# Unofficial Degree Planning WorksheetCatalog Year: 2023 – 2024

# Major: BS in Environmental Studies – Natural Science

This worksheet is designed to help you plan and track your progress toward your degree. It lists all graduation requirements. Course descriptions are available in the current catalog. More detailed descriptions of the program can be found in the [2023 – 2024 catalog](https://ut.smartcatalogiq.com/current/catalog/).

## University Graduation Requirements

[x] Students must earn 124 hours to be eligible for graduation.

[ ] Students must maintain an overall minimum GPA of 2.0 to be eligible for graduation.

[ ] Students must maintain a major minimum GPA of 2.0 to be eligible for graduation.

[ ] Students must complete 31 credit hours in residency at UT to be eligible for graduation.

[ ] Students must complete 15 credit hours in residency at UT in their major coursework.

## Spartan Studies Requirements

### First-Year

| **First-year Requirement** | **Course Taken** | **Semester Taken** |
| --- | --- | --- |
| UTAMPA 101 (1cr)/102 (1cr) – First-Year seminar two semester sequence**or** UTAMPA 103 (2cr) – Transfer student seminar**or** UTAMPA 104 (2cr) Veteran student seminar– must be taken in residency |  |  |
| AWR 101 (4cr) - Reading Locally & Globally**or** AWR 110 (5cr) – Academic Writing for Multilingual Students |  |  |
| Math (4cr) Requirement (choose one):MAT 155, MAT 160, MAT 170, MAT 201, MAT 225, MAT 260, MAT 261 | MAT 260 |  |

### Core

| **Core Requirement** | **Course Taken** | **Semester Taken** |
| --- | --- | --- |
| AWR 201 (4cr) – Writing and Research: The Local and the Global*Pre-requisite (one of the following): AWR 101, AWR 110, or equivalent* |  |  |
| [Core Humanities](https://www.ut.edu/uploadedFiles/Academics/Provost/SpartanStudies/SpartanStudies_CoreHumanitiesLink.pdf) (4cr) – must be taken in residency, AWR 201 is a prerequisite or must be taken concurrently |  |  |
| [Core Social Science](https://www.ut.edu/uploadedFiles/Academics/Provost/SpartanStudies/SpartanStudies_CoreSocialSciencesLink.pdf) (4cr) – must be taken in residency, AWR 201 is a prerequisite or must be taken concurrently |  |  |
| UTAMPA 200 (1cr) Digital Literacy: Coding**or** one of the following: CSC 101, ITM 251, MAT 285, PHY 180 |  |  |
| UTAMPA 201 (0cr) Career Readiness |  |  |
| Spartan Studies Culminating Experience (4cr) – must be taken in residency *Pre-requisite: Spartan Studies First-year and Core Requirements (UTAMPA 101/02 or UTAMPA 103 or UTAMPA 104, AWR 101, Math, AWR 201, UTAMPA 200, UTAMPA 201, Core Humanities, Core Social Science); individual courses may have additional pre-requisites*  |  |  |

### Distribution Requirements

Note that **one** of the distribution requirements may also be used to meet requirements in the major if there is overlap.

| **Distribution Requirement** | **Course Taken** | **Semester Taken** |
| --- | --- | --- |
| [Social or Behavioral Science](https://www.ut.edu/uploadedFiles/Academics/Provost/SpartanStudies/SpartanStudies_SocialScienceDistributionLink.pdf) (4cr) |  |  |
| [Visual and Performing Arts](https://www.ut.edu/uploadedFiles/Academics/Provost/SpartanStudies/SpartanStudies_VisualandPerformingArtsLink.pdf) (3cr) |  |  |
| [Text-Based Humanities](https://www.ut.edu/uploadedFiles/Academics/Provost/SpartanStudies/SpartanStudies_Text-BasedHumanitiesDistributionLink.pdf) (4cr) |  |  |
| [Natural Science](https://www.ut.edu/uploadedFiles/Academics/Provost/SpartanStudies/Spartanstudies_NaturalScienceDistributionLink.pdf) (4cr) | ENS 198 |  |

