BS – Biology: Life Science Teacher Certification (SC-BS/BIO/SCED/TLS)

2020 Catalog year: College of Science and Engineering

Freshman Fall semester	Freshman Spring semester	Sophomore Fall semester	Sophomore Spring semester	Junior Fall semester	Junior Spring semester	Senior Fall semester	Senior Spring semester
Must have a 2.75 overall GPA for all COSE courses and no grade less than C. Must be admitted to the Education Preparation Program.		PHYS 1315 (F,S,Su) & PHYS 1115 (F,S,Su) General Physics I	PHYS 1325 (F,S,Su) & PHYS 1125 (F,S,Su) General Physics II		ENG 3303 Technical Writing	BIO 4408 (S) Science Processes & Research or BIO 4305 (F) Nature Study *(see advisor for guidance)*	
BIO 1330 (F,S,Su) & BIO 1130 (F,S,Su) Functional Biology	BIO 1331 (F,S) & BIO 1131 (F,S) Organismal Biology	Choose one set: MATH 2321 (F,S,Su) & MATH 2328 (F,S,Su) or MATH 2471 (F,S,Su) & MATH 2472 (F,S,Su) or MATH 2321 (F,S,Su) & MATH 2331 (F,S,Su) *See advisor for guidance.*		4 hours from: BIO 2400 (F,S) Microbiology BIO 2411 (S) Zoology	7 hours of ADV BIO electives from approved list in catalog *(see advisor for guidance)*		
				BIO 4416 (F,S) General Ecology			
		BIO 2450 (F,S,Su) Genetics	BIO 2410 (F) Botany	or BIO 2400 or BIO 2411		BIO 4301 (F,S) Evolution	
				CI 4332 Secondary Teaching: Curriculum and Technology *- 2.75+ overall GPA* *- Junior or senior status*		Block experience: RDG 3323 CI 4343 CI 4370 ***Requires:*** *- admittance into Teaching Program* *- CI 4332 and CI 3325 with a C or higher* *- 2.75+ overall GPA* *- junior or senior classification* *- application and approval to the block experience*	
CHEM 1341 (F,S,Su) & CHEM 1141 (F,S,Su) General Chemistry I	CHEM 1342 (F,S,Su) & CHEM 1142 (F,S,Su) General Chemistry II	CHEM 2341 (F,S,Su) & CHEM 2141 (F,S,Su) Organic Chemistry I	CHEM 2342 (F,S,Su) & CHEM 2142 (F,S,Su) Organic Chemistry II	CI 3325 Adolescent Growth & Development *- 2.75+ overall GPA* *- Junior or senior status*			EDST 4681 Student Teaching

This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science Undergraduate Advising Center for advising.

Note: In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

KEY:
Arrows indicate prerequisites.
Arrows with dotted lines indicate co-requisites.
Arrows with dash lines are recommended prerequisites.
Courses taught specific semesters are indicated with the following codes:
F-Fall Su-Summer Session I or II
S-Spring

Required WI courses: BIO 4416, ENG 3303
Additional WI courses: BIO 3308, 4420, 4446, 4454

Core courses must be completed:

___US 1100	___COMM 1310	___PHIL 1305 or 1320
___ENG 1310	___ENG 1320	___ENG 2310-2360
___HIST 1310	___HIST 1320	___ART/DAN/MU/TH 2313
___POSI 2310	___POSI 2320	

___ANTH 1312/ECO 2301/ECO 2314/GEO 1310/PSY 1300/SOCI 1310

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.