

This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of plan require special attention.

| Course Subject and Title | Credit Hours | Min. Grade Required | Included in Major GPA | Important Notes<br>POS = Program of Study |
|--------------------------|--------------|---------------------|-----------------------|---|
|--------------------------|--------------|---------------------|-----------------------|---|

| Semester One: [15 Credit Hours] |  |  |  |  |
|---------------------------------|--|--|--|--|
|---------------------------------|--|--|--|--|

|                                     |   |    |   |  |
|-------------------------------------|---|----|---|--|
| GES 1101                            | 4 |    | X |  |
| MAT 1110                            | 4 | C- | X | Also meets <b>Gen Ed Quantitative Literacy</b> requirement |
| RC 1000                             | 3 |    |   | May take fall or spring first year                         |
| Liberal Studies Experience Course 1 | 3 |    |   | HS or LS or FA or SS Designation                           |
| Gen Ed Wellness course              | 1 |    |   |  |

| Semester Two: [15 Credit Hours] |  |  |  |  |
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|                     |   |  |   |   |
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| GES 2250            | 4 |  | X | <i>(Pre: one of the following courses: GES 1101 or GES advisor or Department Chair approved introductory geology course.)</i>   |
| CHE 1101 & CHE 1110 | 4 |  | X | Also meets Gen Ed Science Inquiry requirement <i>(PRE: MAT 1020 or equivalent test score. PRE or CO: CHE 1110 and corequisite MAT 1020 or higher if math prerequisite not met.)</i> |
| MAT 1120            | 4 |  | X |   |
| UCO 1200            | 3 |  |   | May take fall or spring first year  |

| Semester Three: [15 Credit Hours] |  |  |  |  |
|-----------------------------------|--|--|--|--|
|-----------------------------------|--|--|--|--|

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|--|---|--|---|---|
| GES 2750                                 | 3 |  | X | <b>[WID]</b> <i>(Pre: Any laboratory course at the 2000 level or higher in GES, PHY, BIO, or CHE with a minimum grade of "C-" (1.7). Pre or co: RC 2001 or its equivalent. Open only to GES majors and minors, with permission of department.</i> |
| GES 2751                                 | 2 |  | X | <i>(PRE: GES 2250 with a minimum grade of "C-" (1.7). Open only to GES majors and minors.)</i>  |
| CHE 1102 & CHE 1120                      | 4 |  | X | Also meets Gen Ed Science Inquiry requirement <i>(PRE: MAT 1020 or equivalent test score. PRE or CO: CHE 1120 and corequisite MAT 1020 or higher if math prerequisite is not met.)</i>  |
| RC 2001                                  | 3 |  |   | Must take with or before GES 2750   |
| Integrative Learning Experience Course 1 | 3 |  |   |   |

| Semester Four: [15-16 Credit Hours] |  |  |  |  |
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| GES 3800                                 | 3   |  | X |   |
| GES Elective                             | 3   |  | X | Must be at or above 3000 level (excluding GES 3520)   |
| Integrative Learning Experience Course 2 | 3   |  |   | HS or LS or FA or SS Designation  |
| Liberal Studies Experience Course 2      | 3   |  |   | HS or LS or FA or SS Designation  |
| STT/Computational Elective 1             | 3-4 |  | X | See course choices in <b>Statistics or Computational Courses</b> area on POS; At least 6 hours (2 courses) required |

| Semester Five: [15 Credit Hours] |  |  |  |  |
|----------------------------------|--|--|--|--|
|----------------------------------|--|--|--|--|

|                                     |   |  |   |  |
|-------------------------------------|---|--|---|--|
| GES 3150                            | 3 |  | X |  |
| GES 3220                            | 3 |  | X |  |
| PHY 1170 and 1160                   | 5 |  | X |  |
| Liberal Studies Experience Course 3 | 3 |  |   |  |
| Gen Ed Wellness course              | 1 |  |   |  |

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|--------------------------|--------------|---------------------|-----------------------|---|

