

UConn | COLLEGE OF AGRICULTURE, HEALTH AND NATURAL RESOURCES

ANIMAL SCIENCE B.S. MAJOR SAMPLE SEQUENCE OF COURSES

UConn Graduation Requirements - including major and general education requirements (Content Areas: 1, 2, 3 and 4, Writing, Quantitative, *Foreign Language and Environmental Literacy) - are found at catalog.uconn.edu.

Students normally average 15 credits per semester over a 4-year period (fall/spring only) to meet the 120 academic credits required.

FIRST YEAR

FALL

ANSC 1001	3
BIOL 1107	4
ENGL 1007 or 1010	4
UNIV 1810	1
GEN ED COURSE	3

Total credits: 14-15

SPRING

ANSC 1111	3
BIOL 1108	4
GEN ED/CHEM/MATH/STAT	3-4
GEN ED/CHEM/MATH/STAT	3-4
GEN ED COURSE	3

Total credits: 14-16

SECOND YEAR

FALL

PATH 2100	4
ANSC 3121	4
CHEM/MATH/STAT	3-4
ANSC ELECTIVE (Group B/C)	3
GEN ED COURSE	3

Total credits: 14-15

SPRING

ANSC 3122	4
ANSC 3194	1
CHEM/ANSC ELECTIVE (Group B/C)	3-4
CHEM/ANSC ELECTIVE (Group B/C)	3-4
GEN ED COURSE	3

Total credits: 14-16

THIRD YEAR (If considering [Education Abroad](#), the Spring semester of the junior year is recommended in some majors).

FALL

ANSC ELECTIVE (Group B/C)	3-4
ANSC ELECTIVE (Group B/C)	3-4
CHEM	3-4
GEN ED COURSE or ELECTIVE	3
GEN ED COURSE or ELECTIVE	3

Total credits: 15-16

SPRING

ANSC ELECTIVE (Group B/C)	3-4
ANSC ELECTIVE (Group B/C)	3-4
CHEM	3
GEN ED COURSE	3
GEN ED COURSE OR ELECTIVE	3

Total credits: 15-17

FOURTH YEAR

FALL

ANSC W OR ANSC ELECTIVE	1-3
ANSC ELECTIVE (Group B/C)	3-4
ANSC ELECTIVE (Group B/C)	3-4
2000-LEVEL RELATED OR ELECTIVE	3
2000-LEVEL RELATED OR ELECTIVE	3

Total credits: 15

SPRING

ANSC W OR ANSC ELECTIVE	1-3
ANSC ELECTIVE (Group B/C)	3-4
ANSC ELECTIVE (Group B/C)	3-4
2000-LEVEL RELATED OR ELECTIVE	3
2000-LEVEL RELATED OR ELECTIVE	3
ELECTIVE	3

Total Credits: 15-16

*Required if student has not met the University requirement of three years of a single foreign language in high school. Students can elect to enroll in *Summer/Winter sessions*. Course options can be found at summerwinter.uconn.edu. Students interested in [Education Abroad](#) should discuss options (semester, winter or summer) with major advisor.

- All courses in Group A1 must be completed.
- Options exist for Group A-2 (General and Organic Chemistry) depending on the student's interest area.
- One course from each of Group A-3, Group B, and Group C must be completed.
- Additionally, one course from either Group B or Group C must be completed.
- A single class cannot be used to satisfy more than one degree requirement.

GROUP A COURSES LISTED BY SEMESTER

GROUP A1			
FALL:		SPRING:	
ANSC 1001	3	ANSC 1111	3
ANSC 3121	3	ANSC 3122	4
PATH 2100	4	ANSC 3194	1
FALL AND SPRING			
BIO 1107 AND 1108			4

GROUP A2	
GENERAL CHEMISTRY:	
CHEM 1122 OR 1127Q	
OR CHEM 1124Q AND 1125Q	
ORGANIC CHEMISTRY:	
CHEM 2241 OR 2443 AND 2444	

GROUP A3	
FALL AND SPRING:	
MCB 2000	
MCB 2610	
SPRING:	
ANSC 4341	

GROUP B and C COURSES LISTED BY SEMESTER:

GROUP B			
FALL:		SPRING:	
ANSC 2251	3	ANSC 2251	3
ANSC 3261	3	ANSC 2271	3
ANSC 3272	3	ANSC 3272	3
ANSC 3273	4		

GROUP C				
FALL:		SPRING:		SUMMER:
ANSC 3313	3	ANSC 3311	3	ANSC 3343 3
ANSC 3323	3	ANSC 3316	3	
ANSC 3343	3	ANSC 3641	3	
ANSC 4311	3	ANSC 4341	3	

W Requirement requires at least one writing-intensive course in the major. All ANSC Group C courses have an associated W course. In addition, students can complete ANSC 4662W, a 3-credit course taught in Spring semester.

