### General Requirements for Students Matriculating in Academic Year 2012-2013

#### BACHELOR of SCIENCE

**MAJOR:** Statistics

**Minimum Overall Grade Point Average:** 2.00  
**Total Hours:** 120

*(cumulative graduation/retention GPA)*

*Other GPA requirements, see below.*

**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 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; POLS 1113</td>
</tr>
<tr>
<td>Analytical &amp; Quantitative Thought (A)</td>
<td>5</td>
<td>MATH 1715</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>Courses 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>3</td>
<td>SPCH 2713</td>
</tr>
</tbody>
</table>

**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     | CS 2133 or MATH 2233; and 6 additional hours (see note 2.b.) |

**Major Requirements: 53 Hours**

Minimum GPA **2.50** with a minimum grade of “C” in each course.

**Section 1: Required Courses**

- **CS 1113**
- **3513 or 4513**
- **MATH 2144**
- **2153**
- **2163**
- **3013**
- **STAT 4013**
- **4023**
- **4043**
- **4091**
- **4203**
- **4213**

**Section 2:**

6-9 hours at 3000 level or above in a field of application outside of Mathematical Sciences.

**Section 3:**

9-12 hours: (maximum of 6 hours from one department) to be selected from:

<table>
<thead>
<tr>
<th>CS 3423</th>
<th>IEM 3703</th>
<th>MATH 3613</th>
</tr>
</thead>
<tbody>
<tr>
<td>3443</td>
<td>4013</td>
<td>4013</td>
</tr>
<tr>
<td>4323</td>
<td>4103</td>
<td>4233</td>
</tr>
<tr>
<td>4343</td>
<td>4113</td>
<td>4553</td>
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<td>4613</td>
<td>4663</td>
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<tr>
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<td>4713</td>
<td></td>
</tr>
</tbody>
</table>

Total of 18 hours from Sections 2 and 3.

**Electives: 14 Hours**

*Other Requirements: See notes 1, 2 & 3 on back of 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  
**DEAN**

Signature on file in the Office of the Registrar  
**DEPARTMENT HEAD**

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**Notes:**

1. Preventive Health: A full high school course in health or a college course in health may be used in lieu of a full high school course in biology and chemistry.
2. A maximum of 6 hours at 3000 or above may be selected in human science, and in the sciences of social psychology and anthropology.
3. A maximum of 6 hours may be counted as one of the upper division courses.
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, BIOL, BOT, CHEM, CS (except 4883), GEOL, MATH, PHIS, 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 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.