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 31stall 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 groundhandling, 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 C	Courses	
Select one or both	n 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:	4
ERID 240	Intro Train Hunters & Jumpers	
ERID 250 & ERID 200	Breaking And Training and Western Riding ¹	
ERID 255	Intermed Breaking & Training	4
or ERID 260	Inter Training Hunters Jumpers	
200 Level ERID Ele	ectives 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 Co	ourses	
AGBS 100	Agricultural Economics	3
AGBS 240	Farm Management and Finance	4
AGRO 110	Soil Science	3

1

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
	cy Requirement	2-3
	e 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 10	09 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 th	e following:	3
ACCT Accour	nting 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 E	ducation Communication Written and Oral as advi	sed 3-6
SUNY General E Justice as advis	ducation Diversity, Equity, Inclusion and Social ed	3
SUNY General E	ducation Mathematics as advised	3
Additional SUN	/ General Education credits as advised	9-12
Science, US I	he following categories: Humanities, Social History & Civic Engagement, World History & Globa Vorld Languages	I
Suggested Elect	tives as Advised	
Select from the	5	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	
A 1 1'1' 1	urses in AGBS, AGEN, BSAD, ESCI, and/or ERID	

C	ode	Title C	redits
R	equired Option C	Courses	
	0-200 Lower Div SAD as advised	vision coursework selected from ERID, ESCI, AGSC	;, 14
30	0-400 Upper Div	vision 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	Aq 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 323 BSAD 327	Advertising Management	
	BSAD 327 BSAD 329	Consumer Behavior	
	BSAD 329 BSAD 330	Lead/Manage Family Business	
	BSAD 330 BSAD 408	Responsible Business Ownership	
	BSAD 400 BSAD 411	Leadership in Organizations	
D	equired CORE Co		
	GBS 100	Agricultural Economics	3
	GBS 240	Farm Management and Finance	4
	GRO 110	Soil Science	3
	SCI 110	Equine Anatomy & Physiology	3
L.	or ENSC 101	Agricultural Science	5
E	SCI 130	Equine & Stable Management	3
	SCI 130	Equine Judging	2
	SCI 140	Farm Practicum I Equine	2
	SCI 150	Farm Practicum I (Equine)	2
	omputer Literacy		2-3
		•	2-3
	otion 1:	following options:	
U	CITA 101	Dringinlag Computer Appa	
0		Principles Computer Apps	
U	otion 2:	Introduction to MS Excel	
	OFFT 110		
	OFFT 100	Introduction to MS Word	
F		Introduction to MS PowerPoint	2
_	SCI 210	Equine Nutrition	3
	SCI 235	Fitting And Marketing-Equine	1
	SCI 305	Equine Reproduction/Mgt	3
	SCI 312	Equine Health & Lameness	3
50	elect one of the f		3
		ng Elective as advised	
	AGBS 250	Decision Making for Ag Manager	0
	GRO 310	Pasture Mgt and Forages Prod	3
A	GSC 350	Animal Genetics	3

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Equine Business Management Option

