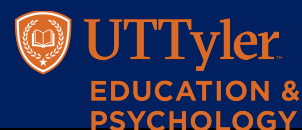


# BACHELOR OF SCIENCE IN EDUCATION DEGREE PLAN

## Life Science 7-12

### TEACHER CERTIFICATION



Name:

SID:

Date:

This degree plan is a guide to be used for planning in consultation with your academic advisor.

Course Prefix	Course Number	Course Title	Credit Hours	Notes
<b>Freshman Year First Semester</b>				
ENGL	1301	College Composition I	3	
MATH	1342	Statistics I	3	
HIST	1301	United States History I	3	
BIOL	1306	General Biology I	3	
BIOL	1106	General Biology I Lab	1	
CMST	1315	Fundamentals of Speech Communication	3	
			<b>Credit hours</b>	<b>16</b>
<b>Freshman Year Second Semester</b>				
MATH	1343	Statistics II	3	
ENGL	1302	College Composition II	3	
HIST	1302	United States History II	3	
CHEM	1311	General Chemistry I	3	
CHEM	1111	General Chemistry I Lab	1	
POLS	2305	Introductory American Government	3	
			<b>Credit hours</b>	<b>16</b>
<b>Sophomore Year First Semester</b>				
		Language, Philosophy, and Culture (Core, 3 hrs.)	3	
POLS	2306	Introductory Texas Politics	3	
MATH	2312	Pre-Calculus	3	
CHEM	1312	General Chemistry II	3	
CHEM	1112	General Chemistry II Lab	1	
GEOL	3314	Oceanography and Meteorology	3	
			<b>Credit hours</b>	<b>16</b>
<b>Sophomore Year Second Semester</b>				
		Creative Arts (Core, 3 hrs.)	3	
EDUT	1170	Inquiry Approaches to Teaching	1	
BIOL	1307	General Biology II	3	
BIOL	1107	General Biology II Lab	1	
BIOL	3336	Ecology	3	
BIOL	3137	Ecology Lab	1	
GEOL	3310	Physical Geology and Astronomy	3	
			<b>Credit hours</b>	<b>15</b>
<b>Junior Year First Semester (Phase I)</b>				
		Social and Behavioral Sciences (Core, 3 hrs.)	3	
EDUT	2170	Inquiry Based Lesson Design	1	
EDUT	3370	Knowing and Learning in Math and Science	3	
PHYS	1301	College Physics I	3	
BIOL	3332	Genetics	3	
BIOL	3133	Genetics Lab	1	
			<b>Credit hours</b>	<b>14</b>
<b>Students must be admitted into the School of Education prior to Phase II.</b>				
<b>Junior Year Second Semester (Phase II)</b>				
EDUT	3371	Classroom Interactions	3	
CHEM	3370	Perspectives on Science and Mathematics	3	

PHYS	1302	College Physics II	3
BIOL	2320	Intro to Microbiology	3
BIOL	2120	Intro to Microbiology Lab	1
BIOL	4114	Scientific Communication I	1
<b>Credit hours</b>			<b>14</b>

**Students must first pass the Life Science 7-12 content TExES exam. The TExES content exams must be passed prior to Phase III.**

Course Prefix	Course Number	Course Title	Credit Hours	Notes
<b>Senior Year First Semester</b>				
CHEM	3360	Research Methods	3	
EDUC	4378	Methodology of Teaching ESL	3	
EDUT	4370	Project-Based Instruction	3	
BIOL	3339	Plant Biology	3	
BIOL	3139	Plant Biology	1	
BIOL	3350	Conservation Biology	3	
<b>Credit hours</b>			<b>16</b>	
<b>Senior Year Second Semester</b>				
EDUC	4314	Teaching Science in the Middle and High School	3	
EDFB	4338	Literacy in Content Areas	3	
EDUC	4640	Apprentice Teaching / Clinical Teaching (70 days)	6	
EDUT	4170	Apprentice Teaching Seminar	1	
<b>Credit hours</b>			<b>13</b>	
<b>Total Credit Hours</b>			<b>120</b>	

Students interested in seeking certification in Special Education or English as a Second Language (ESL) must pass the content exams and meet the department requirements to be eligible for authorization to take the Special Education or ESL TExES exam.

Field or clinical experiences are required in conjunction with professional education courses. The School of Education in cooperation with participating school districts assigns students to school placements.

#### **TExES Exams Required for Life Science 7-12 Certificate**

- TExES Life Science 7-12 (Content)
- TExES 160 Pedagogy & Professional Responsibilities (PPR) EC-12

#### **ACADEMIC ADVISOR**

Ms. Lana Kinney

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