### GENERAL EDUCATION REQUIREMENTS: 43 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 Communication</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>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 2153</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 2014 and 2114</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>4</td>
<td>BIOL 1114</td>
</tr>
</tbody>
</table>

### COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation</td>
<td>1</td>
<td>A&amp;S 1111 (transfer students with 15 hours exempt)</td>
</tr>
<tr>
<td>Arts and Humanities</td>
<td>3</td>
<td>(see note 2.a.)</td>
</tr>
<tr>
<td>Natural &amp; Mathematical Sciences</td>
<td>9</td>
<td>CHEM 1314 and 1515</td>
</tr>
</tbody>
</table>

### MAJOR REQUIREMENTS: 48 HOURS

Minimum grade of “C” in all Geology courses.

**Core Curriculum:**
- GEOL 1114
- 1224
- 2254
- 2364
- 3014
- 3034
- 3546

18 hours of additional GEOL, excluding 3043, 3413 and 4300.

Suggested courses for select subdisciplines:
- **Earth Systems:**
  - GEOL 3073, 4213, 4403, 4513, 4573, 4773
- **Environment:**
  - GEOL 3073, 3503, 4403, 4453, 4463, 4513
- **Geophysics:**
  - GEOL 4023, 4103, 4113, 4213, 4303, 4543
- **Petroleum:**
  - GEOL 3103, 4023, 4103, 4113, 4213, 4313

Teacher certification courses may be substituted with approval of the School of Geology Academic Counselor.

### ELECTIVES: 16 HOURS

8 hours may need to be upper-division.

- GEOG 2343, 4333, 4343; GEOL 4990 (3 hours) and STAT 4013 recommended; and MATH 2163, 2233 and 3013 highly recommended for Geophysics subdiscipline.

**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

DEPARTMENT HEAD
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); GEOG 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.