

MAJOR IN CHEMISTRY (SECONDARY EDUCATION; TEACHER CERTIFICATION IN CHEMISTRY, GRADES SEVEN THROUGH TWELVE, WITH DOUBLE MAJOR IN B.S. EDUCATION)

**Minimum required: 123
semester credit hours**

Admission Requirement

- All students pursuing teacher certification must apply and be accepted to the Office of Educator Preparation (<http://mycatalog.txstate.edu/undergraduate/education/office-of-educator-preparation/>).

General Requirements

- The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (<http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.
- In addition to this chemistry major and general education core requirements, students must also complete 33 hours in a double major with the Bachelor of Science (B.S.) in Education (Secondary Education Teacher Certification) which includes:

Code	Title	Hours
Education Foundations		
CI 2310	Education for Change	3
CI 3325	Adolescents and Society	3
CI 4332	Secondary Teaching: Curriculum and Technology	3
Teaching and Learning		
CI 3340	Teaching for Linguistic Diversity	3
CI 4343	Instructional Strategies for the Secondary Teacher	3
CI 4370	Building Relationships in the Secondary Classroom	3
CI 4372	Teaching in Communities	3
RDG 3323	Teaching Literacies in the Content Areas	3
SPED 4344	Educating Students with Mild Disabilities	3
Clinical Practice		
EDST 4681	Student Teaching 7-12	6

- Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
- Nine credit hours must be writing intensive (WI).

- To satisfy graduation requirements for teacher certification, students must have at least a 2.75 Overall GPA, a major GPA of at least 2.50 with no grades less than a "C" in all major courses.
- If two years of the same foreign language were taken in high school, then no additional language hours will be required. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.
- All students seeking teacher certification must apply for and be admitted to the Educator Preparation Program in order to enroll in education coursework and student teaching in the Junior and Senior years. Refer to the requirements for Admittance to the Educator Preparation Program through the Office of Educator Preparation (<http://mycatalog.txstate.edu/undergraduate/education/office-of-educator-preparation/>). (Hyperlink is <https://next.mycatalog.txstate.edu/undergraduate/education/office-of-educator-preparation/> (<http://mycatalog.txstate.edu/undergraduate/education/office-of-educator-preparation/>))
- The Texas Education Agency (TEA) requires multiple background checks for progression through the Educator Preparation Program. Based on information recorded in your criminal history, you may be ineligible for issuance of a teaching certificate upon completion of the Educator Preparation Program. If you have a criminal history, you may obtain a Preliminary Criminal History Evaluation from TEA. For more information, go to: https://tea.texas.gov/Texas_Educators/Investigations/Preliminary_Criminal_History_Evaluation-FAQs/.

- For transfer students, 6 semester credit hours in Curriculum and Instruction and Special Education may be transferred from a Texas public institution of higher education for the Associate of Arts in Teaching Field of Study and be applied to the Bachelor of Science degree with a major in Education at Texas State University. More information about the Field of Study (<http://mycatalog.txstate.edu/undergraduate/general-information/academic-policies/texas-legislative-requirements/>) is available in the Academic Policies section of this catalog. The transferable Texas Common Course Number (TCCN) is listed below the Texas State University course number in the following course list.

Code	Title	Hours
CI 2310	Education for Change (CI ELNA)	3
TCCN: EDUC 1301		
SPED 4344	Educating Students with Mild Disabilities (CI ELNA)	3
TCCN: EDUC 2301		

Course Requirements

First Semester	First Hours	Second Semester	Second Hours	Freshman	
				Summer Hours	
CHEM 1141		1 CHEM 1142		1	Summer I:
CHEM 1341 (Life and Physical Sciences Component Code 030)		3 CHEM 1342 (Life and Physical Sciences Component Code 030)		3	CHEM 2141
					1

2 Major in Chemistry (Secondary Education; Teacher Certification in Chemistry, Grades Seven through Twelve, with Double Major in B.S. Education)

				Senior	
	First Hours Semester	Second Hours Semester		First Hours Semester	Second Hours Semester
MATH 2471 (Mathematics Component Code 020)	4	MATH 2472 (Component Area Code 090/092)	3	Block II:	9
US 1100	1	PHYS 1430	4	Summer II:	6
Communication Component Code 010	3	Communication Component Code 010	3	CHEM 2142	1
Language, Philosophy, and Culture Component Code 040	3	CHEM 2342	3	CI 4370	EDST 466
	15	15	8	CI 4372	
			Sophomore	RDG 332	
	First Hours Semester	Second Hours Semester	Summer Hours		
CHEM 3330	3	CHEM 3340	3	Social and Behavioral Sciences Component Code 080	3
CHEM 3410	4	CHEM 3245	2	CHEM 4375	3
					15
					6
				Total Hours: 123	
PHYS 2425 (Component Area Option Code 090/093)	4	American History Component Code 060	3		
CI 2310	3	Creative Arts Component Code 050	3		
		American History Component Code 060	3		
	14	14	6		
			Junior		
	First Hours Semester	Second Hours Semester			
CHEM 3341	3	CHEM 4341	3		
CHEM 4331	3	CHEM 4241	2		
CHEM 4231	2	Block I:	9		
CHEM 4295	2	CI 3340			
Education Core:	6	CI 4343			
CI 3325		SPED 434			
CI 4332					
	16	14			