

BS, MAJOR IN INTERDISCIPLINARY STUDIES CERTIFICATE: 4-8 SCIENCE

Code	Title	Hours
Bachelor of Science, Major in Interdisciplinary Studies Certificate: 4-8 Science		
Core Curriculum		
	Component Area I (Communication)	6
	Component Area II (Mathematics)	3
	Component Area III (Life and Physical Science) ¹	8
	Component Area IV (Language, Philosophy, and Culture)	3
	Component Area V (Creative Arts) ¹	3
	Component Area VI (U.S. History)	6
	Component Area VII (Political Science/Government)	6
	Component Area VIII (Social and Behavioral Sciences) ¹	3
	Component Area IX (Component Area Option) ¹	4
Degree Specific Requirements		
ENGL 2332 or ENGL 2333	Wrld Lit I: Before 17 Century ² World Lit II: 17th C & After	3
MATH 1384	Intro To Foundations Of Math I ³	3
Major Core		
BESL 3301	Second Language Acquisition ⁴	3
CIME 2313	Teaching as a Profession	3
CIME 3327	Integ Tech in Middle Grades ⁵	3
CIME 3374	Human Growth & Learning ⁶	3
CIME 3375	The Middle Level Child	3
CIME 3385	The Middle Grades Classroom	3
EDUC 1101	Educator Preparation	1
MATH 1385	Intro Foundations Of Math II	3
MATH 2384	Functions And Graphs	3
SPED 2301	Introduction to Exceptionality ⁷	3
Field Experience I		
READ 3373	Content Area Rdg In Mid Grades	3
READ 3374	Voc & Word Stdy In Mid Grades	3
Field Experience II		
SPED 3301	Learn and Instruc Child W/Disa	3
TESL 3303	Litr Strat for Eng Lng Lrnrs	3
Field Experience III		
CIME 3376	Curriculum & Assmt For Mid Grd	3
CIME 4335	Teaching Science in the Middle Grades	3
TESL 4303	Teaching Eng As A Second Lang	3
Student Teaching		
CIME 4391	Student Teaching in the Middle Grades	3
CIME 4392	Student Teaching in the Middle Grades	3
EDUC 4301	Teacher Education Capstone	3
Major		
CHEM 1305 & CHEM 1105	Applying Chemistry to Society and Chemistry in Context Lab	4
GEOG 1401	Weather and Climate	4
GEOL 1403	Physical Geology	4
GEOL 1404	Historical Geology	4
	Choose one of the following:	4

ASTR 3303	Life in the Universe	
ASTR 3383	Cosmic Catastrophes	
BIOL 1411	General Botany	
BIOL 1413	General Zoology	
BIOL 2401	Human Anatomy ⁸	
GEOL 3330	Oceanography	
GEOL 3326	Environmental Geology	
PHYS 1305 & PHYS 1105	Classical Physics & Thermodynamic and Class Phy & Thermodynamics Lab	4
PHYS 1403	Stars & Galaxies	4
Total Hours		128

- ¹ Component Area III: BIOL 1408 and 1436 suggested; Component Area V: FAMC 2301 suggested; Component Area VIII: GEOG 1321 or BESL 2301 suggested; Component Area IX: ECON 1100 and COMS 2382 suggested.
- ² ENGL 2332 or ENGL 2333 satisfy the Core Curriculum requirement for Component Area IV Language, Philosophy, and Culture) as well as the major.
- ³ MATH 1384 satisfies the Core Curriculum requirement for Component Area II (Mathematics) as well as the major.
- ⁴ BESL 3301 prerequisite for TESL 3303.
- ⁵ CIME 3327 prerequisite for CIME Block.
- ⁶ CIME 3374 prerequisite for CIME 3327.
- ⁷ SPED 2301 prerequisite for SPED 3301.
- ⁸ BIOL 2401 recommended.

Notes

- Student Teaching Block is considered a FULL LOAD at SHSU. Please check prerequisites for Literacy Methods Block, Content Methods Block and Student Teaching.
- Field Experience in public schools is required for many CIEE, ECHE, CIME, READ classes.
- Full admission to the Educator Preparation program is required prior to enrollment in Literacy or Content Methods and Student Teaching.

First Year

Fall	Hours Spring	Hours
Component Area III ¹	4 Component Area III ¹	4
Component Area V ¹	3 Component Area VIII ¹	3
Component Area IX ¹	1 ENGL 1302 ²	3
ENGL 1301 ²	3 HIST 1302 ³	3
HIST 1301 ³	3 MATH 1385	3
MATH 1384 ⁴	3 POLS 2305 ⁵	3
	17	19

Second Year

Fall	Hours Spring	Hours
Component Area IX ¹	3 CIME 3374 ⁷	3
CIME 2313	3 GEOL 1403	4
EDUC 1101	1 MATH 2384	3
ENGL 2332 ⁶	3 PHYS 1403	4
PHYS 1305 & PHYS 1105	4 SPED 2301 ⁸	3
POLS 2306 ⁵	3	
	17	17

Third Year

Fall	Hours Spring	Hours
BESL 3301 ⁹	3 BIOL 2401 ¹⁰	4
CHEM 1305 & CHEM 1105	4 CIME 3327 ¹¹	3
GEOG 1401	4 GEOL 1404	4

READ 3373	3 SPED 3301	3
READ 3374	3 TESL 3303	3
17		17
Fourth Year		
Fall	Hours Spring	Hours
CIME 3375	3 CIME 4391	3
CIME 3376	3 CIME 4392	3
CIME 3385	3 EDUC 4301	3
CIME 4335	3	
TESL 4303	3	
15		9

Total Hours: 128

- 1 Component Area III: BIOL 1408 and 1436 suggested; Component Area V: FAMC 2301 suggested; Component Area VIII: GEOG 1321 or BESL 2301 suggested; Component Area IX: ECON 1100 and COMS 2382 suggested.
- 2 Satisfies Core Curriculum requirement for Component Area I (Communication).
- 3 Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- 4 Satisfies Core Curriculum requirement for Component Area II (Mathematics) and major.
- 5 Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- 6 Satisfies Core Curriculum requirement for Component Area IV (Language, Philosophy, and Culture).
- 7 CIME 3374 prerequisite for CIME 3327.
- 8 SPED 2301 prerequisite for SPED 3301.
- 9 BESL 3301 prerequisite for TESL 3303
- 10 BIOL 2401 recommended.
- 11 CIME 3327 prerequisite for CIME Block.

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