UCONN
EQUINE SCIENCE & MANAGEMENT

Equine Science and Management Sample Four-Year Plan

This document is an **example** schedule for planning purposes only and is meant to be a guide for students and advisors. 120 credits total are needed to complete degree. For official degree information, refer to Degree Audit and speak with your advisor.

Year 1 Fall

Course Title	Credits
ANSC 1001 Introduction to Animal Science	3 Credits
ANSC 1347 Stable Management	4 Credits
or ANSC 3551 Equine Training 1 - Foundations	2 Credits
BIOL 1107 Principles of Biology 1	4 Credits
ENGL 1007 Seminar & Studio in Writing	4 Credits
UNIV 1810 Animal Science Learning Community	1 Credit
Total Credits:	14-16

Year 1 Spring

Course Title	Credits
ANSC 1347 Stable Management	4 Credits
or ANSC 3551 Equine Training 1 - Foundations	2 Credits
BIOL 1108 Principles of Biology 2	4 Credits
MATH or STAT Course	4 Credits
B Course or TOI Course or ANSC Elective	3 Credits
Total Credits:	13-15

Year 2 Fall

Course Title	Credits
PATH 2100 Anatomy & Physiology of Animals	4 Credits
ANSC 2251 Horse Science	3 Credits
CHEM 1122 Chem. Principles & Applications	4 Credits
or CHEM 1127Q General Chemistry 1	4 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
Total Credits:	17

Year 2 Spring

Course Title	Credits
ANSC 3194 Careers in Animal Science	1 Credit
ANSC 3452 Horse Breeding Farm Management	3 Credits
ANSC 4457 Methods of Instruction	3 Credits
CHEM or MATH or STAT Course	3-4 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
Total Credits:	16-17

Year 3 Fall

Course Title	Credits
ANSC 3121 Principles of Animal Genetics	3 Credits
CHEM or MATH or STAT Course	3-4 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
Total Credits:	15-17

Year 3 Spring

Course Title	Credits
ANSC 3411 Equine Nutrition	4 Credits
PATH 2720 Med. Microbio: Viruses & Parasites	4 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
Total Credits:	17

Year 4 Fall

Course Title	Credits
ANSC C Course and W* or Elective	3-4 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
Total Credits:	15-16

Year 4 Spring

Course Title	Credits
ANSC C Course and W* or Elective	3-4 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
B Course or TOI Course or ANSC Elective	3 Credits
Total Credits:	15-16

*W course must be taken with corresponding C course.

All courses in Group A must be completed.
One course from each of Group B-1, B-2, and B-3 must be completed plus one more from any of the B subgroups (4 total classes).
Once course from Group C with W must be completed.

