Environmental Science, B.S.
2022-2023 Catalog

## Academic Advising Center

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The recommended four-year plan is designed to provide a blueprint for students to complete their degrees within four years. These plans include the recommended sequences of courses. Indiviual plans will vary based on previously earned credit such as Dual Enrollment and AP credit as well as student's academic goals. Students will work with an Academic Advisor to develop a more individualized plan to complete their degree.

The GC Journeys Program will transform your way of thinking and experiencing college. By participating in five inside and outside the classroom transformative experiences during your time at Georgia College, you will step outside of your usual surroundings, gain authentic experiences, solve problems, become a leader, participate in real-world settings and put ideas into action.

All students will complete the First-Year Experience, Career Planning Milestones, and a Capstone course in your major. Students will choose two additional experiences from: Intensive Leadership Experiences, Mentored Undergraduate Research, Community-Based Engaged Learning, Internships, and Study Abroad/Study Away.

This recommended Four-Year Plan is applicable to students admitted during the 2022-2023 academic year.
Total Credits Required: 120 credits
Required GPA for Graduation: 2.0 (overall)
Courses requiring a C or better are denoted with a star (*)
Legend is available on the last page of this document.

| Year 1 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fall |  |  |  |  | Spring |  |  |  |  |
| Course | Title | Hours | Area | $\checkmark$ | Course | Title | Hours | Area | $\checkmark$ |
| GCSU 0001 | First- Year Seminar | 1 |  |  | BIOL 1108* | Principles of Biology II | 3 | F |  |
| ENGL 1101* | English Composition I | 3 | A |  | BIOL 1108L* | Principles of Biology II Lab | 1 | F |  |
| BIOL 1107* | Principles of Biology I | 3 | F |  | ENGL 1102* | English Composition II | 3 | A |  |
| BIOL 1107L* | Principles of Biology I Lab | 1 | F |  | GEOL 1121* | Physical Geology | 3 | F |  |
| ENSC 1000* | Intro to Environmental Science | 3 | D/Cognate |  | GEOL 1121L* | Physical Geology Lab | 1 | F |  |
| ENSC 1000L* | Intro to Environmental Science Lab | 1 | D/Cognate |  | Area A Math | Any Area A MATH option | 3 | A |  |
| GC1Y 1000 | Critical Thinking | 3 | B |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | Semester Hours | 15 |  |  |  | Semester Hours | 14 |  |  |
| Summer | Area A Math, BIOL 1107/L, BIOL 1108/L are offered in summer. |  |  |  |  |  |  |  |  |
| Notes: | Area A and GC1Y 1000 must be completed by 30 earned hours. First-Year Seminar does not count toward 120 hours required for graduation. |  |  |  |  |  |  |  |  |


| Year 2 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fall |  |  |  |  | Spring |  |  |  |  |
| Course | Title | Hours | Area | $\checkmark$ | Course | Title | Hours | Area | $\checkmark$ |
| BIOL 2800* | Ecology | 4 | F |  | ENSC 2000* | Environmental Methods \& Measures | 3 | F |  |
| CHEM 1211K* | Principles of Chemistry I | 4 | D/Cognate |  | CHEM 1212K* | Principles of Chemistry II | 4 | D/Cognate |  |
| Core Choice | Area C1 Humanities \& Ethics | 3 | core |  | GC2Y 2000 | Global Perspectives | 4 | B |  |
| Core Choice | Area E Social Science Choice 1 | 3 | core |  | Core Choice | Area E Social Science Choice 2 | 3 | Core |  |
| MATH 1401* | Probability \& Statistics | 3 | D/Cognate |  |  |  |  |  |  |
|  | Semester Hours | 17 |  |  |  | Semester Hours | 14 |  |  |
| Notes: | Student must complete a Foreign Language at the 1002 level or higher. Complete the WebCape (https://www.gcsu.edu/artsandsciences/wlc/testing) to determine placement for first course. <br> GC2Y 2000 must be taken between 30-59 earned hours. <br> BIOL 2800 Must be taken between 30-59 earned hours. |  |  |  |  |  |  |  |  |


