



College of: Arts and Sciences Degree/Major: BS/Zoology Option: Pre-Veterinary Science Academic Year: 2018-19

Proposed Four-Year Degree Plan (120 Total Hours)

The following is an example 8-semester plan. This is used to illustrate the course sequencing and the expectations for course loading. Students may use this as a guide as they plan their undergraduate education, but should adjust it to fit their personal goals. Students are responsible for completing requirements in the official degree sheet for each major. It is mandatory for a student to meet with an academic advisor prior to course enrollment each semester.

- Assumptions:**
- 1) Entering students have 2 years of a foreign language from high school.
 - 2) Entering students have sufficient preparation to place into MATH 1813 (Preparation for Calculus).

Current Course Rotation: (F) = Fall only (Sp) = Spring only

Students must refer to the current course catalog for the availability of course offerings as well as visit with their academic advisor to find out about any special offerings.

Year One					
Fall Semester			Spring Semester		
A&S	1111	First Year Seminar	ENGL	1213	Freshman Composition II
ENGL	1113	Freshman Composition I		3 hours	Social & Behavioral Sciences (S) with International (I)
MATH	1813	Preparation for Calculus	CHEM	1515	General Chemistry II
CHEM	1314	General Chemistry I	BIOL	1604	Animal Biology
BIOL	1114	Introductory Biology			
Total: 15 credit hours			Total: 15 credit hours		
Get involved with student organizations to further your experiences.			If interested, look into a 2nd Major or Minor; most minors are 15 - 25 hours.		

Year Two					
Fall Semester			Spring Semester		
POLS	1113	Intro to American Government	HIST	1103	Survey of American History
	3 hours	Humanities (H)		3 hours	Upper Division Humanities (H) with Diversity (D)
PHYS	1114 or 2014	College Physics I or University Physics I	PHYS	1214 or 2114	College Physics II or University Physics II
MICR	2123	Intro to Microbiology		3 hours	Additional General Education (A, H, N, or S)
MICR	2132	Intro to Microbiology Lab	ANSI	3543	Principles of Animal Nutrition
Total: 15 credit hours			Total: 16 credit hours		
Interested in Study Abroad? Visit the Study Abroad Office to prepare.			Interested in an internship or research? This is an ideal time to research possibilities and talk to faculty.		

Year Three					
Fall Semester			Spring Semester		
CHEM	3015 or 3053	Survey of Organic Chemistry or Organic Chemistry I		3 hours	Upper Division Additional General Education (A, H, N, or S)
	3 hours	Arts and Humanities	BIOL	3023	General Genetics
BIOL	3204	Physiology	BIOL	3034	General Ecology
BIOL	4700(1) or 4710(1)	Undergraduate Research or Internships in Integrative Biology	CHEM	3153 & 3112 or 5 hours	Organic Chemistry II and Lab or Electives
STAT	4013	Statistical Methods			
	0-2 hours	Electives (based on CHEM choice)			
Total: 16 credit hours			Total: 15 credit hours		
College & Departmental scholarship applications come out in the fall; look for opportunities to apply.			Register with Career Services; it is free and provides countless opportunities.		

Between Years Three and Four, contact your advisor about an official graduation check.

Year Four					
Fall Semester			Spring Semester		
BIOL	4104 or 3 hours	Parasitology (F) or Upper Division BIOL Course* (if taking 3104 in spring)	BIOL	3104 or 3 hours	Invertebrate Zoology (Sp) or Upper Division BIOL Course* (if 4104 was taken in fall)
BIOL	3114	Vertebrate Morphology (F)	BIOL	4133	Evolution
BIOC	3653	Survey of Biochemistry	BIOL	4 hours	Upper Division BIOL Course with a lab*
	3 hours	Supplemental course list below**		4 hours	Electives
Total: 13-14 credit hours			Total: 14-15 credit hours		
Be prepared to apply for Spring graduation this semester. Check on 2nd Major or Minor.			Celebrate your accomplishment at May Graduation with your fellow Cowboys!!		

*Excludes BIOL 3053, BIOL 3113, & BIOL 3123, courses designed for non-majors. However, these courses can be used as general electives.

**ENGL 3323, 4563; GEOG 4203; HIST 4523; PHIL 3833, 4713, 4733; SOC 4153, 4433, 4453.

CHEM 3015 (Survey of Organic Chemistry) may be acceptable for requirements to some US Veterinary schools. Visit with you advisor for more information.

OTHER REQUIREMENTS:

The College of Arts and Sciences requires 6 hours Upper-Division General Education outside the major department.

Total hours must include at least 48 hours in courses numbered 3000 or above.

Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

At least 60 hours must be completed at a four-year institution. At least 30 hours must be completed at OSU.

15 of the final 30 hours completed, or 50% of the upper-division hours in the major field must be completed at OSU.

Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

1. GENERAL EDUCATION REQUIREMENTS

No more than two courses (or eight hours) from the major department may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

2. CAS COLLEGE/DEPARTMENTAL REQUIREMENTS

a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except 3323) HIST, MUSI, PHIL (except 1313, 3003 and 4003), REL, TH, and foreign languages.

b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, BOT, CHEM, CS (except 4883), GEOL, MATH, MICR, PHYS, and STAT; or any courses that carry an (A) or (N) general education designation.

c. The required six hours of upper-division General Education may not include courses from the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A. – consult academic advisor

e. The College of Arts and Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses.

3. FOREIGN LANGUAGE PROFICIENCY

b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

c. In addition to a. and b., **students pursuing teacher certification** must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. EXCLUSIONS

a. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54 hour maximum allowed from one department.

b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.