COLLEGE OF ARTS & SCIENCES

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2014-2015

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

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)
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)	8	PHYS 1114* or 2014* or 2314*; and PHYS 1214* or 2114* or 2414*
Social & Behavioral Sciences (S)	6	Courses designated (S)
Diversity (D)	--	Course designated (D) (see note1.b.)
International Dimension (I)	--	Course designated (I) (see note 1.b.)
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)
Controlled Electives	1	Any course with a Gen Ed designation in any of the above areas

*College and Departmental Requirements that may be used to meet Gen Ed Requirements.

COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS

Orientation	1	A&S 1111 (transfer students with 15 hours exempt)
Arts and Humanities	3	_____ (see note 2.a.)
Natural & Mathematical Sciences	9	_____ (see note 2.b.)

MAJOR REQUIREMENTS: 42 HOURS

A minimum grade of "C" or "P" in each course.

MATH 2153, 2163, 2233, 3013, 3613

Choose one of the following:

General: 27 hours
MATH 4023
12 hours from: MATH 4013, 4063, 4143, 4153, 4233, 4263, 4283, 4343, 4403, 4453, 4513, 4553, 4583, 4613, 4623, 4663, 4713, 4813, 5213
6 hours from: MATH or STAT courses numbered 4000 or above or from upper-division courses in CS or PHYS
6 hours from: upper-division courses in any field.

Applied Mathematics: 27 hours
MATH 4583
12 hours from: MATH 4013, 4023, 4063, 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 outside MATH.

Preparation for Graduate Study: 27 hours
MATH 4023, 4063, 4283
3 hours from:
Geometry or Topology: MATH 4343, 4403, 5413 or
Applied Math: MATH 4233, 4263, or 4513
9 hours from the following, with 6 hours from one group and 3 hours from the other:
Algebra and Discrete Math: MATH 4613**, 4623, 4663, 4713, 4813
Analysis: MATH 4013, 4143**, 4153
6 hours from: MATH or STAT courses numbered 4000 or above

** recommended for preparation for doctoral study

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.

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 2020.

Signature on file in the Office of the Registrar

DEAN

Signature on file in the Office of the Registrar

DEPARTMENT HEAD