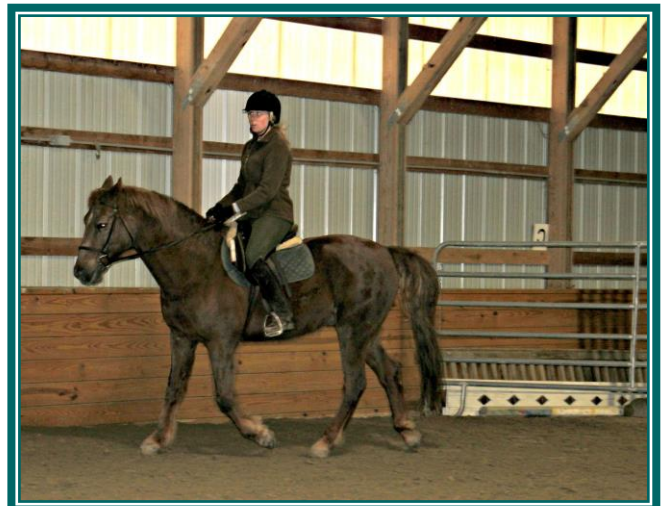
- Those students seeking employment in the equine industry.
- Pre-veterinary students seeking hands-on management experience with horses.
- Those students with a vocational interest in horses.

Students meet weekly to discuss and explore other areas of equine management not experienced at the UVM Horse Barn. Each *EQUUS* member researches, prepares and presents a semester-long project related to equine management. In addition, individual reports are required in various areas of equine management. The success of this program and the UVM Horse Barn depends on the commitment of *EQUUS* members to perform responsibly and cooperatively to make this student -run horse facility work.

Two semesters are not required, but are recommended. Sophomore or higher standing is recommended and instructor permission is required. Add this hands-on management skill experience to your resume. For more information about *EQUUS* and the Equine Science Option in Animal and Veterinary Sciences, contact:

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Ellen A. Hardacre Equine Center **In-door Equine Arena** **22 Stall Barn**



**This wonderful facility was made possible by the generous
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EQUINE SCIENCE OPTION - This option is designed for the individual whose career goals are in the horse industry. Listed below are required courses for each equine option. These elective credits are in addition to the required ASCI courses and the CALS requirements.

All Equine Science students are strongly encouraged to take the following core equine courses:

	Credits	Semester taken
ASCI 115 Introduction to Equine Studies	4	_____
ASCI 117 Horse Health & Disease	3	_____
ASCI 121 EQUUS (one or two semesters)	4-8	_____
ASCI 208 Equine Industry Issues	3	_____
ASCI 108 Equine Enterprise Management	3	_____
ASCI 221 Lameness in Horses	4	_____

And one of the following:

ASCI 195/196 Field Experience	.5-15	_____
ASCI 197/198 Undergraduate Research	1-15	_____
ASCI 298 Special Problems	1-15	_____

Other Equine Options:

ASCI 097/098 Horse Barn Coop	1	_____
ASCI 118 Applied Animal Health	3	_____
ASCI 125 Equine Instructing Techniques	3	_____
ASCI 143 Forage and Pasture Management	3	_____
ASCI 191/192 Horse Barn Exec. Committee	1	_____
ASCI 298 Equine Reproduction Workshop	1	_____

Other Electives:

CDAE 061 Prin of Community Development	3	_____
CDAE 166 Intro to Community Entrepreneurship	3	_____
CDAE 167 Fin Mgmt: Comm. Entrepreneurs	3	_____
CDAE 168 Marketing: Comm. Entrepreneurs	3	_____
(taught alternate years)		
PSS 161 Fundamentals of Soil Science	3	_____
EDPE 23 Amer. Red Cross Emergency Response	3	_____

A Minor in CALS Community Entrepreneurship in CDAE is also suggested.

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The University of Vermont Horse Barn

The UVM Horse Barn is a *cooperative* barn for UVM students. The barn consists of 13 student stalls sized 10' x 12', a heated tack-room with built in tack boxes, a hayloft for the storage of extra equipment, a 72' x 168' rubber and dirt indoor arena, a 100' x 200' sand outdoor arena, and white rope electric fenced paddocks for turnout. There are 5 ASCI stalls filled with horses used in our classes. The UVM Dressage Team has 4 horses occupying the remaining stalls.

The Horse Barn, the CREAM Barn, and the UVM Barns all embody the UVM Farm. Some classes are even held at the farm for the Department of Animal and Veterinary Sciences. Everyone will be expected to behave in an appropriate manner consistent with an educational facility. Please note that the UVM Farm is open to the public daily.

Members of the UVM Horse Barn are expected to do the following:

- Take complete care of their horses (i.e. clean stalls, set up feed, clean and refill water buckets) or find a responsible person to do it when they are unable to come to the barn. (Morning and evening feeders are provided).
- Do the general barn chores, which are shared between all barn members on a rotating basis.
- Everyone signs up for at least three hours of *horse watch* per week (someone must be present at the barn while the horses are turned out).
- Sign up for *weekend watches*, usually three per semester. These are four-hour *horse watch* blocks on the weekend days that are shared by all barn members on a rotating basis.
- Complete seven days of vacation watch during school breaks and holidays. Vacation watch is done with a partner and is shared by all members on a rotating basis.
- Attend all barn meetings (no more than one meeting per week).
- Attend all *workdays*, when general maintenance is done at the barn.
- Sign up for *night check* every week, when barn members check horses every night. *Night check* is done with a partner and is shared by all barn members on a rotating basis.
- The UVM Horse Barn puts on several events for the community, which barn members are required to attend. These events include *Halloween Barn*, *Homecoming Weekend*, and Easter Egg Hunt.

As a rough guide, in addition to all of the previous obligations, most barn members spend an average of two hours a day at the barn. Please honestly evaluate whether or not you can make this commitment before applying to the UVM Horse Barn.

Please visit <http://asci.uvm.edu/horsebarn/> to learn more about the barn as well as access the UVM Horse Barn Application.