

B.S. Degree, Environmental Science Major: Geospatial Technologies Concentration

	Courses	Credit	Notes
General Education Requirements			
English Composition	ENG 101 and ENG 102 or 103	6	Two semesters of English composition
Communication Studies	COM 101 or 202	3	Take either Public Speaking or Interpersonal Communications.
Literature and Fine Arts	2 literature courses plus one from: ART 101, 212, 401, 402, 405; MUS 114, 115, 116, 117; THE 225, 320	9	Most students choose ENG 203/204 for literature. For fine arts, choose an art, music, or theater course from those listed. (See <i>Bulletin</i> for course descriptions)
History	Choose any two from: HIS 101, 102, 201, or 202.	6	History of civilization (101/102) or United States history (201/202)
Mathematics	(see next section)		Satisfied by mathematics taken for Special Degree Requirements
Perspectives on Society	PSY 101 plus two from: ANT 101, ECO 210 or 211, GEO 201 or 303, PHI 201, PSC 103 or 201, SOC 101	9	General psychology plus two of the listed courses from the fields of anthropology, economics, geography, philosophy, or sociology. (See <i>Bulletin</i> for course descriptions)
Personal Development	(see next section)		Satisfied by foreign language, which is required under special degree requirements.
Writing Proficiency	ENG 300, ENG 301, passing CAAP score, or passing GRE writing score	0-3	Take the Writing Proficiency Exam (ENG 300) after taking both semesters of English composition and one semester of literature. If you don't pass, you must take ENG 301. This requirement may also be satisfied by a score of 3 or higher on the CAAP exam, or by a score of 3.5 or higher on the writing portion of the GRE.
33-36			
Special Degree Requirements			
Foreign language	SPA 101, 102 or FRE 101, 102 or GER 101, 102	6	Two semesters of Spanish, French, or German. May be satisfied with 6 hours at the 200 level if two years of language were taken in high school. One semester of language also satisfies the general education personal development requirement.
Mathematics	MAT 104/105 or MAT 106 plus MAT 251, 300, or PSY 331	6-9	There are two requirements here: (1) college algebra and trigonometry, or precalculus; and (2) one semester of calculus or a statistics course. (Also satisfies general education mathematics requirement.)
Chemistry	CHE 101, 102, 103, 104	8-10	First and second semesters of general chemistry with laboratories
20-25			
Major Requirements			
Core	BIO 100, 101, 301, GIS 202	15	The core consists of principles of biology I and II, ecology, and introduction to geospatial science.
Required courses	BIO 123, 415, GIS 310, 330, REM 411, two GIS online electives, GIS internship	25	Foundations of environmental science, materials and methods in environmental science, advanced GIS, spatial solutions to natural resource issues, remote sensing of the environment, plus electives (2) and internship.
200, 300-level science	BIO 217, 221, 309, 312, 314, 321, 328, 336, 340, CHE 319/321, CHE 320/322, PHY 202, 256	6-8	Choose two from: introduction to microbiology, introduction to wildlife management, environmental regulation, dendrology, physical geology, wildlife techniques, genetics, invertebrate zoology, entomology, organic chemistry (with lab), physical geography, or applied meteorology.
400-level science	BIO 402, 404, 405, 406, 408, 410, 411, 414, 416, 425, 439, 440, 447, 449, 459, 461, 462, 463, 470, 477, CHE 434	9-12	Choose three of the listed biology or chemistry courses (see bulletin for titles and descriptions).
Social science	GEO 407, 416, PSC 302, SOC 421, 422, 426, 430, 485	9	Choose three from: economic geography, conservation of natural resources, politics of globalization, sustainable development, environment and society, the delta in global context, human ecology, or population.
64-69			

Recommended electives

Advisor
recommendations

Consult your advisor

Work with your advisor to choose courses related to your interests, your career goals, and preparation for any professional or graduate schools you might be considering. You must take enough electives to bring your total credit to at least 124. See additional requirements below.

Additional Notes:

- A baccalaureate degree from Delta State requires a minimum of 124 credit hours. Of that 124 hours, at least 62 must be taken at a senior college, at least 31 must be taken at DSU, and at least 40 must be 300- or 400-level courses. Courses taken at 2-year schools cannot be counted at the 300- or 400-level. 24 of the last 30 hours must be taken at DSU.
- Enrollment in upper-level BIO courses (BIO 200 and above) requires that you have "Full Admission" status. You have full admission status if you have completed BIO 100, 101, and CHE 101, 102, 103, and 104 with no grades below C. Consult the Bulletin or the Division of Biological and Physical Sciences web site, or see your advisor for more information.
- Degree requirements are revised frequently. This list is a summary based on the current DSU Bulletin. Consult the Bulletin for complete details on all requirements for graduation. You should follow the requirements stated in the issue of the Bulletin that was current for the semester you first enrolled at DSU. You may elect to follow a more recent Bulletin issue if you wish.