| Year 3 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fall |  |  |  |  | Spring |  |  |  |  |
| Course | Title | Hours | Area | $\checkmark$ | Course | Title | Hours | Area | $\checkmark$ |
| ENSC 3800* | Landscape Ecol/GIS | 4 | Major |  | ENSC 3050* | Envir. Problems \& Sustainable Sol. | 3 | Major |  |
| GEOL 4100* | Intro to Hydrology | 4 | Major |  | ENSC Course* | Upper Level (3000-4000) ENSC Course | 3 | Major |  |
| ENSC Course* | Upper Level (3000-4000) ENSC Course | 3 | Major |  | PHYS 1111* | Intro to Physics I | 3 | Major |  |
| Core Choice | Area C2 Fine Arts | 3 | Core |  | PHYS 1111L* | Intro to Physics I Lab | 1 | Major |  |
| Foreign Lang* | Any Foreign Language 1001 Leve | 3 | F. Lang |  | Foreign Lang* | Any Foreign Language 1002 Level | 3 | F.lang |  |
|  |  |  |  |  | Core Choice | Area E Social Science Choice 3 | 3 | Core |  |
|  |  |  |  |  |  |  |  |  |  |
| Semester Hours |  | 17 |  |  | Semester Hours |  | 16 |  |  |
| Notes: | ENSC 3800 fulfills GIS requirement; other option: GEOG 3100 (3 cred.). <br> GEOL 4100fulfills Hydro requirement; other option GEOL 4150. <br> PHYS 1111/L fulfills Quantitative requirement; other options: CHEM 2800/L, MATH 1261, MATH 1262. <br> Upper Level ENSC courses are student's choice. They can be 3000 or 4000 level courses. <br> Electives can be in any discipline and any level (1000-4000; unless specified as UL) |  |  |  |  |  |  |  |  |


| Year 4 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fall |  |  |  |  | Spring |  |  |  |  |
| Course | Title | Hours | Area | $\checkmark$ | Course | Title | Hours | Area | $\checkmark$ |
| ENSC Course* | Upper Level (3000-4000) ENSC Course | 4 | Major |  | GEOL Course* | Upper Level (3000-4000) GEOL Course | 4 | Major |  |
| CAPSTONE* | Capstone | 3 | Major |  | ENSC Course* | Upper Level (3000-4000) ENSC Course | 4 | Major |  |
| GEOL Course* | Upper Level (3000-4000) GEOL Course | 4 | Major |  | Elective | Upper Level (3000-4000) Elective Course | 3 | Elec |  |
| Elective | Elective Course any level | 3 | Elec |  | Elective | Upper Level (3000-4000) Elective Course | 3 | Elec |  |
|  | Semester Hours | 14 |  |  |  | Semester Hours | 14 |  |  |
| Notes: | Up to six (6) hours of research and/or internship hours can be counted in 18 hours of Upper Division BIOL coursework. Capstone options: Course, Internship, Study Abroad or Research (research is $\mathbf{2}$ semesters). |  |  |  |  |  |  |  |  |


|  | Legend |
| :--- | :--- |
| Area | This section of the plan references the area of the curriculum the course fulfills. |
| A | Core Area A: Communication and Quantitative Skills |
| B | Core Area B: Institutional Options |
| C | Core Area C: Humanities and Fine Arts |
| D | Core Area D: Science, Technology, and Math |
| E | Core Area E: Social Sciences |
| F | Core Area F: Major Directed Core |
| Major | Major Required Course |
| Elective <br> (Elec) | Course(s) a student selects. Hours are needed meet overall graduation hours. Number of electives varies per major. Electives can be used towards GC <br> Journeys, minors, professional/graduate school pre-requisites or to take courses of interest. |
| Cognate | Cognate courses are required courses within a students curriculum. These courses are connected to the major but may be from other academic <br> disciplines. |

