**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  
(cumulative graduation/retention GPA)

Other GPA requirements, see below.

<table>
<thead>
<tr>
<th>Area</th>
<th>Hours</th>
<th>To be selected from:</th>
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</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
<td>ENGL 1113 (or 1313) and ENGL 1213 (or 1413 or 3232)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(See Academic Regulation 3.5 in Catalog)</td>
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<tr>
<td>American History &amp; Government</td>
<td>6</td>
<td>HIST 1103 and POLS 1113</td>
</tr>
<tr>
<td>Analytical &amp; Quantitative Thought (A)</td>
<td>7</td>
<td>MATH 2144* and CS 1113*</td>
</tr>
<tr>
<td>Humanities (H)</td>
<td>6</td>
<td>Courses designated (H)</td>
</tr>
<tr>
<td>Natural Sciences (N)</td>
<td>6</td>
<td>PHYS 1114* or 2014*; and course designated (N)</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences (S)</td>
<td>3</td>
<td>Course designated (S)</td>
</tr>
<tr>
<td>Additional General Education</td>
<td>6</td>
<td>Courses designated (A), (H), (N), or (S)</td>
</tr>
</tbody>
</table>

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

**DIVERSITY (D) & INTERNATIONAL DIMENSION (I)**

May be completed in any part of the degree plan.

- At least one Diversity (D) course: _________
- At least one International Dimension (I) course: _________

<table>
<thead>
<tr>
<th>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Seminar</td>
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<tr>
<td>Arts &amp; Humanities</td>
</tr>
<tr>
<td>Natural &amp; Mathematical Sciences</td>
</tr>
<tr>
<td>Foreign Languages</td>
</tr>
<tr>
<td>(see note 3.)</td>
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<tr>
<td>Upper-Division General Education</td>
</tr>
</tbody>
</table>

**GENERAL EDUCATION REQUIREMENTS: 40 HOURS**

**MAJOR REQUIREMENTS: 42 HOURS**

A minimum grade of “C” or “P” required in each course. Minimum 2.0 GPA in all MATH courses.

- **Major Foundation:** 15 hours
  - 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, 4753, 4813, 5213
      - 6 hours from: 4000-level courses in MATH or STAT or upper-division CS or PHYS

  - **Applications:** 27 hours
    - MATH 4583
      - 12 hours from: MATH 4013, 4023, 4063, 4143, 4233, 4263, 4283, 4343, 4513, 4553, 4613, 4623, 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

  - **Preparation for Graduate Study:** 27 hours
    - 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

**ELECTIVES: 25*** HOURS**

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

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

DEAN

DEPARTMENT HEAD

AS - 48
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 ZOOL; 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).

   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.