

B.S. Degree, Chemistry Major: Chemistry/General Science Education 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	CIS 205	3	Science education majors should take microcomputer applications to satisfy this category.
Writing Proficiency	PRAXIS exam, WPE (ENG 300), or ENG 301, or CAAP exam	0-3	Most education students satisfy this requirement with a passing score on the writing portion of the PRAXIS Preprofessional Skills exam. See your advisor for details.
36-39			
Special Degree Requirements			
Mathematics	MAT 104/105 or MAT 106 plus MAT 251 or 300	6-9	There are two requirements here: (1) college algebra and trigonometry, or precalculus; and (2) calculus or statistics.
Physics	PHY 221, 222 or PHY 231, 232; and PHY 233, 234	8	General physics, which requires calculus (231/232); or physics for life sciences, for students not taking calculus (221,222). Regardless of which physics sequence is chosen, it must be accompanied by physics laboratory (233/234).
14-17			
Professional Education			
Education Courses	CUR 300, 393, 493, CSP 340	12	Survey of education with field experiences, classroom management, teaching the sciences, and survey of exceptional children
Psychology	EPY 341	3	Educational psychology
First Aid	HSE 144	1	First and cardiopulmonary resuscitation
Directed Teaching	CUR 498	9	Directed teaching is done in the final semester. It requires prior admission to the student teaching program.
25			
Major Requirements			
Chemistry Core	CHE 101, 102, 103, 104, 215, 216, 311, 325, 326	21-23	The core comprises general chemistry (2 semesters with lab), introduction to organic chemistry and lab, and quantitative analysis, and introduction to biochemistry and lab.
Advanced Chemistry	CHE 351, (and optionally 363)	4-7	Physical chemistry for life sciences, and optionally problems in chemistry (suggested but not required)
Other Physical Sciences	PHY 205 or 314	3	Astronomy or physical geology for life sciences
Biology	BIO 100, 101	8	Both semesters of Principles of biology
36-41			
Recommended electives			
Advisor Recommendations	See your advisor		Work closely with your advisor as you choose elective courses that best prepare you for teacher certification and reinforce your particular interests.

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 CHE courses (CHE 200 and above) requires that you have "Full Admission" status. You have full admission status if you have completed CHE 101, 102, 103, 104, MAT 104 and 105 or MAT 106 with no grades below C. Consult the Bulletin or see your advisor for more information.
- The process leading to teacher certification is a combined effort of the Division of Biological and Physical Sciences and the College of Education. Teacher certification can be complex and is subject to change. You must consult closely with your advisor to insure you are taking courses in the proper sequence, that all electives are approved for the fields that you plan to teach, and that you apply for admission to student teaching at the appropriate time.
- 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.