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

ESCI 310

ESCI 315

Applied Equine Nutrition

Equine Business Management

2

ERID 220 Western Dressage for Western Specialization

ESCI 450	Equine Sci Intern Orientation	1
ESCI 420	Equine Internship	15
Required SUNY G	eneral Education Courses	
SUNY General Edu	ucation Communication Written and Oral as ad	vised 3-6
SUNY General Edu Justice as advise	ucation Diversity, Equity, Inclusion and Social d	3
SUNY General Edu	ucation Mathematics as advised	3
Additional SUNY	General Education credits as advised	9-12
	e following categories: Humanities, Social story & Civic Engagement, World History & Glol ırld Languages	bal
Suggested Electiv	ves as Advised	
Select from the fo	llowing:	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 cour	rses in AGBS, AGEN, BSAD, ESCI, and/or ERID	
Total Credits		120-127
Deservice Mars		
•	agement Option	
Code	Title	Credits
Required Option C		
Select one or both		2-4
ERID 102	Intermediate Equitation	
	Advanced Equitation	
ERID 109	IntermediateEquitationHuntSeat	
	Advanced Equitation Hunt Seat	
Select one or any		1-4
ERID 103	Inter. Western Equitation II	
	Adv Western Equitation II	
ERID 111	Intermediate Hunt Seat	
	Advanced Hunt Seat	
ESCI 170	Draft Horse Management	0.4
ERID 250 or ERID 240	Breaking And Training	3-4
ESCI 225	Intro Train Hunters & Jumpers	1
ESCI 225	Equine Artificial Insemination	1
ESCI 320	Equine Young Stock Management Equine Promotion & Sales	3
ERID 350	Advanced Equine Special II	3
ESCI 400	Advanced Equine Special II Adv Equine Reproduction/Mgt	4
General Electives		4
Required CORE Co		1
AGBS 100	Agricultural Economics	3
AGBS 240	Farm Management and Finance	4
AGBS 240 AGRO 110	Soil Science	4
or ENSC 101	Agricultural Science	5
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 Literac	y 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 Account	ing 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 G	eneral Education Courses	
SUNY General Ed	ucation Communication Written and Oral as advise	ed 3-6
	ucation Diversity, Equity, Inclusion and Social	3
Justice as advise		
	ucation Mathematics as advised	3
	General Education credits as advised	9-12
	e following categories: Humanities, Social story & Civic Engagement, World History & Global	
	orld Languages	
Suggested Electiv	· ·	
Select from the fo		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 course	s in AGBS, AGEN, BSAD, ESCI, and/or ERID	
Total Credits		0-133
Equine Rehab	ilitation & Therapy Option	
Code	Title C	redits
Required Option (Courses	
Select one or both	n 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
EDID 102	Inter Western Equitation II	

	Adv Western Equitation II	
ERID 111	Intermediate Hunt Seat	
	Advanced Hunt Seat	
ESCI 170	Draft Horse Management	
Select one of the f	5	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 Co		
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 f	ollowing 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 f	following:	3
ACCT Accounti	ng 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 G	eneral Education Courses	
SUNY General Edu	ication Communication Written and Oral as advise	ed 3-6
SUNY General Edu Justice as advised	ication Diversity, Equity, Inclusion and Social	3
SUNY General Edu	ication Mathematics as advised	3
Additional SUNY (General Education credits as advised	9-12
	following categories: Humanities, Social story & Civic Engagement, World History & Global rld Languages	

Suggest	ed Elective	s as Advised	
Select fr	om the foll	owing:	11
ERID	255 I	ntermed Breaking & Training	
ERID	260 I	nter Training Hunters Jumpers	
ERID	330 E	Equine Instruction Methodology	
ESCI 2	225 E	Equine Artificial Insemination	
ESCI 3	300 l	nternship In Equine Husbandry	
ESCI 3	350 A	Advanced Equine Aqua Therapies	
ESCI 3	360 I	ntro to Equine Medications	
ESCI 3	390 C	Current Research in Rehab	
ESCI 4	410 E	Equine Exercise Physiology	
Addition	al courses	in AGBS, AGEN, BSAD, ESCI, and/or ERID	
Total Cre	edits		115-128
		Course Sequence & Management Option	
Course		Title	Credits
Year 1			
Fall			
ESCI 130		Equine & Stable Management	3
ESCI 150		Form Practicum Equipo	2

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 or ERID 110	IntermediateEquitationHuntSeat 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 fol	lowing:	1-4
ERID 103 or ERID 105	Inter. Western Equitation II 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 or ERID 250	Intro Train Hunters & Jumpers or Breaking And Training	3-4
ERID 200	Western Riding (required for Western specialization)	1
CITA or OFFT Computer L	iteracy 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	, World History & Global Awareness, World Languages Intermed Breaking & Training	4
or ERID 260	or Inter Training Hunters Jumpers	
General Elective as ad	lvised	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 Educat	ion as advised	3
	llowing categories: Humanities, Social Science, US History & , World History & Global Awareness, World Languages	
General Electives as a	dvised	4
	Credits	15
Year 4		
Fall		
AGBS 250	Decision Making for Ag Manager (or ACCT Elective as advised)	3
SUNY General Educat	ion as advised	3
	ring categories: Humanities, Social Science, US History & orld History & Global Awareness, World Languages	
ERID 400	Adv Equine Specialization III	4
General Electives as a	dvised	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 advis	sed	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 L	iteracy Credits as advised	2-3