Equine Science and Management Sample Four-Year Plan

Group	Course	Title	Credits	Offered	Prerequisites
A	ANSC 1001	Introduction to Animal Science	3	Fall	
A	ANSC 1347	Stable Management	4	Fall/Spring	Take during first year
A	ANSC 2251	Horse Science	3	Fall	
A	ANSC 3121	Principles of Animal Genetics	3	Fall	BIOL 1108
A	ANSC 3411	Equine Nutrition	4	Spring	ANSC 1111
A	ANSC 3452	Horse Breeding Farm Management	3	Spring	ANSC 2251
A	ANSC 3551	Equine Training 1 – Foundations	2	Fall/Spring	
A	ANSC 3457	Methods of Equine Instruction	3	Spring	
A	BIOL 1107	Principles of Biology 1	4	Fall/Spring	
A	BIOL 1108	Principles of Biology 2	4	Fall/Spring	
A	ENGL 1007	Seminar & Studio Writing & Multimodal Composition	4	Fall/Spring	
A	MATH or STAT	One MATH or STAT Course	3-4	Fall/Spring	
A	PATH 2720	Medical Microbio: Viruses & Parasites	4	Fall/Spring	BIOL 1107 or Equivalent
A	PATH 2100	Anatomy & Physiology of Animals	4	Fall	BIOL 1107 or Equivalent
A	CHEM 1122 or CHEM 1127Q	Chemical Principles and Applications or General Chemistry 1	4	Fall/Spring	
A	CHEM 2241 or CHEM 2243	Organic Chemistry	4	Fall/Spring	CHEM 1122, 1124Q, 1127Q, 1137Q or 1147Q; CHEM 1128Q, 1138Q, 1148Q, or 1126Q
B-1	AHNR 4500	Leadership Development in Extension Education	3	Spring	
B-1	AIRF 2000	Team and Leadership Fundamentals	1	Fall	
B-1	AIRF 2200	Team and Leadership Fundamentals	1	Spring	
B-1	AIRF 3000	Leading People & Effective Comm.	3	Fall	AIRF 1200 and AIRF 2200
B-1	AIRF 3200	Leading People & Effective Comm.	3	Spring	AIRF 3000
B-1	BADM 3740	Managerial & Interpersonal Behavior	3	Fall/Spring	
B-1	COMM 1000	The Process of Communication	3	Fall/Spring	
B-1	COMM 1100	Principles of Public Speaking	3	Fall/Spring	
B-1	COMM 2100	Professional Communication	3	Fall/Spring	
B-1	COMM 2200	Professional Communication	3	Fall/Spring	COMM 1000
B-2	ARE 1150	Principles of Applied & Resource Econ.	3	Fall	
B-2	ARE 2150	Intermediate Applied & Resource Econ.	3	Fall/Spring	See Course Catalog
B-2	ARE 2215	Business Management	3	Spring	
B-2	ARE 3221	Managerial Econ. & Business Strategies	3	Spring	See Course Catalog
B-2	ARE 3322	Marketing and Consumer Behavior	3	Fall	ARE 1150 or ECON 1200 or ECON 1201
B-2	BADM 2234	The Entrepreneurial Journey	3	Fall/Spring	
B-2	BADM 2237	Personal Brand Management	3	Fall/Spring	
B-3	ACCT 2001	Principles of Financial Accounting	3	Fall/Spring	
B-3	ARE 2210	Essentials of Accounting and Business	3	Fall	
B-3	ARE 3225	Price Analysis and Futures Trading	3	Spring	ARE 1150 or ECON 1200 or ECON 1201; STAT 1000Q or 1100Q or equivalent.
B-3	ARE 4215	Sustainable Business Planning	3	Spring	See Course Catalog
B-3	ARE 4217	Business Finance & Investment Mgmt.	3	Spring	ARE 1150 or ECON 1200 or 1201
B-3	ARE 4438E	Valuing the Environment	3	Spring	ARE 1150 or ECON 1200 or ECON 1201
B-3	BADM 2101	Principles of Managerial Accounting	3	Fall/Spring	ACCT 2001
B-3	BADM 2235	Personal Financial Literacy	3	Spring	
C	ANSC 3311/12W	Comparative Exercise Physiology	4	Spring	Juniors or Higher; PATH 2100 or PNB 2265 or 2275
C	ANSC 3313/14W	Growth Bio. & Metab. in Dom. Livestock	4	Fall	Juniors or Higher
C	ANSC 3316/17W	Endocrinology of Farm Animals	4	Spring	Juniors or Higher
C	ANSC 3323/24W	Animal Embryology & Biotechnology	4	Fall	Juniors or Higher
C	ANSC 4311/12W	Advanced Animal Nutrition	4	Fall	ANSC 1111; Juniors or Higher
Elective	ANSC 1602	Behavior and Training of Dom. Animals	3	Spring	ANSC 1001 Recommended
Elective	ANSC 2699	Independent Study	1-6	Fall/Spring	
Elective	ANSC 3194	Career Paths in Animal Science	1	Spring	
Elective	ANSC 3457	Advanced Broodmare & Foal Mgmt.	2	Spring	ANSC 3452
Elective	ANSC 3552	Equine Training 2 – Backing	2	Spring	Intermediate Riding Skills
Elective	ANSC 3553	Equine Training 3 – Advanced	2	Fall	Advanced Riding Skills
Elective	ANSC 3554	Equine Sports Rehab. Practicum	2	Fall/Spring	ANSC 3551
Elective	ANSC 3555	Equine Rehab. Seminar	1	Fall	
Elective	PATH 2301	Health & Disease Mgmt. of Animals	3	Spring	BIOL 1107