

EQUINE SCIENCE, B.TECH.

Major Code: 1321

This degree offering focuses on developing and enhancing the management and horsemanship skills of students at all levels. As students progress through the degree, they will select one of the following options as a specialization: equine science and management (hunt seat, western, or draft concentration); breeding management; equine rehabilitation and therapy; or equine business management. The program concludes with a semester of work internship or international exchange program in which students work in real-world businesses outside of the college to complete the degree requirements.

The strengths of the Equine Science Program are mainly twofold: first in the range of courses, which offers ample practical experience in handling horses and provides the student with the opportunity to concentrate on breeding, training, nutrition, and management specifically with horses, rather than with a generalized group of livestock. The second strength of the program is the quality of the faculty, staff and facilities available to the student. The college has two 100-foot by 200-foot indoor arenas, an 80-foot by 264-foot indoor riding arena, two 100-foot by 200-foot outdoor arenas, a half-mile racing track, three horse barns, a 34,000 square foot breeding and training facility, four hot walkers, Eurociser, paddocks, and all of the associated equipment and supplies necessary for a suitable educational experience. The SUNY Morrisville Equine Rehabilitation Center (SUNY Morrisville ERC) facility includes a 22,000 square foot rehabilitation center building with classroom and administrative offices, a large rehabilitation treatment area, and ten stalls. Additionally, a 31-stall barn for Equine Rehab client over-flow, the Draft and Driving Horse Program, and a 140 by 300 foot indoor arena are also located at this facility. Therapeutic modalities available at the Equine Rehabilitation Center include aquatic therapies (underwater treadmill, cold salt water spa therapy, indoor swimming pool), therapeutic ultrasound, laser therapy (Class IIIB), cold compression therapy, solariums, and therapeutic exercises.

Faculty and staff have a broad range of industry experience, including licensure by the United States Trotting Association and/or New York State Racing and Wagering Board as trainers and/or drivers, certification for specific technical areas, and are carded judges for various breed organizations including AQHA, NRHA, and APHA. The college also has intercollegiate riding teams (hunt seat and western) and state-of-the-art equipment in all facets of the program.

All of the above provide for an industry-ready and quality equine education.

Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate safe procedures, sound judgment and critical thinking skills in human and horse interactions when handling on the ground, astride or driving.
- Further develop and be able to evaluate proper body position and effective use of seat, leg, hands and/or voice aids for ground-handling, riding or driving.
- Conduct the necessary research, analysis, evaluation, and critical thinking skills required of equine management and demonstrate the ability to develop a well-organized approach to address common problems related to equine training and management.

- Utilize an understanding of equine behavior and to develop trained responses in project horses.
- Develop a balanced ration by evaluating potential feedstuff and utilize the principles of nutrition to meet the needs of horses that is commensurate with varied uses and workloads.
- Apply the principles and techniques of modern equine reproduction and evaluate current breeding management practices to improve breeding efficiency.
- Utilize a systematic method of evaluating conformation and observing performance to accurately gauge individual improvement and to make qualified comparisons between horses.
- Develop and implement health management practices and skills to recognize signs of lameness and a fundamental understanding of treatment therapies.
- Develop a positive, confident outlook and a responsible work ethic that is likely to attract success as an equine professional.
- Develop sound ethical principles and judgment when dealing with employers, employees, and clients.
- Demonstrate the ability to develop and implement a business plan for a small to moderate-sized horse establishment.

Curriculum Requirements

A minimum of 120 credits is required for degree completion.

Equine Science & Management Option

Code	Title	Credits
Required Option Courses		
Select one or both of the following:		2-4
ERID 102	Intermediate Equitation	
	or ERID 104 Advanced Equitation	
ERID 109	Intermediate Equitation Hunt Seat	
	or ERID 110 Advanced Equitation Hunt Seat	
Select one or any of the following:		1-4
ERID 103	Inter. Western Equitation II	
	or ERID 105 Adv Western Equitation II	
ERID 111	Intermediate Hunt Seat	
	or ERID 112 Advanced Hunt Seat	
ESCI 170	Draft Horse Management	
Select one of the following:		4
ERID 240	Intro Train Hunters & Jumpers	
ERID 250	Breaking And Training	
& ERID 200	and Western Riding ¹	
ERID 255	Intermed Breaking & Training	4
	or ERID 260 Inter Training Hunters Jumpers	
200 Level ERID Electives as advised:		2
ERID 210	English Dressage	
ERID 220	Western Dressage ²	
	or ERID 210 English Dressage	
ERID 300	Adv. Equine Specialization I	4
ERID 350	Advanced Equine Special II	4
ERID 400	Adv Equine Specialization III	4
Required CORE Courses		
AGBS 100	Agricultural Economics	3
AGBS 240	Farm Management and Finance	4
AGRO 110	Soil Science	3

