

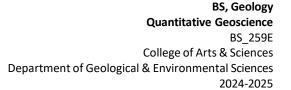


This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability,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

Shaded areas of plan require special attention

| Shaded areas of plan require specia | attention | 1. | | |
|-------------------------------------|-----------------|---------------------------|-----------------------------|--|
| Course Subject and Title | Credit Hours | Min. Grade Reguired | Included in Major GPA | Important Notes POS = Program of Study |

| | | Seme | ster One: | [15 Credit Hours] |
|---|---|-------|------------|--|
| UCO 1200 | 3 | | | May take fall or spring first year |
| Liberal Studies Experience Course 1 | 3 | | | HS or LS or FA or SS Designation |
| MAT 1110 | 4 | C- | х | Also meets Gen Ed Quantitative Literacy requirement (<i>Pre: MAT 1025 with minimum grade C- or passing calculus readiness test</i>) |
| GES 1101 | 4 | | Х | |
| Gen Ed Wellness course | 1 | | | |
| | | Seme | ster Two: | [15 Credit Hours] |
| RC 1000 | 3 | | | May take fall or spring first year |
| MAT 1120 | 4 | | Х | |
| GES 2250 | 4 | | Х | (Pre: one of the following courses: GES 1101 or GES advisor or Department Chair approved introductory geology course.) |
| Integrative Learning Experience Course 1 | 3 | | | |
| Gen Ed Wellness course | 1 | | | |
| | | Semes | ter Three | : [15 Credit Hours] |
| CHE 1101 & CHE 1110 | 4 | | Х | Also meets Gen Ed Science Inquiry requirement (<i>Pre: MAT 1020 or equivalent test scores. Pre or co: CHE 1110 and corequisite MA 1020 or higher if math prerequisite not met.</i>) |
| RC 2001 | 3 | | | Must take with or before GES 2750 |
| GES 2751 | 2 | | Х | (PRE: GES 2250 with a minimum grade of "C-" (1.7). Open only to GES majors and minors.) |
| GES 2750 | 3 | | x | [WID] (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. |
| MAT 2130 | 3 | | Х | |
| | | Seme | ster Four: | [13 Credit Hours] |
| CHE 1102 & CHE 1120 | 4 | | х | Also meets Gen Ed Science Inquiry requirement (<i>Pre: MAT 1020 or equivalent test scores. Pre or co: CHE 1120 and corequisite MA 1020 or higher if math prerequisite is not met.</i>) |
| MAT 2240 or MAT 3130 | 3 | | Х | |
| STT 2810 | 3 | | Х | |
| Liberal Studies Experience Course 2 | 3 | | | HS or LS or FA or SS Designation |
| | | Seme | ster Five: | [14 Credit Hours] |
| GES 3310 or CHE 3310 | 3 | | Х | |
| GES 3150 | 3 | | Х | |
| GES 3220 | 3 | | Х | |
| PHY 1170 and 1160 | 5 | | Х | |





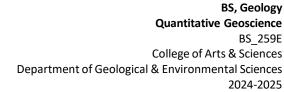
This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability,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

Shaded areas of plan require special attention.

| Course Subject and Title | Credit | Min. Grade | Included in Maior | Important Notes |
|--------------------------|--------|---------------|----------------------|------------------------|
| course subject and ritle | Hours | Required | GPA | POS = Program of Study |

| | | Seme | ster Six: [| 14 Credit Hours] |
|---|---|--------|-------------|--|
| GES 3160 or PHY 3160 | 3 | | Χ | |
| GES 3715 | 3 | | Х | |
| GES 3800 | 3 | | Х | |
| PHY 1180 and 1161 | 5 | | Х | |
| | | Summe | r Semeste | er: [3 Credit Hours] |
| GES 3751 | 3 | | Х | Summer Only; (PRE: GES 2751 and permission of instructor.) |
| | | Semest | er Seven | : [15 Credit Hours] |
| GES 4630 | 3 | | Χ | |
| Geoscience Elective | 3 | | Χ | Choose from courses in Geoscience Electives area on POS |
| Integrative Learning Experience Course 2 | 3 | | | HS or LS or FA or SS Designation |
| GES 3455 | 3 | | Х | (PRE: GES 2250, GES 2750, MAT 1110, and PHY 1150, or permission of the instructor.) |
| Liberal Studies Experience Course 4 | 3 | | | HS or LS or FA or SS Designation |
| | | Semes | ter Eight: | [13 Credit Hours] |
| GES 4210 | 1 | | Х | CAPSTONE |
| GES 4705 | 3 | | Х | |
| Integrative Learning Experience Course 3 | 3 | | | |
| Liberal Studies Experience Course 3 | 3 | | | |
| Statistics & Computational Elective | 3 | | Х | Choose from courses in Statistics & Computational Courses Area on POS |
| | | Summe | r Semeste | er: [3 Credit Hours] |
| GES 4751 | 3 | | Х | Summer Only; (PRE: GES 2751, GES 3150, GES 3715, GES 3751, GES 3800 and permission of instructor.) |

| General Requirements Summary | | | | | | | |
|------------------------------|---------|---------------------|-------------|-----|--|--|--|
| Minimum Gen Ed. | | AA7 *** | Minimum | | | | |
| Total Hours Hours | Writing | Major GPA | Overall GPA | | | | |
| 120 | 44 | RC 1000 and RC 2001 | 2.0 | 2.0 | | | |





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 POS = Program of Study |
|--------------------------|-----------------|---------------------------|-----------------------------|---|
|--------------------------|-----------------|---------------------------|-----------------------------|---|

| Program Categories | Hours | Important Notes – Be sure to check for Gen Ed courses required in your major |
|---------------------------------|-------|--|
| 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 | |
| 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 | |

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.

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

Additional Notes:

- 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.
- Residency Requirements:
 - o 30 hours must be from ASU
 - o 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU