



**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

**General Requirements for Students Matriculating in Academic Year 2012-2013**

**BACHELOR of SCIENCE**

**MAJOR: Physics**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 51 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	A minimum grade of "C" in each course	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	<u>Core Requirements: 42 hours</u>	
American History & Government	6	HIST 1103; POLS 1113	PHYS 2414 or 2114	
Analytical & Quantitative Thought (A)	7	MATH 2144 and 2153	3013	
Humanities (H)	6	Courses designated (H)	3113	
Natural Sciences (N)	8	BIOL 1114; CHEM 1314	3213	
Social & Behavioral Sciences (S)	6	Courses designated (S)	3323	
Diversity (D)	--	Course designated (D) (see note 1.b.)	3513	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	3623	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	3713	
Controlled Electives	3	Any course with a GE designation in any of the above areas	4113	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			4413	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4423	
Arts and Humanities	3	_____ (see note 2.a.)	4712	
Natural & Mathematical Sciences	9	CHEM 1515; PHYS 2314 or 2014	MATH 2163	
			2233	
			<u>Additional Requirements: 9 hours</u>	
			6 upper-division hours in Physics	
			3 upper-division hours in related fields.	
			<b>ELECTIVES: 14 HOURS</b>	
			1 hour may need to be upper-division.	
			Suggested courses: ASTR 1014, 1024, 4010 (1); CS 4113, 4513; ECEN 3213; MATH 4013, 4143, 4153, 4233, 4283, PHYS 1001	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

Upper-Division Credit: Total hours must include at least 40 hours in courses numbered 3000 or above.

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

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Signature on file in the Office of the Registrar

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DEAN

DEPARTMENT HEAD

# College of Arts and Sciences

## 1. General Education Requirements

- a. 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 Controlled Elective, required English Composition, required U.S. History, required American Government, and one required MATH course do not count against the two-course maximum.

- b. The Diversity, International Dimension, Scientific Investigation and Non-Western requirements 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).
- c. Courses in the major department may not be used to satisfy the College requirement for six hours upper-division General Education.

## 2. A&S College/Departmental Requirements

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from ART, MUSI, PHIL (except 1313 and 3003), REL, TH, creative writing, foreign languages (second year and above), linguistics and literature. No more than six hours may be music or theatre performance or art studio.
- 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, STAT and ZOOL; or courses from other departments that carry an (A) or (N) general education designation.
- c. Non-Western Studies Requirement for B.A. and B.F.A. (see 1.b. above). One 3-hour course in Non-Western Studies from: A&S 2000 (Intro to African Studies); ANTH 3443, 4223; ART 3693, 4603, 4653, 4663, 4673, 4683; ECON 4643; ENGL 3173, 3183; ENGL 3190 (African Novel); GEOG 3753, 3783; HIST 1713, 3013, 3053, 3203, 3403, 3413, 3423, 3433, 3503, 3513, 3523, 3543, 3553; HONR 3033; JAPN 1225, 2113, 2223; MUSI 3583; PHIL 3943; POLS 3053, 3313; REL 3573, 3613, 4050 (Understanding Islam), 4113; RUSS 3053; SOC 4533, 4653.

## 3. Foreign Language Proficiency

- a. The foreign language requirement for the B.A. may be satisfied by 10 hours college credit in the same language, or equivalent proficiency (e.g., passing an advanced standing examination; completing a second-year or higher college-level course in the language, etc.).
- 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 any of the options listed above for the B.A.

## 4. Exclusions

- a. Courses used to satisfy the English Composition, American History and Government requirement will not count toward the 54 hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefix and leisure activity courses may not be used for degree credit in the College of Arts & Sciences.

## 5. Teacher Certification

Students can satisfy the requirements for secondary schools teaching certification while earning a B.A. or B.S. in the College of Arts & Sciences. Those interested should see their Arts and Sciences adviser and the OSU Professional Education Unit in room 325 Willard.