



COLLEGE OF ARTS & SCIENCES
OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2012-2013

BACHELOR of SCIENCE

MAJOR: Mathematics

Minimum Overall Grade Point Average: 2.00 Total Hours: 120

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 40 HOURS			MAJOR REQUIREMENTS: 42 HOURS		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	A minimum grade of "C" in each course.		
American History & Government	6	HIST 1103; POLS 1113	MATH 2153, 2163, 2233, 3013, 3613		
Analytical & Quantitative Thought (A)	7	MATH 2144; and CS 1113	Choose one of the following:		
Humanities (H)	6	Courses designated (H)	<u>General:</u>		
Natural Sciences (N)	8	PHYS 1114 or 2014 or 2314; and PHYS 1214 or 2114 or 2414	MATH 4023		
Social & Behavioral Sciences (S)	6	Courses designated (S)	12 hours from: MATH 4013, 4143, 4153, 4233, 4263, 4283, 4403, 4453, 4513, 4553, 4583, 4613, 4623, 4663, 4713, 4813, 5023, 5213, 5303, 5593		
Diversity (D)	--	Course designated (D) (see note 1.b.)	6 hours from: MATH or STAT courses numbered 4000 or above or from upper-division courses in CS or PHYS		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	6 hours from: upper-division courses in any field.		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	<u>Teacher Certification:</u>		
Controlled Electives	1	Any course with a GE designation in any of the above areas	MATH 4023, 4033, 4403, 4583, 4663, 4713		
COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS			CIED 4003, 4053		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	STAT 4013 or 4023		
Arts and Humanities	3	_____ (see note 2.a.)	<u>Applied Mathematics:</u>		
Natural & Mathematical Sciences	9	_____ (see note 2.b.)	MATH 4583		
			12 hours from: MATH 4013, 4023, 4233, 4263, 4283, 4453, 4513, 4553, 4663, 4713, 4813		
			12 hours from: MATH or STAT courses numbered 4000 or above or from upper-division courses in CS, PHYS, or Engineering. At least 6 of these hours must be courses other than MATH.		
			<u>Pre-actuarial/Financial Mathematics:</u>		
			MATH 4453		
			9 hours from: MATH 4023, 4233, 4263, 4513, 4553, 4583, 4663		
			STAT 4203		
			3 hours from: ECON 3113, 4213, 4223		
			6 hours from: FIN 3113, 4223, 4333, 4763		
			3 hours from: MSIS 3393, or upper-division FIN or ECON, or courses in MATH or STAT numbered 4000 or above.		
			ELECTIVES: 25 HOURS		
			7 hours may need to be upper-division.		

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

Signature on file in the Office of the Registrar

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 ZOO; 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.