ADDITIONAL COURSES BY AREAS OF INTEREST

The following courses are recommended for specific interests. Note that completion of additional courses beyond those recommendations will be necessary to meet University requirements. Courses listed are by semester offered. Courses are listed in semester order to incorporate pre-requisite requirements. Note when pre-requisites are not required, more flexibility in semester scheduling is possible.

PRE-VET/PRE-GRAD Interest Recommended Courses by semester*:

It is recommended for this area of interest, students complete the following courses early in their academic career: ENGL 1007 or 1010, CHEM course sequences (see below), and UNIV 1810 ANSC Learning Community.

* Check with advisor or the [VMCAS website](#) for requirements of particular veterinary schools

FALL Semester Courses:

COMM 1100	3	1 st Year
MATH 1131Q	4	1 st Year
STAT 1100Q	4	1 st Year
PHYS 1201Q	4	2 nd Year
PHYS 1202Q	4	2 nd Year
MCB 2610	4	3 rd Year
ANSC 3313	3	3 rd or 4 th Year
ANSC 3323	3	3 rd or 4 th Year
MCB 2000	4	4 th Year

SPRING Semester Courses:

COMM 1100	3	1 st Year
MATH 1131Q	4	1 st Year
STAT 1100Q	4	1 st Year
PHYS 1201Q	4	2 nd Year
PHYS 1202Q	4	2 nd or 3 rd Year
MCB 2610	4	3 rd Year
ANSC 3311	3	3 rd or 4 th Year
ANSC 3316	3	3 rd or 4 th Year

General Chemistry: CHEM 1124Q, 1125Q, and 1126Q, **or** CHEM 1127Q and 1128Q,
Organic Chemistry: CHEM 2443, 2444, and 2445

EQUINE Interest Recommended Courses by semester:

It is recommended for this area of interest, students complete the following courses early in their academic career: ENGL 1007 or 1010, CHEM course (1122 and 2241), and UNIV 1810 ANSC Learning Community.

FALL Semester Courses:

MATH 1030Q	3	1 ST Year
PSYC 1100	3	1 st Year
ANSC 2251	3	2 nd Year
ANSC 3551	2	2 nd Year
PSYC 3201	3	2 nd Year
ANSC 3453	1	2 nd or 3 rd Year
ARE 3215	3	3 rd Year
ANSC 3455	2	3 rd or 4 th Year
ANSC 3553	2	3 rd or 4 th Year
ANSC 3273	4	3 rd or 4 th Year
ANSC 3554	2	3 rd or 4 th Year
ANSC 3555	1	3 rd or 4 th Year

SPRING Semester Courses:

MATH 1030Q	3	1 st Year
PSYC 1100	3	1 st Year
ANSC 1602	3	1 st Year
ANSC 2251	3	2 nd Year
ANSC 3551	2	2 nd Year
ANSC 3552	2	2 nd or 3 rd Year
PSYC 3201	3	2 nd Year
ANSC 3453	1	2 nd or 3 rd Year
PATH 2301	3	2 nd Year
ANSC 3452	3	2 nd or 3 rd Year
ARE 3215	3	3 rd Year
ANSC 3311	3	3 rd or 4 th Year
ANSC 3454	2	3 rd or 4 th Year
ANSC 3456	2	3 rd or 4 th Year
ANSC 3457	2	3 rd or 4 th Year
ANSC 3553	2	3 rd or 4 th Year
ANSC 4457	2	4 th Year

FOOD SCIENCE Interest Recommended Courses by semester:

It is recommended for this area of interest, students complete the following courses early in their academic career: ENGL 1007 or 1010, CHEM course sequences (check with advisor), and UNIV 1810 ANSC Learning Community.