or ENSC 101	Agricultural Science	
ESCI 110	Equine Anatomy & Physiology	3
ESCI 130	Equine & Stable Management	3
ESCI 140	Equine Judging	2
ESCI 150	Farm Practicum I Equine	2
ESCI 151	Farm Practicum II (Equine)	2
Computer Literacy Requirement		2-3
Select one of the following options:		
Option 1:		
CITA 101	Principles Computer Apps	
Option 2:		
OFFT 110	Introduction to MS Excel	
OFFT 100	Introduction to MS Word	
or OFFT 109	Introduction to MS PowerPoint	
ESCI 210	Equine Nutrition	3
ESCI 235	Fitting And Marketing-Equine	1
ESCI 305	Equine Reproduction/Mgt	3
ESCI 312	Equine Health & Lameness	3
Select one of the following:		3
ACCT Accounting Elective as advised		
AGBS 250	Decision Making for Ag Manager	
AGRO 310	Pasture Mgt and Forages Prod	3
AGSC 350	Animal Genetics	3
ESCI 310	Applied Equine Nutrition	3
ESCI 315	Equine Business Management	3
ESCI 450	Equine Sci Intern Orientation	1
ESCI 420	Equine Internship	15
Required SUNY General Education Courses		
SUNY General Education Communication Written and Oral as advised 3-6		
SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised 3		
SUNY General Education Mathematics as advised 3		
Additional SUNY General Education credits as advised 9-12		
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
Suggested Electives as Advised		
Select from the following: 11		
ERID 330	Equine Instruction Methodology	
ESCI 225	Equine Artificial Insemination	
ESCI 300	Internship In Equine Husbandry	
ESCI 313	Lab in Equine Health Lameness	
ESCI 335	Equine Aquatic Therapies	
ESCI 360	Intro to Equine Medications	
ESCI 410	Equine Exercise Physiology	
Additional courses in AGBS, AGEN, BSAD, ESCI, and/or ERID		
Total Credits		119-131

1

ERID 200 Western Riding required for Western Specialization, elective for others.

2

ERID 220 Western Dressage for Western Specialization

Equine Business Management Option

Code	Title	Credits
Required Option Courses		
100-200 Lower Division coursework selected from ERID, ESCI, AGSC, BSAD as advised		14
300-400 Upper Division coursework selected from list below:		12
AGBS 305	Ag Financial Decision Making	
AGBS 350	Ag Business Development	
AGBS 400	Distribution/Mkt Ag Products	
AGBS 405	Farm & Rural Mngt Capstone	
AGBS 410	Ag Human Resource Management	
AGBS 450	Ag Policy & Development	
AGBS 460	International Ag Marketing	
AGBS 480	Retailing Agriculture Products	
BSAD 300	Management Communications	
BSAD 310	Human Resource Management	
BSAD 320	Entrepreneurship	
BSAD 325	Marketing Management	
BSAD 327	Advertising Management	
BSAD 329	Consumer Behavior	
BSAD 330	Lead/Manage Family Business	
BSAD 408	Responsible Business Ownership	
BSAD 411	Leadership in Organizations	
Required CORE Courses		
AGBS 100	Agricultural Economics	3
AGBS 240	Farm Management and Finance	4
AGRO 110	Soil Science	3
ESCI 110	Equine Anatomy & Physiology	3
or ENSC 101	Agricultural Science	
ESCI 130	Equine & Stable Management	3
ESCI 140	Equine Judging	2
ESCI 150	Farm Practicum I Equine	2
ESCI 151	Farm Practicum II (Equine)	2
Computer Literacy Requirement		2-3
Select one of the following options:		
Option 1:		
CITA 101	Principles Computer Apps	
Option 2:		
OFFT 110	Introduction to MS Excel	
OFFT 100	Introduction to MS Word	
or OFFT 109	Introduction to MS PowerPoint	
ESCI 210	Equine Nutrition	3
ESCI 235	Fitting And Marketing-Equine	1
ESCI 305	Equine Reproduction/Mgt	3
ESCI 312	Equine Health & Lameness	3
Select one of the following:		3
ACCT Accounting Elective as advised		
AGBS 250	Decision Making for Ag Manager	
AGRO 310	Pasture Mgt and Forages Prod	3
AGSC 350	Animal Genetics	3
ESCI 310	Applied Equine Nutrition	3
ESCI 315	Equine Business Management	3

