

ADVS Major, Equine Science and Management Emphasis Plan

Courses required and recommended for meeting Bachelor of Science degree graduation requirements in the Equine Science and Management Emphasis within the Animal, Dairy and Veterinary Sciences major are shown below.

Successful completion of a bachelor's degree program in the ADVS Department requires that a very close student-academic advisor relationship be established and continued through each student's bachelor's degree program. Each student must take the responsibility of establishing this close working relationship with his or her advisor. Doing this soon after a student's acceptance into the department can keep academic problems to a minimum.

Freshman Year

Fall Semester

ADVS 1110 Introduction to Animal Science.....	4
ADVS 1500 Fundamentals of Equine Science and Management	2
ADVS 1600 ⁵ Riding Fundamentals I	2
ADVS 1920 New Student Orientation	1
ADVS 2190 Horse Production Practices.....	2
MATH 1050 (QL) College Algebra.....	4

Spring Semester

ADVS 2600 ^{1,5} Riding Fundamentals II—Western (2 cr) or ADVS 2650 ^{1,5} Riding Fundamentals II—Hunter (2 cr).....	2
BIOL 1010 (BLS) ² Biology and the Citizen	3
ENGL 1010 (CL1) Introduction to Writing: Academic Prose	3
STAT 1040 (QL) Introduction to Statistics	3
University Studies Breadth Courses.....	3

Sophomore Year

Fall Semester

ADVS 2300 Horse Health Care I.....	3
CHEM 1110 (BPS) ³ General Chemistry I	4
Three University Studies Breadth Courses	9

Spring Semester

ADVS 2200 Anatomy and Physiology of Animals.....	4
ADVS 2310 Horse Health Care II.....	3
CHEM 1120 (BPS) ³ General Chemistry II	4
Directed Elective Course	3

Junior Year

Fall Semester

ADVS 3100 Equine Evaluation I.....	2
ADVS 3500 Animal Nutrition	4
ADVS 3600 Equine Behavior and Training	2
Two Directed Elective Courses.....	9

Spring Semester

ADVS 3000 Animal Health and Hygiene	3
ADVS 3520 Equine Nutrition	1
ENGL 2010 (CL2) Intermediate Writing: Research Writing in a Persuasive Mode.....	3
Two Directed Elective Courses.....	6
University Studies Depth Course.....	3

Senior Year

Fall Semester

ADVS 4270 Internship in Equine Industry.....	3
ADVS 4300 Leadership and Teaching Techniques I	3
ADVS 4560 (QI) Principles of Animal Breeding.....	3
ADVS 4920 (CI) Undergraduate Seminar	2
Two Directed Elective Courses.....	6

Spring Semester

ADVS 4200 (CI) Physiology of Reproduction and Lactation	4
ADVS 4310 Leadership and Teaching Techniques II	3
ADVS 5190 Horse Management.....	3
Directed Elective Course	3
University Studies Depth Course.....	3

Directed Electives

Students must choose four courses from the following:

ADVS 2600 ^{1,5} Riding Fundamentals II—Western (Sp).....	2
ADVS 2650 ^{1,5} Riding Fundamentals II—Hunter (F).....	2
ADVS 3690 Advanced Equine Handling and Training Techniques (Sp,Su)	2
ADVS 3910 ST: Advanced Horsemanship Skills (F,Sp,Su).....	1-5
ADVS 3910 ST: Horseshoeing (Su)	3
ADVS 5030 Sustainable Agricultural Production Systems with Animals (F).....	3
ADVS 5530 Nutritional Management of Farm Animals (Sp odd).....	3
ADVS 5860 Poisonous Range Plants Affecting Livestock (Sp even).....	3
PSC 2010 (BPS) Soils, Waters, and the Environment (Sp)	3
PSC 4320 Forage Production and Pasture Ecology (F even)	3
WILD 4000 Principles of Rangeland Management (Sp).....	3

Students must choose four courses from the following list:

ACCT 2010 ⁴ Financial Accounting Principles (F,Sp,Su)	3
APEC/ECN 2010 (BSS) ⁴ Introduction to Microeconomics (F,Sp,Su)	3
APEC 3010 (DSS) ⁴ Introduction to Agricultural Economics and Agribusiness (Sp)	3
APEC 3020 (DSS) ⁴ Firm Finance and Records Analysis (Sp)	3
APEC 5010 (QI) Firm Marketing and Price Analysis (F)	3
BUS 3400 (QI) Finance Fundamentals	3
BUS 3500 Marketing Principles.....	3
BUS 3700 Operations Management Fundamentals.....	3
ECN 3010 (DSS) Managerial Economics (F,Sp)	3
MGT 2050 Legal and Ethical Environment of Business (F,Sp,Su)	3
MGT 3110 (DSS) Managing Organizations and People (F,Sp,Su).....	3

¹Students must choose one course from the following: ADVS 2600 or 2650.

²Students may take BIOL 1610 and 1620 if they desire to pursue a postbaccalaureate degree.

³Students may take CHEM 1210, 1215, 1220, and 1225 if they desire to pursue a postbaccalaureate degree.

⁴Students may obtain an Agribusiness Management Minor by taking APEC/ECN 2010; APEC 3010, 3020; ECN 1500 (BAI); and ACCT 2010.

⁵Transfer student requirements: In order to receive credit for ADVS 1600, 2600, or 2650, the student must have received a grade of C or higher in the transfer course, and must demonstrate riding competency to the instructor of record.