



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

**Requirements for Students Matriculating in or before Academic Year 2016-2017**

**BACHELOR of SCIENCE**

**MAJOR: Mathematics**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>		
Area	Hours	To be selected from:
English Composition	6	ENGL 1113 (or 1313) and ENGL 1213 (or 1413 or 3323) (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103 and POLS 1113
Analytical & Quantitative Thought (A)	7	MATH 2144* and CS 1113*
Humanities (H)	6	Courses designated (H)
Natural Sciences (N) Must include one Laboratory Science (L) course.	6	PHYS 1114* or 2014*; and course designated (N)
Social & Behavioral Sciences (S)	3	Course designated (S)
Additional General Education	6	Courses designated (A), (H), (N), or (S)
*College and Departmental Requirements that may be used to meet Gen Ed Requirements.		
<b>DIVERSITY (D) &amp; INTERNATIONAL DIMENSION (I)</b> May be completed in any part of the degree plan. At least one Diversity (D) course: ( _____ ) At least one International Dimension (I) course ( _____ )		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>		
First Year Seminar	1	A&S 1111 (transfer students with 15 hours exempt)
Arts & Humanities	3	_____
Natural & Mathematical Sciences	9	PHYS 1214 or 2114; and 5 additional hours (see note 2.b.)
Foreign Languages	--	_____
Upper-Division General Education 6 hours outside major department	--	_____
(see note 2.c.)		

<b>MAJOR REQUIREMENTS: 42 HOURS</b>
A minimum grade of "C" or "P" required in each course. Minimum <u>2.0</u> GPA in all MATH courses.  <b>Major Foundation: 15 hours</b> MATH 2153, 2163, 2233, 3013, 3613  <i>Choose one of the following:</i> <b>General: 27 hours</b> MATH 4023 12 hours from: MATH 4013, 4063, 4143, 4153, 4233, 4263, 4283, 4343, 4403, 4453, 4513, 4553, 4583, 4613, 4623, 4663, 4713, 4753, 4813, 5213 6 hours from: 4000-level courses in MATH or STAT or upper-division CS or PHYS 6 hours from: upper division courses in any field***  <b>Applications: 27 hours</b> MATH 4583 12 hours from: MATH 4013, 4023, 4063, 4143, 4233, 4263, 4283, 4453, 4513, 4553, 4663, 4713, 4753, 4813, 5213 3 hours from: 4000-level courses in STAT 3 hours from: 4000-level courses in MATH or STAT or upper division courses in CS, PHYS, or engineering 6 hours from: upper division ECON, FIN, GEOG, science, or engineering  <b>Preparation for Graduate Study: 27 hours</b> MATH 4023, 4063, 4283 9 hours from the following, with at least 3 hours from each group: Algebra and Discrete Math: MATH 4613**, 4623, 4663, 4713, 4813 Analysis: MATH 4013, 4143**, 4153 **recommended for doctoral study 3 hours from: MATH 4233, 4263, 4343, 4403, 4513, 5413 6 hours from: MATH or STAT courses numbered 4000 or above  ***With departmental approval, up to 30 hours from an accredited doctoral law or health program may be substituted for these areas.
<b>ELECTIVES: 25*** HOURS</b> May need to include 10 hours of a foreign language. (see note 3.) May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper division hours.

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

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.

Additional State/OSU Requirements – At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field 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.

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. Degrees that follow this plan must be completed by the end of Summer 2022.

Signature on file in the Office of the Registrar

Signature on file in the Office of the Registrar

DEAN

DEPARTMENT HEAD

# College of Arts and Sciences

## 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. A&S COLLEGE/DEPARTMENTAL REQUIREMENTS

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, ENGL (except 3323) HIST, MUSI, PHIL (except 1313, 3003 and 4003), REL, TH, and foreign languages (second year and above). 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 ZOO; or courses from other departments 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. One 3-hour course in Non-Western Studies from: AMIS 2013, 4013; ANTH 3443, 4223; ART 2693, 2733, 4603, 4653, 4663, 4673, 4683, 4703, 4713, 4763; CHIN 1225; ENGL 2963, 3183, 3190 (African Novel), 4330; FLL 1000 (Arabic 2 & Mvskoke2); GEOG 3053, 3733, 3753, 3763, 3783; HIST 1713, 3003, 3013, 3043, 3053, 3123, 3133, 3153, 3163, 3203, 3403, 3413, 3423, 3433, 3443, 3503, 3513, 3523, 3543, 3553, 3583, 3793; HONR 3033; JAPN 1225, 2015, 2225; MUSI 3583; PHIL 3943, 4943, 4953; POLS 3003, 3053, 3123, 3163, 3223, 3313; REL 1103, 3573, 4113, 4213, 4223; RUSS 1225, 3003, 3053, 3123, 4013, 4023, 4113, 4123; SOC 4533, 4653. 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).
- e. The College of Arts & 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

- 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. utilizing elective hours.
- 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 5 hours college credit in the same language with no grade below C (or pass an advanced standing examination equivalent to 5 hours of college credit.)

## 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.

## 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.