## GENERAL EDUCATION REQUIREMENTS: 40 HOURS

<table>
<thead>
<tr>
<th>Area</th>
<th>Hours</th>
<th>To be selected from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition &amp; Oral</td>
<td>6</td>
<td>ENGL 1113 or 1313; &amp; 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)</td>
</tr>
<tr>
<td>Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American History &amp; Government</td>
<td>6</td>
<td>HIST 1103 and POLS 1113</td>
</tr>
<tr>
<td>Analytical &amp; Quantitative Thought</td>
<td>7</td>
<td>MATH 2144* and CS 1113*</td>
</tr>
<tr>
<td>(A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humanities (H)</td>
<td>6</td>
<td>Courses designated (H)</td>
</tr>
<tr>
<td>Natural Sciences (N)</td>
<td>8</td>
<td>PHYS 1114* or 2014* or 2314*; and 4 hours designated (N)</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences (S)</td>
<td>6</td>
<td>Courses designated (S)</td>
</tr>
<tr>
<td>Diversity (D)</td>
<td>--</td>
<td>Course designated (D) (see note 1.b.)</td>
</tr>
<tr>
<td>International Dimension (I)</td>
<td>--</td>
<td>Course designated (I) (see note 1.b.)</td>
</tr>
<tr>
<td>Scientific Investigation (L)</td>
<td>--</td>
<td>Course designated (L) (see note 1.b.)</td>
</tr>
<tr>
<td>Controlled Electives</td>
<td>1</td>
<td>Any course with a Gen Ed designation in any of the above areas</td>
</tr>
</tbody>
</table>

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

## MAJOR REQUIREMENTS: 42 HOURS

Minimum grade of "C" or "P" in each course.

- MATH 2153, 2163, 2233, 3013, 3613
- Choose one of the following:
  - General: 27 hours
    - 6 hours from: MATH 4023, 4063, 4143, 4153, 4343, 4403, 4613, 4623, 4713, 4813
    - 9 hours from: MATH or STAT courses numbered 4000 or above
    - 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.
  - 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

## COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS

- Orientation 1 A&S 1111 (transfer students with 15 hours exempt)
- Arts & Humanities 9 (see note 2.a.)
- Natural & Mathematical Sciences 3 (see note 2.b.)
- Foreign Languages 10 (see note 3.)
- Non-Western Studies -- (see notes 1.b. & 2.c.)

### ELECTIVES: 15 HOURS

7 hours may need to be upper-division.
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, HIST, 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, 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 course in Non-Western Studies from: AMIS 2013, 4013, ANTH 3443, 4223; ART 3693, 4603, 4653, 4663, 4673, 4683, 4763; CHIN 1225; ECON 4643; ENGL 3173, 3183; ENGL 3190 (African Novel; Post-Col Multi Ethnic Lit); FLL 1000 (Arabic 2; Mvskoke 2); GEOL 3053, 3753, 3763, 3783; HIST 1713, 3013, 3043, 3053, 3203, 3403, 3413, 3423, 3433, 3503, 3513, 3543, 3553; HONR 3033; JAPN 1225, 2015, 2225; MUSI 3583; PHIL 3943; POLS 3053, 3163, 3223, 3313; REL 3573, 3613, 4050 (Understanding Islam; Rel & Sects of Mid-East), 4113, 4213; 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.

   c. In addition to a. and b., students pursuing secondary education 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 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 prefixes 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.