**Semester Six: [14-15 Credit Hours]**

|                              |     |  |   |   |
|------------------------------|-----|--|---|---|
| GES 3715                     | 3   |  | X | May be swapped with Free Elective in semester 8   |
| PHY 1180 and 1161            | 5   |  | X |   |
| STT/Computational Elective 1 | 3-4 |  | X | See course choices in <b>Statistics or Computational Courses</b> area on POS; At least 6 hours (2 courses) required |
| GES Laboratory Elective 1    | 3   |  | X | Choose from choices in GES Laboratory/Field Electives on Program of Study; need 6 hours.                            |

**Summer Semester: [3 Credit Hours]**

|          |   |  |   |   |
|----------|---|--|---|---|
| GES 3751 | 3 |  | X | Summer Only; ( <i>PRE: GES 2751 and permission of instructor.</i> ) |
|----------|---|--|---|---|

**Semester Seven: [12 Credit Hours]**

|  |   |  |   |  |
|--|---|--|---|--|
| GES Laboratory Elective 2                | 3 |  | X | Choose from choices in GES Laboratory/Field Electives on Program of Study; need 6 hours. |
| Integrative Learning Experience Course 3 | 3 |  |   |  |
| Liberal Studies Experience Course 4      | 3 |  |   | HS or LS or FA or SS Designation   |
| Free Elective                            | 3 |  |   |  |

**Semester Eight: [11-13 Credit Hours]**

|                  |       |  |   |  |
|------------------|-------|--|---|--|
| GES 4210 or 4510 | 1     |  | X | <b>CAPSTONE</b> ; GES 4510 is an option for honors students (Requires senior standing)                                 |
| Free Elective    | 3     |  |   | May be swapped with GES 3715 in semester 6   |
| Free Elective    | 3     |  |   |  |
| Free Elective    | 3     |  |   |  |
| Free Elective    | 2-3-* |  |   | *Take enough free electives to bring total hours to the minimum 120 hours required for the degree (including GES 4835) |

**Summer Semester: [3 Credit Hours]**

|          |   |  |   |   |
|----------|---|--|---|---|
| GES 4751 | 3 |  | X | Summer Only; ( <i>PRE: GES 2751, GES 3150, GES 3715, GES 3751, GES 3800 and permission of instructor.</i> ) |
|----------|---|--|---|---|

**General Requirements Summary**

| Minimum Total Hours | Gen Ed. Hours | Writing             | Minimum   |             |
|---------------------|---------------|---------------------|-----------|-------------|
|                     |               |                     | Major GPA | Overall GPA |
| 120                 | 44            | RC 1000 and RC 2001 | 2.0       | 2.0         |

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|--------------------------|--------------|---------------------|-----------------------|---|

**All GES courses and all courses in Major Requirements area on Program of Study count in major GPA.**

| General Education Program Model - 44 Semester Hours Total   |       |   |
|---|-------|---|
| Program Categories  | Hours | Important Notes – <i>Be sure to check for Gen Ed courses required in your major</i> |
| First Year Seminar  | 3     | Can be taken first or second semester of freshman year                              |
| Wellness Literacy   | 2     |   |
| Quantitative Literacy   | 4     |   |
| First Year Writing  | 3     | Can be taken first or second semester of freshman year                              |
| Sophomore Writing   | 3     | Can take fall or spring semester of second year                                     |
| Integrative Learning Experience   | 9     | Must choose a minimum of two disciplines  |
| Liberal Studies Experience  | 12    | Must choose a minimum of three disciplines  |
| Science Inquiry   | 8     |   |
| <p>You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Liberal Studies Experience.</p> |       |   |

**Additional Notes:**

- A contract with a list of the approved Non-Geology Elective Courses MUST be filed with the College of Arts & Sciences Dean’s Office no later than the end of the first semester of junior year.
- Residency Requirements:
  - 30 hours must be from ASU
  - 18 hours in the major must be from ASU
  - 9 hours in the minor must be from ASU
- Please consult with your advisor to ensure you will complete the appropriate number of free electives as needed to reach the 120 total hours required for your degree.