



College of: Arts and Sciences Degree/Major: BS/Computer 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) Students enter prepared for Calculus I (MATH 2144)

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	POLS	1113	Intro to American Government
HIST	1103	Survey of American History		4 hours	Natural Science (N) with Lab (L)
CS	1113	Computer Science I	CS	2133	Computer Science II
MATH	2144	Calculus I	MATH	2153	Calculus II
Total: 14 credit hours			Total: 16 credit hours		
Get involved with student organizations to further your experiences.			Register at Career services for free to get countless opportunities.		

Year Two					
Fall Semester			Spring Semester		
	3 hours	Humanities (H)	CS	3353	Data Structures
SPCH	2713	Intro to Speech Communication		3 hours	Additional General Education (not CS)
	3 hours	Elective (not CS)		3 hours	Arts & Humanities
MATH	2163	Calculus III	CS	3443	Computer Systems
CS	3653	Discrete Mathematics		3 hours	Upper-Division Related
Total: 15 credit hours			Total: 15 credit hours		
Interested in Study Abroad? Visit the Study Abroad Office to prepare.			Start looking into 2nd Major or Minor; most minors are 15 - 18 hours. Math minors are a good fit for Computer Science majors.		

Year Three					
Fall Semester			Spring Semester		
	3 hours	Upper-Division Humanities (H) with International (I)		3 hours	Upper-Division Additional General Education with Diversity (D)
	3 hours	Natural Science (N)	CS	3 hours	Upper-Division CS Electives
MATH	3013	Linear Algebra	CS	3513	Numerical Methods for Digital Computers
CS	3 hours	Approved CS Electives	CS	3613	Theoretical Foundations of Computing
	3 hours	Elective (not CS)	ENGL	3323	Technical Writing
Total: 15 credit hours			Total: 15 credit hours		
Interested in an internship? This is an ideal time to research possibilities.			Interested in graduate school? Start planning to take GRE Exam.		

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

Year Four					
Fall Semester			Spring Semester		
	3 hours	Electives	STAT	4033	Engineering Statistics
CS	4323	Design & Implementation of Operating Systems I	CS	4883	Social Issues in Computing
CS	3 hours	Upper-Division CS Elective	CS	3 hours	Upper-Division CS Electives
	3 hours	Upper-Division Related		3 hours	Upper-Division Related
CS	3363	Organization of Programming Languages		3 hours	Elective (not CS)
Total: 15 credit hours			Total: 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!!		

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 40 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.