

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

Bachelor of Science, Major in Interdisciplinary Studies Certificate: 4-8 Mathematics/Science

Core Curriculum (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum)

Component Area I (Communication)	6
Component Area II (Mathematics)	3
Component Area III (Life and Physical Science)	8
Component Area IV (Language, Philosophy, and Culture)	3
Component Area V (Creative Arts)	3
Component Area VI (U.S. History)	6
Component Area VII (Political Science/Government)	6
Component Area VIII (Social and Behavioral Sciences)	3
Component Area IX (Component Area Option)	4

Degree Specific Requirements

BESL 2301	Multicultural Infl On Learning	3
CHEM 1406	Inorganic & Envir Chemistry	4
GEOG 1401	Weather and Climate	4
MATH 1385	Intro Foundations Of Math II	3
PHYS 1305 & PHYS 1105	Classical Physics & Thermodynmc and Class Phy & Thermodynamics Lab	4
SPED 2301	Intro To Special Education	3
SPED 3301	Learn and Instruc Child W/Disa	3

Major Core

BESL 3301	Lang Acquisition Thry-2nd Lang	3
BIOL 2401	Human Anatomy	4
CIEE 2333	Becoming A Teacher	3
CIME 3374	Human Growth & Learning	3
CIME 3385	The Middle Grades Classroom	3
MATH 2384	Functions And Graphs	3
MATH 2385	Fundamentals Of Calculus	3
MATH 3383	Geometric Meas./Transformation	3
MATH 3384	Foundations Of Mathematics	3
MATH 3386	Fundmtls Probability/Stats	3
MATH 3387	Problem Solving-Middle Sch Mth	3

Major

Literacy Methods Block:

READ 3373	Content Area Rdg In Mid Grades	3
READ 3374	Voc & Word Stdy In Mid Grades	3

Content Methods Block:

CIME 3375	The Middle Level Child	3
CIME 3376	Curriculum & Assmt For Mid Grd	3
CIME 4116	Integrating Technology in the Middle Grades II	1
CIME 4227	Integrating Technology in the Middle Grades I	2
CIME 4335	Teaching Science in the Middle Grades	3
CIME 4391	Student Teaching in the Middle Grades	3
CIME 4392	Student Teaching in the Middle Grades	3
CIME 4334	Teaching Math in Middle Grades	3

Student Teaching Block:

TESL 4303	Teaching Eng As A Second Lang	3
Total Hours		130

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 II	3 CHEM 1406	4
Component Area III (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaaiii)	4 Component Area VIII (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii)	3
Component Area IX	1 ENGL 1302 ¹	3
ENGL 1301 ¹	3 HIST 1302 ²	3
HIST 1301 ²	3 MATH 1385	3
POLS 2305 ³	3 POLS 2306 ³	3
	17	19

Second Year

Fall	Hours Spring	Hours
BESL 2301	3 BIOL 2401	4
CIEE 2333	3 Component Area V (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav)	3
Component Area III (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaaiii)	4 MATH 2385	3
Component Area IX	3 PHYS 1305 & PHYS 1105	4
MATH 2384	3 SPED 3301	3
SPED 2301	3	
	19	17

Third Year

Fall	Hours Spring	Hours
CIME 3374	3 BESL 3301	3
CIME 3385	3 MATH 3384	3
Component Area IV (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv)	3 MATH 3386	3
GEOG 1401	4 READ 3373	3
MATH 3383	3 READ 3374	3
MATH 3387	3	
	19	15

Fourth Year

Fall	Hours Spring	Hours
CIME 3375	3 CIME 4116	1
CIME 3376	3 CIME 4391	3
CIME 4227	2 CIME 4392	3
CIME 4334	3 TESL 4303	3
CIME 4335	3	
	14	10

Total Hours: 130

- ¹ Satisfies requirement for Component Area I (Communication)
- ² Satisfies requirement for Component Area VI (U.S. History).
- ³ Satisfies requirement for Component Area VII (Political Science/Government).