ESCI 450	Equine Sci Intern Orientation	1
ESCI 420	Equine Internship	15
Required SUNY General Education Courses		
SUNY General Education Communication Written and Oral as advised 3-6		
SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised 3		
SUNY General Education Mathematics as advised 3		
Additional SUNY General Education credits as advised 9-12		
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
Suggested Electives as Advised		
Select from the following: 11		
ERID 350	Advanced Equine Special II	
ESCI 225	Equine Artificial Insemination	
ESCI 300	Internship In Equine Husbandry	
ESCI 313	Lab in Equine Health Lameness	
ESCI 335	Equine Aquatic Therapies	
ESCI 360	Intro to Equine Medications	
ESCI 410	Equine Exercise Physiology	
Additional courses in AGBS, AGEN, BSAD, ESCI, and/or ERID		
Total Credits		120-127

Breeding Management Option

Code	Title	Credits
Required Option Courses		
Select one or both of the following: 2-4		
ERID 102	Intermediate Equitation	
or ERID 104 Advanced Equitation		
ERID 109	IntermediateEquitationHuntSeat	
or ERID 110 Advanced Equitation Hunt Seat		
Select one or any of the following: 1-4		
ERID 103	Inter. Western Equitation II	
or ERID 105 Adv Western Equitation II		
ERID 111	Intermediate Hunt Seat	
or ERID 112 Advanced Hunt Seat		
ESCI 170	Draft Horse Management	
ERID 250	Breaking And Training	3-4
or ERID 240 Intro Train Hunters & Jumpers		
ESCI 225	Equine Artificial Insemination	1
ESCI 320	Equine Young Stock Management	1
ESCI 340	Equine Promotion & Sales	3
ERID 350	Advanced Equine Special II	4
ESCI 400	Adv Equine Reproduction/Mgt	4
General Electives as advised 7		
Required CORE Courses		
AGBS 100	Agricultural Economics	3
AGBS 240	Farm Management and Finance	4
AGRO 110	Soil Science	3
or ENSC 101 Agricultural Science		
ESCI 110	Equine Anatomy & Physiology	3
ESCI 130	Equine & Stable Management	3
ESCI 140	Equine Judging	2

ESCI 150	Farm Practicum I Equine	2
ESCI 151	Farm Practicum II (Equine)	2
Computer Literacy Requirement 2-3		
Select one of the following options:		
Option 1:		
CITA 101	Principles Computer Apps	
Option 2:		
OFFT 110		
OFFT 100	Introduction to MS Word	
or OFFT 109 Introduction to MS PowerPoint		
ESCI 210	Equine Nutrition	3
ESCI 235	Fitting And Marketing-Equine	1
ESCI 305	Equine Reproduction/Mgt	3
ESCI 312	Equine Health & Lameness	3
Select one of the following: 3		
ACCT Accounting Elective as advised		
AGBS 250	Decision Making for Ag Manager	
AGRO 310	Pasture Mgt and Forages Prod	3
AGSC 350	Animal Genetics	3
ESCI 310	Applied Equine Nutrition	3
ESCI 315	Equine Business Management	3
ESCI 450	Equine Sci Intern Orientation	1
ESCI 420	Equine Internship	15

Required SUNY General Education Courses		
SUNY General Education Communication Written and Oral as advised 3-6		
SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised 3		
SUNY General Education Mathematics as advised 3		
Additional SUNY General Education credits as advised 9-12		
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
Suggested Electives as Advised		
Select from the following: 11		
ERID 330	Equine Instruction Methodology	
ESCI 300	Internship In Equine Husbandry	
ESCI 313	Lab in Equine Health Lameness	
ESCI 335	Equine Aquatic Therapies	
ESCI 360	Intro to Equine Medications	
ESCI 410	Equine Exercise Physiology	
Additional courses in AGBS, AGEN, BSAD, ESCI, and/or ERID		
Total Credits		120-133