FALL Semester Courses:

NUSC 1167	3	1 st or 2 nd Year
ANSC 3343	3	3 rd or 4 th Year
ANSC 3695	3	3 rd or 4 th Year
STAT 1100Q	4	1 st Year
MCB 2000	4	3 rd Year
MCB 2610	4	3 rd Year
NUSC 3233	3	3 rd or 4 th Year

SPRING Semester Courses:

STAT 1100Q	4	1 st Year
ANSC 1645	3	1 st or 2 nd Year
MCB 2000	4	3 rd Year
MCB 2610	4	3 rd Year
ANSC 3318	3	3 rd or 4 th Year
ANSC 3641	3	3 rd or 4 th Year
ANSC 5618	3	3 rd or 4 th Year

BUSINESS Interest Recommended Courses by semester:

It is recommended for this area of interest, students complete the following courses early in their academic career: ENGL 1007 or 1010, CHEM course (1122 and 2241), and UNIV 1810 ANSC Learning Community.

FALL Semester Courses:

ECON 1202	3	1 st Year
MATH 1070Q	3	1 st Year
COMM 1100	3	1 st Year
STAT 1100Q	4	1 st Year
ARE 1150	3	1 st or 2 nd Year
ECON 1201	3	1 st or 2 nd Year
MATH 1071Q	3	1 st or 2 nd Year
ACCT 2001	3	2 nd or 3 rd Year
ARE 3215	3	3 rd Year
ARE 3225	3	3 rd or 4 th Year
MKTG 3101	3	3 rd Year

SPRING Semester Courses:

ECON 1202	3	1 st Year
MATH 1070Q	3	1 st Year
COMM 1100	3	1 st Year
STAT 1100Q	4	1 st Year
ARE 1150	3	1 st or 2 nd Year
ECON 1201	3	1 st or 2 nd Year
MATH 1071Q	3	1 st or 2 nd Year
ACCT 2001	3	2 nd or 3 rd Year
ARE 3215	3	3 rd Year
MKTG 3101	3	3 rd Year
MGMT 3101	3	3 rd Year

BUSINESS Interest Recommended Courses by semester:

It is recommended for this area of interest, students complete the following courses early in their academic career: ENGL 1007 or 1010, CHEM course (1122 and 2241), and UNIV 1810 ANSC Learning Community.

BLAW 3175	3	3 rd Year	BLAW 3671	3	3 rd Year
MGMT 3101	3	3 rd Year	ARE 3260	3	3 rd or 4 th Year
ARE 3221	3	3 rd or 4 th Year			
ARE 4217	3	3 rd or 4 th Year			
ARE 4275	3	3 rd or 4 th Year			

BIOTECHNOLOGY Interest Recommended Courses by semester:

It is recommended for this area of interest, students complete the following courses early in their academic career: ENGL 1007 or 1010, CHEM course sequences (check with advisor), and UNIV 1810 ANSC Learning Community.

FALL Semester Courses:

COMM 1100	3	1 st Year
STAT 1100Q	4	1 st Year
MCB 2410	3	2 nd Year
MCB 2610	4	3 rd Year
SPSS 3230	3	3 rd or 4 th Year
ANSC 3323	3	3 rd or 4 th Year
MCB 3412	3	3 rd or 4 th Year
ANSC 5619	3	3 rd or 4 th Year
ANSC 2699	Var.	4 th Year

SPRING Semester Courses:

ANSC 1602	4	1 st Year
COMM 1100	3	1 st Year
STAT 1100Q	4	1 st Year
MCB 2410	3	2 nd Year
MCB 2610	4	3 rd Year
ANSC 2699	Var.	4 th Year

PRODUCTION Interest Recommended Courses by semester:

It is recommended for this area of interest, students complete the following courses early in their academic career: ENGL 1007 or 1010, CHEM courses (1122 and 2241), and UNIV 1810 ANSC Learning Community.

FALL Semester Courses:

ECON 1201	3	1 st Year
ECON 1202	3	1 st or 2 nd Year
ARE 1150	3	1 st or 2 nd Year
ANSC 3273	4	3 rd or 4 th Year
ANSC 3261	3	3 rd or 4 th Year
ARE 4311	3	3 rd or 4 th Year
ANSC 3343	3	3 rd or 4 th Year
ARE 3215	3	3 rd Year
ANSC 3313	3	3 rd or 4 th Year

SPRING Semester Courses:

ECON 1201	3	1 st Year
ECON 1202	3	1 st or 2 nd Year
ANSC 1602	3	1 st or 2 nd Year
ARE 1150	3	1 st or 2 nd Year
PATH 2301	3	2 nd or 3 rd Year
ANSC 2271	3	2 nd or 3 rd Year
ARE 3215	3	3 rd Year