## Environmental Studies – Natural Science Requirements (73-74 Credits)

### Environmental Studies-Core Requirements

| **Environmental Studies Core Requirements (24 Credits)**All courses in the Environmental Studies Core Curriculum must be completed with a C or better | **Course Taken** | **Semester Taken** |
| --- | --- | --- |
| ENS 198 (4cr) – Introduction to Environmental Studies I (1 (Can Fulfill Spartan Studies Distribution Requirement) |  |  |
| ENS 199 (4cr) – Introduction to Environmental Studies II (2) |  |  |
| ENS 235 (4cr) – Geographic Information Systems*Pre-requisite: Completion of ENS 198, ENS 199, and either MAT 170 or MAT 260 all with a C or better, or completion of the Biology Lower Core with a 2.0 GPA.* |  |  |
| MAT 170 (4cr) – Precalculus (May be waived if student is placed directly into MAT 260 Calculus)*Pre-requisite: MAT 160 or equivalent or MAT Placement 3 or higher* |  |  |
| ECO 204 (4cr) – Principles of Microeconomics |  |  |
| ENS 410 (4cr) – Environmental Studies Capstone*Pre-requisite: Senior standing and enrollment in BS in Environmental Studies, BA in Environmental Studies, Minor in Environmental Studies, or Minor in Sustainability* |  |  |

### Natural Sciences Concentration Requirements

| **Natural Sciences Concentration Requirements (38 Credits)** | **Course Taken** | **Semester Taken** |
| --- | --- | --- |
| BIO 198 (3cr) – General Biology I (1)*Pre/Co-requisite: CHE 152 and CHE 153L**Co-requisite: BIO 198L* |  |  |
| BIO 198L (1cr) – General Biology I (1) Laboratory*Pre/Co-requisite: CHE 152 and CHE 153L**Co-requisite: BIO 198* |  |  |
| BIO 199 (3cr) – General Biology II (2)*Pre/Co-requisite: BIO 198 and BIO 198L (both with a grade of “C” or better)**Co-requisite: BIO 199L* |  |  |
| BIO 199L (1cr) – General Biology II (2) Laboratory*Pre/Co-requisite: BIO 198 and BIO 198L (both with a grade of “C” or better)**Co-requisite: BIO 199L* |  |  |
| CHE 152 (3cr) – General Chemistry I (1)*Pre-requisite: MAT 160**Pre/Co-requisite: CHE 153L (with a grade of “C” or better)* |  |  |
| CHE 153L (1cr) – General Chemistry I (1) Laboratory*Pre/Co-requisite: CHE 152 (with a grade of “C” or better)* |  |  |
| CHE 154 (3cr) – General Chemistry II (2)*Pre-requisite: CHE 152 and CHE 153L (both with a grade of “C” or better)**Pre/Co-requisite: CHE 155L (with a grade of “C” or better) and MAT 170* |  |  |
| CHE 155L (1cr) – General Chemistry II (2) Laboratory*Pre-requisite: CHE 152 and CHE 153L (both with a grade of “C” or better)**Pre/Co-requisite: CHE 154 (with a grade of “C” or better)* |  |  |
| MAT 260 (4cr) – Calculus I (1) (Can fulfill Spartan Studies Mathematics Requirement)*Pre-requisite: MAT 170 with a grade of “C” or higher, or equivalent*  |  |  |
| BIO 230 (4cr) – Experimental Design and Biostatics*Pre-requisite: Biology Lower Core Curriculum* |  |  |
| CHE 180 (3cr) – Environmental Chemistry*Pre-requisite: CHE 154 and CHE 155L (both with a grade of "C" or better)* |  |  |
| MAR 200 (3cr) – Introduction to Marine Science |  |  |
| MAR 201 (4cr) – Marine Geology*Pre-requisite: MAR 200**Co-requisite: MAR 201L* |  |  |
| MAR 201L (0cr) – Marine Geology Laboratory |  |  |
| BIO 212 (4cr) – Ecology*Pre-requisite: Biology Lower Core Curriculum**Co-requisite: BIO 212L***or** MAR 222 (4cr) – Marine Ecology*Pre-requisite: Biology Lower Core Curriculum and MAR 200**Co-requisite: MAR 222L* |  |  |

### Natural Sciences Concentration Electives Requirements

| **Natural Sciences Concentration Elective Requirements (11-12 Credits)**Refer to catalog for the [Natural Sciences Elective Options](https://ut.smartcatalogiq.com/en/current/catalog/college-of-natural-and-health-sciences/department-of-environmental-studies/bs-in-environmental-studies-concentrations/natural-sciences-concentration-bs/). *Pre-requisites will depend on the course chosen.* | **Course Taken** | **Semester Taken** |
| --- | --- | --- |
| Category I (1) Elective (4cr)  |  |  |
| Category II (2) Elective (4cr)  |  |  |
| Category I (1) or Category II (2) Elective (3-4cr) |  |  |