

COLLEGE OF EDUCATION

Bachelor of Science in Interdisciplinary Studies –
Grades 4-8 Certification – Science

The specialization you select may influence the course chosen to fulfill these requirements. For additional information contact the School of Education's Advising Office in BEP 247J or at 903-566-7022.

Recommended 4-Year Curriculum

FRESHMAN YEAR

First Semester				Second Semester			
			Credit Hours				Credit Hours
ENGL	1301	Grammar & Composition I	3	ENGL	1302	Grammar & Composition II	3
BIOL	1306	General Biology I (w/ BIOL 1106)	4	BIOL	1307	General Biology II (w/ BIOL 1107)	4
HIST	1301	United States History I	3	HIST	1302	United States History II	3
MATH	1314	College Algebra	3	MATH	1350	Concepts of Modern Math	3
EDUT	1170	Inquiry Approaches to Teaching	1			*Creative Arts	3
		*Social and Behavior Sciences	<u>3</u>	EDUT	2170	Inquiry Based Lesson Design	<u>1</u>
Total Semester Hours			17	Total Semester Hours			17

SOPHOMORE YEAR

First Semester				Second Semester			
			Credit Hours				Credit Hours
CHEM	1311	General Chemistry I (w/ CHEM 1111)	4	GEOL	3310	Physical Geology & Astronomy	3
ENGL		*World or European Literature	3	PHYS	1301	College Physics I (w/ PHYS 1101)	4
EDUT	3370	Knowing & Learning Math/Sci.	3	POLS	2306	Intro. Texas Politics	3
MATH	1351	Concepts of Modern Math II	3	CMST	3315	Intro. to Public Speaking	3
MATH	2312	Pre-Calculus	<u>3</u>	CHEM	3370	or HIST 3360 or PHYS 3360	<u>3</u>
Total Semester Hours			16	Total Semester Hours			16

JUNIOR YEAR

First Semester				Second Semester			
			Credit Hours				Credit Hours
BIOL	3345	Plant Morph. (w/ BIOL 3146) <u>or</u>		BIOL	3336	Ecology (w/ BIOL3137)	4
BIOL	3348	Plant Taxonomy (w/ BIOL 3147)	4	EDFB	4338	Literacy in Content Areas	3
EDUC	4378	Methodology of Teaching ESL	3	ENGR	1201	Introduction to Engineering	2
POLS	2305	Intro. to American Government	3			Elective	3
BIOL	3360	or CHEM 3360 or PHYS 3360	3			Elective	<u>3</u>
EDUT	3371	Classroom Interactions	<u>3</u>	Total Semester Hours			15
Total Semester Hours			16	Total Semester Hours			15

SENIOR YEAR

First Semester				Second Semester			
			Credit Hours				Credit Hours
EDUT	4370	Project-Based Instruction	3	EDUT	4170	Apprentice Teaching Seminar ¹	1
GEOL	3314	Oceanography & Meteorology	3	EDUT	4640	Clinical Teaching ²	<u>6</u>
		Electives	7	Total Semester Hours			7
MATH	1342	Statistics	<u>3</u>	Total Semester Hours			7
Total Semester Hours			16	Total Semester Hours			7

Total hours must equal at least 120 hours

NOTES:

*See UT Tyler Core Curriculum for approved course(s).

¹ In order to be eligible for a recommendation for 4-8 teacher certification, candidates must pass required TEXES examinations in addition to successfully completing the requirements for the BSIS degree and student teaching.

² Clinical Teaching: Requirements for admission to clinical teach are provided in the Educator Preparation Program section following the certification section of the university catalog.

All professional development courses and many specialization courses require related field experiences. These experiences occur in accredited schools. Individual instructors assign specific course requirements related to field experience. In addition to the professional development courses, courses in early childhood, reading, and special education may also have field experience components. Refer to course descriptions in the university catalog. Field activities are assigned by the course instructor. The College of Education and Psychology Center for Undergraduate Advising and Clinical Experiences in cooperation with participating school districts assigns students to school placements.

+This is only a recommended outline. Because degree requirements do change, you should consult an advisor as well as the University Catalog, which is the only official document regarding baccalaureate degree requirements. Consult with your advisor for additional information on degree requirements and schedule planning.