Core Requirements

Option 1

**World Civilization (6 hours):**
- HIST 1113H or 1113 World Civilization I
- HIST 1123H or 1123 World Civilization II

**Fine Arts/World Lit./Philosophy (9 hours):**
Must be selected from two different areas. At least one must come from Fine Arts.

**American National Government**
- PLSC 2003H American National Gov't

**Economics**
- ECON 2023H

**Anthropology**
- ANTH 1013H/011M Biological Anthropology

**International Language**
- Museums Colloquium
- World Language Language Course, any other WLIT course, CLST 1003 or CLST 1013

**Philosophy**
- PHIL 2003H or 2003 Intro to Philosophy

**Natural Sciences & Mathematics:**
Core—20 hours; 16 hours must at honors level
Complete sixteen hours from at least two of the five different areas below. At least one class from Area 5 is required, though not necessarily at the Honors level.

**Natural Sciences (16 hours):**

| AREA 1 | ASTR 2003H/2001M Survey of Universe |
| AREA 2 | ANTH 1013H/011M Biological Anthropology |
| AREA 3 | CHEM 1103/1101L University Chemistry I |
| AREA 4 | GEOL 1113H/1111M General Geology |
| AREA 5 | Mathematics (4 hours): |

**Math and Physics (16 hours):**

| Required General Electives to complete 120 hour Graduation Requirement |
| Completion of Senior Honors Thesis fulfills the Fulbright College Writing Requirement |

Option 2

**Advising H2P equivalencies**

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<th>Completing</th>
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<tr>
<td>HUMN 1114H</td>
<td>HIST 1113H</td>
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<td>HUMN 1124H</td>
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<tr>
<td>HUMN 2114H</td>
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Choose one:
- Core Fine Arts (to meet state minimum core)
  OR
- HUMN 2124H & Core Fine Art

**Required General Electives**

**Required Chemistry Courses (18-22 hours):**

| CHEN 1213/1211L Chemistry for Majors I |
| CHEN 1223/1221L Chemistry for Majors II |
| OR |
| CHEM 1103/1101L University Chemistry I |
| CHEM 1123/1211L University Chemistry II |

**AND**

| CHEM 2263/2261L Analytical Chem Lecture |
| CHEM 3514/3521L Physical Chem I (CHEM 3504) |
| CHEM 3453/3451L Elements of Physical Chemistry |

**Required Advanced CHEM Courses (17-19 hours):**

| Required Chemistry Courses (18-22 hours): |

**Bachelor of Science in Chemistry (BioChemistry)**

**Requirements**

**Catalog Year: 2014**

**University Perspectives (1 hour):**
Must be completed during freshman year.
- UNIV 1001 University Perspectives: Destination Graduation

**Freshman Composition (6 hours):**
- ENGL 1013 & ENGL 1023

You may gain exemption from ENGL 1013 and 1023 if you have a 30/680 or above on the English/Verbal section of the ACT/SAT

**U.S. History or American Government (3 hrs):**
- HIST 2003 U.S. History, to 1877
- HIST 2101 U.S. History, 1877 to present
- PLSC 2003 American National Gov't
- PLSC 2003 American National Gov't

**World Language (0—9):**
- 1003
- 1013
- 2003

Hours depend on placement. Students must demonstrate proficiency in one modern or classical language other than English. No degree credit is awarded for a world language 1003 course to students continuing the language begun in high school

**Honors Colloquia:**
6 hours—one from each approved area
- Humanities Colloquium
- Social Science Colloquium
- Natural Science or Math Colloquium

**Humanities & Social Sciences:**
Core—18 hours; 9-12 hours must be at honors level

Students complete all social science requirements AND choose option 1 or 2

**Social Sciences (3 hours):**
- ANTH 1023H or 1023 Cultural Anthro
- ECON 2013H or 2013 Macroeconomics
- ECON 2023H or 2023 Microeconomics
- GEOG 2003 World Regional Geography
- PSYC 2003H or 2003 General Psychology
- SOCI 2013H or 2013 General Sociology

**STUDENTS:**
- Select one of the following:
  - University Perspectives: Destination Graduation
  - Honors Colloquia
  - World Language

**Natural Sciences & Mathematics:**
Core—20 hours; 16 hours must at honors level
Complete sixteen hours from at least two of the five different areas below. At least one class from Area 5 is required, though not necessarily at the Honors level.

**Natural Sciences (16 hours):**

| AREA 1 | ASTR 2003H/2001M Survey of Universe |
| AREA 2 | ANTH 1013H/011M Biological Anthropology |
| AREA 3 | CHEM 1103/1101L University Chemistry I |
| AREA 4 | GEOL 1113H/1111M General Geology |
| AREA 5 | Mathematics (4 hours): |

**Math and Physics (16 hours):**

| Required General Electives to complete 120 hour Graduation Requirement |
| Completion of Senior Honors Thesis fulfills the Fulbright College Writing Requirement |

**Major Requirements**

**Biological Sciences (15 hours):**
- BIOL 1543 & 1541L Principles of Biology
- BIOL 2013 or 2011L Micro Biology
- BIOL 2533 or 2531L Cell Biology
- BIOL 4233 Genomics & Bioinformatics OR
- BIOL 2323 Genetics

**Requirements for Departmental Honors in Chemistry:** Students with good academic backgrounds and strong interests in research are encouraged to participate in the department of chemistry and biochemistry honors program. Entrance into the program is normally during the sophomore year or the first semester of the junior year, and a minimum cumulative GPA of 3.5 is required. Entry is initiated by consulting the faculty academic advisor, who will help arrange conferences with potential faculty research project advisers. When there is agreement between the student and the adviser on a research project or area, an Honors Advisory Committee is set up to supervise the honors candidate’s program. The heart of the program is the research project, but students are encouraged to broaden their experience beyond required courses within the chemistry, the natural sciences, the social sciences, and the humanities. Participation in Honors Colloquia, honors sections of regular courses, and chemistry departmental and divisional seminars is especially recommended. All honors candidates enroll in the spring semester Honors Seminar (CHEM 401H), and senior honors students must make at least one seminar presentation. All honors candidates will be required to complete and defend an honors thesis and take 12 hours (which may include 6 hours of thesis) in Honors Studies. The thesis is required in the spring semester of the senior year, followed by an oral presentation. On the basis of these written and oral reports and their evaluation of all aspects of the student’s honor program, the candidate’s Honors Advisory Committee will recommend whether or not the distinction “Chemistry or Biochemistry Scholar Cum Laude” should be awarded. Higher degree distinctions are recommended only in truly exceptional cases and are based upon the whole of the candidate’s program of honors studies.

Updated: June 2, 2014