Equine Rehabilitation & Therapy Option

Code	Title	Credits
Required Option Courses		
Select one or both of the following: 2-4		
ERID 102	Intermediate Equitation	
or ERID 104 Advanced Equitation		
ERID 109	IntermediateEquitationHuntSeat	
or ERID 110 Advanced Equitation Hunt Seat		
Select one or any of the following: 1-4		
ERID 103	Inter. Western Equitation II	

or ERID 105	Adv Western Equitation II	
ERID 111	Intermediate Hunt Seat	
or ERID 112	Advanced Hunt Seat	
ESCI 170	Draft Horse Management	
Select one of the following:		3-4
ERID 250	Breaking And Training	
ERID 240	Intro Train Hunters & Jumpers	
ESCI 313	Lab in Equine Health Lameness	1
ESCI 335	Equine Aquatic Therapies	2
ESCI 345	Advanced Equine Anatomy	2
ESCI 370	Concepts for Diagnosis	1
ESCI 380	Equine Rehab Therapies	3
ESCI 405	Problems and Diseases	2
ESCI 430	Clinical Application	4

Required CORE Courses

AGBS 100	Agricultural Economics	3
AGBS 240	Farm Management and Finance	4
AGRO 110	Soil Science	3
ESCI 110	Equine Anatomy & Physiology	3
ESCI 130	Equine & Stable Management	3
ESCI 140	Equine Judging	2
ESCI 150	Farm Practicum I Equine	2
ESCI 151	Farm Practicum II (Equine)	2

Computer Literacy Requirement 2-3

Select one of the following options:

Option 1:

CITA 101 Principles Computer Apps

Option 2:

OFFT 110 Introduction to MS Excel

OFFT 100 Introduction to MS Word

or OFFT 109 Introduction to MS PowerPoint

ESCI 210	Equine Nutrition	3
ESCI 235	Fitting And Marketing-Equine	1
ESCI 305	Equine Reproduction/Mgt	3
ESCI 312	Equine Health & Lameness	3

Select one of the following: 3

ACCT Accounting as advised

AGBS 250 Decision Making for Ag Manager

AGRO 310	Pasture Mgt and Forages Prod	3
AGSC 350	Animal Genetics	3
ESCI 310	Applied Equine Nutrition	3
ESCI 315	Equine Business Management	3
ESCI 450	Equine Sci Intern Orientation	1
ESCI 420	Equine Internship	15

Required SUNY General Education Courses

SUNY General Education Communication Written and Oral as advised 3-6

SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised 3

SUNY General Education Mathematics as advised 3

Additional SUNY General Education credits as advised 9-12

Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages

Suggested Electives as Advised

Select from the following: 11

ERID 255	Intermed Breaking & Training	
ERID 260	Inter Training Hunters Jumpers	
ERID 330	Equine Instruction Methodology	
ESCI 225	Equine Artificial Insemination	
ESCI 300	Internship In Equine Husbandry	
ESCI 350	Advanced Equine Aqua Therapies	
ESCI 360	Intro to Equine Medications	
ESCI 390	Current Research in Rehab	
ESCI 410	Equine Exercise Physiology	

Additional courses in AGBS, AGEN, BSAD, ESCI, and/or ERID

Total Credits 115-128

Suggested Course Sequence

Equine Science & Management Option

Course	Title	Credits
Year 1		
Fall		
ESCI 130	Equine & Stable Management	3
ESCI 150	Farm Practicum I Equine	2
AGBS 100	Agricultural Economics (Equine)	3
AGRO 110	Soil Science	3
or ENSC 101	or Agricultural Science	
SUNY General Education Communication Written and Oral as advised		3
Select one or both of the following:		2-4
ERID 102	Intermediate Equitation	
or ERID 104	or Advanced Equitation	
ERID 109	Intermediate Equitation Hunt Seat	
or ERID 110	or Advanced Equitation Hunt Seat	
Credits		16-18
Spring		
ESCI 110	Equine Anatomy & Physiology	3
ESCI 151	Farm Practicum II (Equine)	2
ESCI 140	Equine Judging	2
SUNY General Education as advised		3
SUNY General Education Mathematics as advised		3
Select one or all of the following:		1-4
ERID 103	Inter. Western Equitation II	
or ERID 105	or Adv Western Equitation II	
ERID 111	Intermediate Hunt Seat	
or ERID 112	or Advanced Hunt Seat	
ESCI 170	Draft Horse Management	
Credits		14-17
Year 2		
Fall		
ESCI 210	Equine Nutrition	3
ESCI 235	Fitting And Marketing-Equine	1
AGBS 240	Farm Management and Finance	4
SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised		3
ERID 240	Intro Train Hunters & Jumpers	3-4
or ERID 250	or Breaking And Training	
ERID 200	Western Riding (required for Western specialization)	1
CITA or OFFT Computer Literacy Credits as advised		2-3
Credits		17-19
Spring		
ESCI 305	Equine Reproduction/Mgt	3
ESCI 312	Equine Health & Lameness	3
SUNY General Education as advised		3

Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
ERID 255 or ERID 260	Intermed Breaking & Training or Inter Training Hunters Jumpers	4
General Elective as advised		2-3
Credits		15-16
Year 3		
Fall		
AGRO 310	Pasture Mgt and Forages Prod	3
ESCI 310	Applied Equine Nutrition	3
ESCI 315	Equine Business Management	3
ERID 300	Adv. Equine Specialization I	4
Credits		13
Spring		
AGSC 350	Animal Genetics	3
ESCI 450	Equine Sci Intern Orientation	1
ERID 350	Advanced Equine Special II	4
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
General Electives as advised		4
Credits		15
Year 4		
Fall		
AGBS 250	Decision Making for Ag Manager (or ACCT Elective as advised)	3
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
ERID 400	Adv Equine Specialization III	4
General Electives as advised		4
Credits		14
Spring		
ESCI 420	Equine Internship	15
Credits		15
Total Credits		119-127

Equine Business Management Option

Course	Title	Credits
Year 1		
Fall		
ESCI 130	Equine & Stable Management	3
ESCI 150	Farm Practicum I Equine	2
AGBS 100	Agricultural Economics (Equine)	3
AGRO 110 or ENSC 101	Soil Science or Agricultural Science	3
SUNY General Education Communication Written and Oral as advised		3
Credits		14
Spring		
ESCI 110	Equine Anatomy & Physiology	3
ESCI 151	Farm Practicum II (Equine)	2
SUNY General Education as advised		3
SUNY General Education Mathematics as advised		3
ESCI 140	Equine Judging	2
General Electives as advised		3
Credits		16
Year 2		
Fall		
ESCI 210	Equine Nutrition	3
ESCI 235	Fitting And Marketing-Equine	1
AGBS 240	Farm Management and Finance	4
CITA or OFFT Computer Literacy Credits as advised		2-3

SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised		3
General Electives as advised		3
Credits		16-17
Spring		
ESCI 305	Equine Reproduction/Mgt	3
ESCI 312	Equine Health & Lameness	3
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
General Electives as advised		6
Credits		15
Year 3		
Fall		
AGRO 310	Pasture Mgt and Forages Prod	3
ESCI 310	Applied Equine Nutrition	3
ESCI 315	Equine Business Management	3
300-400 AGBS or BSAD Upper Division Courses as advised		3
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
Credits		15
Spring		
AGSC 350	Animal Genetics	3
ESCI 450	Equine Sci Intern Orientation	1
300-400 AGBS or BSAD Upper Division Courses as advised		6
General Electives as advised		4
Credits		14
Year 4		
Fall		
AGBS 250	Decision Making for Ag Manager (or ACCT Accounting Elective as advised)	3
300-400 AGBS or BSAD Upper Division Course as advised		3
General Elective as advised		3
BIOL /CHEM as Advised		4
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
Credits		16
Spring		
ESCI 420	Equine Internship	15
Credits		15
Total Credits		121-122

Breeding Management Option

Course	Title	Credits
Year 1		
Fall		
ESCI 130	Equine & Stable Management	3
ESCI 150	Farm Practicum I Equine	2
AGBS 100	Agricultural Economics (Equine)	3
AGRO 110 or ENSC 101	Soil Science or Agricultural Science	3
SUNY General Education Communication Written and Oral as advised		3
Select one or both of the following:		2-4
ERID 102 or ERID 104	Intermediate Equitation or Advanced Equitation	
ERID 109 or ERID 110	Intermediate Equitation Hunt Seat or Advanced Equitation Hunt Seat	
Credits		16-18
Spring		
ESCI 110	Equine Anatomy & Physiology	3
ESCI 151	Farm Practicum II (Equine)	2