General Electives a	as advised	
	Credits	16-1
Spring		
ESCI 305	Equine Reproduction/Mgt	
ESCI 312	Equine Health & Lameness	
SUNY General Edu	cation as advised	
	e following categories: Humanities, Social Science, US History & ent, World History & Global Awareness, World Languages	
General Electives a	as advised	
	Credits	1
Year 3		
Fall		
AGRO 310	Pasture Mgt and Forages Prod	
ESCI 310	Applied Equine Nutrition	
ESCI 315	Equine Business Management	
300-400 AGBS or E	SAD Upper Division Courses as advised	
SUNY General Edu	cation as advised	
	e following categories: Humanities, Social Science, US History & ent, World History & Global Awareness, World Languages	
	Credits	1
Spring		
AGSC 350	Animal Genetics	
ESCI 450	Equine Sci Intern Orientation	
300-400 AGBS or E	SAD Upper Division Courses as advised	
General Electives a	as advised	
	Credits	1
Year 4		
Fall		
AGBS 250	Decision Making for Ag Manager (or ACCT Accounting Elective as advised)	
300-400 AGBS or E	SAD Upper Division Course as advised	
General Elective as	advised	
BIOL /CHEM as Ad	vised	
SUNY General Edu	cation as advised	
	e following categories: Humanities, Social Science, US History & ent, World History & Global Awareness, World Languages	
Spring	Credits	1
Spring ESCI 420	Equine Internship	1
2001 720	Credits	1
	Total Credits	121-12

