

Minimum required: 120-121 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.
- [This degree program is designed to prepare students for secondary teacher certification in Life Science and requires that students pursue a double major by declaring and completing requirements for both the major in Biology and the major in Education, which includes the following courses:](#)

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	Clinical Teaching 7-12	6
Total Hours		33

- 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 an Overall GPA of at least 2.75, as well as grades of "C" or better in all courses within the Major(s), Teaching Field(s), Certification area(s), and/or in the Education Minor
- If two years of the same foreign language were taken in high school, then no additional language hours will be required for the degree. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.
- Students entering Texas State with fewer than 16 credit hours completed after high school graduation will be required to take US 1100. All others will be exempt from taking this course. Students may be required to earn an additional elective to reach the 120 minimum total credit hour requirement for the awarding of a degree.

- 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 \[https://tea.texas.gov/Texas_Educators/Investigations/Preliminary_Criminal_History_Evaluation-FAQs/\]\(https://tea.texas.gov/Texas_Educators/Investigations/Preliminary_Criminal_History_Evaluation-FAQs/\).](#)
- For transfer students, 24 semester credit hours in biology, chemistry and physics (or their equivalents) may be transferred from a Texas public institution of higher education for the Biology Field of Study and be applied to the Bachelor of Science degree with a major in Biology 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
BIO 1330	Functional Biology	3
	TCCN: BIOL 1306	
BIO 1130	Functional Biology Laboratory	1
	TCCN: BIOL 1106	
BIO 1331	Organismal Biology	3
	TCCN: BIOL 1307	
BIO 1131	Organismal Biology Laboratory	1
	TCCN: BIOL 1107	
CHEM 1341	General Chemistry I	3
	TCCN: CHEM 1311	
CHEM 1141	General Chemistry Laboratory I	1
	TCCN: CHEM 1111	
CHEM 1342	General Chemistry II	3
	TCCN: CHEM 1312	
CHEM 1142	General Chemistry Laboratory II	1
	TCCN: CHEM 1112	
CHEM 2341	Organic Chemistry I	3
	TCCN: CHEM 2323	
CHEM 2141	Organic Chemistry Laboratory I	1
	TCCN: CHEM 2123	
PHYS 1315	General Physics I	3
	TCCN: PHYS 1301	
PHYS 1115	General Physics I Laboratory	1

TCCN: PHYS 1101	
Total Hours	24

11. 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

Freshman

First Hours Semester	Second Hours Semester	Hours
BIO 1330 (Life and Physical Sciences Component Code 030 [TCCN BIOL 1306])	3 BIO 1331 (Life and Physical Sciences Component Code 030 [TCCN BIOL 1307])	3
BIO 1130	1 BIO 1131	1
CHEM 1341	4 CHEM 1342	4
& CHEM 1141	& CHEM 1142	
US 1100	1 Communica Component Code 010	3
POSI 2310 (Government/Political Science Component Code 070 [TCCN GOVT 2306])	3 COMM 1310 (Component Area Option Code 090/091 [TCCN SPCH 1311])	3

Communica Component Code 010	3 POSI 2320 (Governmen Political Science Component Code 070 [TCCN GOVT 2305])	3
	15	17

Sophomore

First Hours Semester	Second Hours Semester	Summer Hours	Hours
BIO 2450	4 Choose one from the following:	4 American History Component Code 060	3
PHIL 1305 or 1320 (Language, Philosophy, and Culture Component Code 040 [TCCN PHIL 1301 or PHIL 2306]) ¹	3 BIO 2410	American History component Code 060	3
MATH 2321 or 2471 (Mathematics Component Code 020 [TCCN MATH 2313 or MATH 2413])	3-4 BIO 2411		
CHEM 2330	4 MATH 2328, 2331, or 2472	3-4	
& CHEM 213	CI 2310	3	
	Choose 4 hours from the following:	4	
	PHYS 1315		
	& PHYS 1115		
	PHYS 13:		
	& PHYS 1		

PHYS 2325

& PHYS 2125
(TCCN
PHYS
2325 &
PHYS
2125)

14-15	14-15	6
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Junior

First Hours Semester	Second Hours Semester	
Education Core:	6 Block I:	9
CI 3325	CI 3340	
CI 4332	CI 4343	
BIO 4416	4 SPED 434	
Social and Behavioral Sciences Component Code 080	3 Choose 4 hours from the following:	4
Component Area Option Codes 090	3 BIO 3421	
	BIO 3426	
	BIO 4441	
	BIO 4455	
	Creative Arts Component Code 050 [HUMA 1315]	3
16	16	

Senior

First Hours Semester	Second Hours Semester	
BIO 4408 or 4305 ²	4-3 Clinical Practice: Student Teaching	6
BIO 4301	3 EDST 466	
Block II:	9	
CI 4370		
CI 4372		
RDG 332:		
16-15	6	

Total Hours: 120-121

¹ While PHIL 1305 or PHIL 1320 are strongly preferred, the department will allow other Language, Philosophy, and Culture Component Code 040 courses to satisfy this requirement.

² Neither BIO 4305 nor BIO 4408 count as advanced electives in any other degree program in Biology.