ESCI 140	Equine Judging	2
SUNY General Education as advised		3
SUNY General Education Mathematics as advised		3
Select one or all of the following:		1-4
ERID 103 or ERID 105	Inter. Western Equitation II or Adv Western Equitation II	
ERID 111 or ERID 112	Intermediate Hunt Seat or Advanced Hunt Seat	
ESCI 170	Draft Horse Management	
Credits		14-17
Year 2		
Fall		
ESCI 210	Equine Nutrition	3
ESCI 235	Fitting And Marketing-Equine	1
AGBS 240	Farm Management and Finance	4
ERID 250 or ERID 240	Breaking And Training or Intro Train Hunters & Jumpers	3-4
CITA or OFFT Computer Literacy Credits as advised		2-3
SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised		3
Credits		16-18
Spring		
ESCI 305	Equine Reproduction/Mgt	3
ESCI 312	Equine Health & Lameness	3
ESCI 225	Equine Artificial Insemination	1
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
General Electives as advised		6
Credits		16
Year 3		
Fall		
AGRO 310	Pasture Mgt and Forages Prod	3
ESCI 310	Applied Equine Nutrition	3
ESCI 315	Equine Business Management	3
ESCI 320	Equine Young Stock Management	1
ESCI 340	Equine Promotion & Sales	3
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
Credits		16
Spring		
AGSC 350	Animal Genetics	3
ESCI 450	Equine Sci Intern Orientation	1
ESCI 400	Adv Equine Reproduction/Mgt	4
General Electives as advised		5
Credits		13
Year 4		
Fall		
AGBS 250	Decision Making for Ag Manager (or ACCT Elective as advised)	3
ERID 350	Advanced Equine Special II	4
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
General Electives as advised		4
Credits		14
Spring		
ESCI 420	Equine Internship	15
Credits		15
Total Credits		120-127

Equine Rehabilitation & Therapy Option

Course	Title	Credits
Year 1		
Fall		
ESCI 130	Equine & Stable Management	3
ESCI 150	Farm Practicum I Equine	2
AGBS 100	Agricultural Economics (Equine)	3
AGRO 110 or ENSC 101	Soil Science or Agricultural Science	3
SUNY General Education Communication Written and Oral as advised		3
Select one or both of the following:		2-4
ERID 102 or ERID 104	Intermediate Equitation or Advanced Equitation	
ERID 109 or ERID 110	Intermediate Equitation Hunt Seat or Advanced Equitation Hunt Seat	
Credits		16-18
Spring		
ESCI 110	Equine Anatomy & Physiology	3
ESCI 151	Farm Practicum II (Equine)	2
ESCI 140	Equine Judging	2
SUNY General Education as advised		3
SUNY General Education Mathematics as advised		3
Select one or any of the following:		1-4
ERID 103 or ERID 105	Inter. Western Equitation II or Adv Western Equitation II	
ERID 111 or ERID 112	Intermediate Hunt Seat or Advanced Hunt Seat	
ESCI 170	Draft Horse Management	
Credits		14-17
Year 2		
Fall		
ESCI 210	Equine Nutrition	3
ESCI 235	Fitting And Marketing-Equine	1
AGBS 240	Farm Management and Finance	4
ERID 240 or ERID 250	Intro Train Hunters & Jumpers or Breaking And Training	3-4
CITA or OFFT Computer Literacy Credits as advised		2-3
SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised		3
Credits		16-18
Spring		
ESCI 305	Equine Reproduction/Mgt	3
ESCI 312	Equine Health & Lameness	3
ESCI 313	Lab in Equine Health Lameness	1
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
General Electives as advised		5
Credits		15
Year 3		
Fall		
AGRO 310	Pasture Mgt and Forages Prod	3
ESCI 310	Applied Equine Nutrition	3
ESCI 315	Equine Business Management	3
ESCI 335	Equine Aquatic Therapies	2
ESCI 345	Advanced Equine Anatomy	2
ESCI 370	Concepts for Diagnosis	1
Credits		14
Spring		
AGSC 350	Animal Genetics	3
ESCI 450	Equine Sci Intern Orientation	1
BIOL /CHEM as Advised		4
ESCI 380	Equine Rehab Therapies	3

SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
General Electives as advised		4
Credits		18
Year 4		
Fall		
AGBS 250	Decision Making for Ag Manager (or ACCT Elective as advised)	3
ESCI 430	Clinical Application	4
ESCI 405	Problems and Diseases	2
SUNY General Education as advised		3
Select from the following categories: Humanities, Social Science, US History & Civic Engagement, World History & Global Awareness, World Languages		
General Electives as advised		4
Credits		16
Spring		
ESCI 420	Equine Internship	15
Credits		15
Total Credits		124-131