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 C	Communication Written and Oral as advised	3
Select one or both of the fe	ollowing:	2-4
ERID 102 or ERID 104	Intermediate Equitation or Advanced Equitation	
ERID 109 or ERID 110	IntermediateEquitationHuntSeat 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		3
SUNY General Education	n Mathematics as advised	3
Select one or all of the fe	ollowing:	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	n 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		3
	wing categories: Humanities, Social Science, US History & /orld History & Global Awareness, World Languages	
General Electives as adv	vised	6
	Credits	16
Year 3	Credits	16
Year 3 Fall	Credits	16
Fall	Credits Pasture Mgt and Forages Prod	
		3
Fall AGRO 310 ESCI 310	Pasture Mgt and Forages Prod	3
Fall AGRO 310 ESCI 310	Pasture Mgt and Forages Prod Applied Equine Nutrition	3
Fall AGRO 310 ESCI 310 ESCI 315	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management	3 3 3 1
Fall AGRO 310 ESCI 310 ESCI 315 ESCI 320 ESCI 320	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales	3 3 3 1 3
Fall AGRO 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales	3 3 3 1 3
Fall AGRO 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales n as advised wing categories: Humanities, Social Science, US History &	3 3 3 1 3 3 3
Fall AGRO 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo Civic Engagement, W Spring	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales n as advised wing categories: Humanities, Social Science, US History & Vorld History & Global Awareness, World Languages Credits	3 3 1 3 3 3 3 3
Fall AGRO 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo Civic Engagement, W Spring AGSC 350	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales as advised wing categories: Humanities, Social Science, US History & Vorld History & Global Awareness, World Languages Credits Animal Genetics	3 3 3 1 3 3 3 3 7 6
Fall AGRO 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo Civic Engagement, W Spring AGSC 350 ESCI 450	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales as advised wing categories: Humanities, Social Science, US History & Vorld History & Global Awareness, World Languages Credits Animal Genetics Equine Sci Intern Orientation	3 3 3 1 3 3 3 3 7 16 3 3 1
Fall AGRO 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo Civic Engagement, W Spring AGSC 350 ESCI 450 ESCI 400	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales as advised wing categories: Humanities, Social Science, US History & Vorld History & Global Awareness, World Languages Credits Animal Genetics Equine Sci Intern Orientation Adv Equine Reproduction/Mgt	3 3 3 1 3 3 3 3 3 3 1 6 3 3 1 1 4
Fall AGRO 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo Civic Engagement, W Spring AGSC 350 ESCI 450	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales n as advised wing categories: Humanities, Social Science, US History & Vorld History & Global Awareness, World Languages Credits Animal Genetics Equine Sci Intern Orientation Adv Equine Reproduction/Mgt	3 3 1 3 3 3 3 3 3 1 6 3 1 1 4 5
Fall AGRO 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo Civic Engagement, W Spring AGSC 350 ESCI 450 ESCI 400 General Electives as adv	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales as advised wing categories: Humanities, Social Science, US History & Vorld History & Global Awareness, World Languages Credits Animal Genetics Equine Sci Intern Orientation Adv Equine Reproduction/Mgt	3 3 1 3 3 3 3 3 3 1 6 3 1 1 4 5
Fall AGR0 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo Civic Engagement, W Spring AGSC 350 ESCI 450 ESCI 400 General Electives as adv Year 4	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales n as advised wing categories: Humanities, Social Science, US History & Vorld History & Global Awareness, World Languages Credits Animal Genetics Equine Sci Intern Orientation Adv Equine Reproduction/Mgt	3 3 1 3 3 3 3 3 3 1 6 3 1 1 4 5
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Fall AGR0 310 ESCI 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo Civic Engagement, W Spring AGSC 350 ESCI 450 ESCI 400 General Electives as adv Year 4 Fall AGBS 250	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales n as advised wing categories: Humanities, Social Science, US History & Vorld History & Global Awareness, World Languages Credits Animal Genetics Equine Sci Intern Orientation Adv Equine Reproduction/Mgt rised Credits Decision Making for Ag Manager (or ACCT Elective as advised)	3 3 3 1 3 3 3 3 1 6 3 3 1 4 4 5 13 3 3
Fall AGR0 310 ESCI 310 ESCI 310 ESCI 315 ESCI 320 ESCI 340 SUNY General Education Select from the follo Civic Engagement, W Spring AGSC 350 ESCI 450 ESCI 400 General Electives as adv Year 4 Fall AGBS 250 ERID 350	Pasture Mgt and Forages Prod Applied Equine Nutrition Equine Business Management Equine Young Stock Management Equine Promotion & Sales n as advised wing categories: Humanities, Social Science, US History & World History & Global Awareness, World Languages Credits Animal Genetics Equine Sci Intern Orientation Adv Equine Reproduction/Mgt rised Decision Making for Ag Manager (or ACCT Elective as advised) Advanced Equine Special II	3 3 3 1 3 3 3 3 16 3 16 3 11 4 4 5 5 13 3 3 4
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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	Soil Science	3	
or ENSC 101	or Agricultural Science		
SUNY General Education C	Communication Written and Oral as advised	3	
Select one or both of the following:			
ERID 102 or ERID 104	Intermediate Equitation or Advanced Equitation		
ERID 109 or ERID 110	IntermediateEquitationHuntSeat 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 a		3	
SUNY General Education N		3	
Select one or any of the fo	llowing:	1-4	
ERID 103	Inter. Western Equitation II		
or ERID 105 ERID 111	or Adv Western Equitation II 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	
ERID 240 or ERID 250	Intro Train Hunters & Jumpers or Breaking And Training	3-4	
CITA or OFFT Computer Lit	teracy Credits as advised	2-3	
SUNY General Education D	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 a	s advised	3	
	ng categories: Humanities, Social Science, US History & rld History & Global Awareness, World Languages		
General Electives as advise		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		
	e following categories: Humanities, Social Science, US History & ent, World History & Global Awareness, World Languages	
General Electives a	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 Edu	cation as advised	3
	lowing categories: Humanities, Social Science, US History & World History & Global Awareness, World Languages	
General Electives a	as advised	4
	Credits	16
Spring		
ESCI 420	Equine Internship	15
	Credits	15
	Total Credits	124-131