

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

Code	Title	Hours
<b>Bachelor of Science, Major in Interdisciplinary Studies Certificate: 4-8 Mathematics</b>		
<b>Core Curriculum</b>		
	Component Area I (Communication)	6
	Component Area II (Mathematics)	3
	Component Area III (Life and Physical Science) <sup>1-</sup>	8
	Component Area IV (Language, Philosophy, and Culture)	3
	Component Area V (Creative Arts) <sup>1-</sup>	3
	Component Area VI (U.S. History)	6
	Component Area VII (Political Science/Government)	6
	Component Area VIII (Social and Behavioral Sciences) <sup>1-</sup>	3
	Component Area IX (Component Area Option) <sup>1-</sup>	4
<b>Degree Specific Requirements</b>		
ENGL 2332 or ENGL 2333	Wrld Lit I: Before 17 Century <sup>2</sup> World Lit II: 17th C & After	3
MATH 1384	Intro To Foundations Of Math I <sup>3</sup>	3
<b>Major Core</b>		
EDUC 1101	Educator Preparation	1
BESL 3301	Second Language Acquisition	3
CIME 3374	Human Growth & Learning	3
CIME 3385	The Middle Grades Classroom	3
MATH 1385	Intro Foundations Of Math II	3
MATH 2384	Functions And Graphs	3
MATH 2385	Fundamentals Of Calculus	3
MATH 3380	Historical Perspec of Math	3
MATH 3383	Geometric Meas./Transformation	3
MATH 3384	Foundations Of Mathematics	3
MATH 3386	Fundmntls Probability/Stats	3
MATH 3387	Problem Solving-Middle Sch Mth	3
SPED 3301	Learn and Instruc Child W/Disa	3
<b>Major</b>		
TESL 3303	Litr Strat for Eng Lng Lrners	3
SPED 2301	Introduction to Exceptionality	3
CIME 2313	Teaching as a Profession	3
CIME 3327	Integ Tech in Middle Grades	3
CIME 3375	The Middle Level Child	3
<b>Literacy Methods Block:</b>		
READ 3373	Content Area Rdg In Mid Grades	3
READ 3374	Voc & Word Stdy In Mid Grades	3
<b>Content Methods Block:</b>		
CIME 3376	Curriculum & Assmt For Mid Grd	3
CIME 4334	Teaching Math in Middle Grades	3
CIME 4335	Teaching Science in the Middle Grades	3
TESL 4303	Teaching Eng As A Second Lang	3
<b>Student Teaching Block:</b>		
CIME 4391	Student Teaching in the Middle Grades	3
CIME 4392	Student Teaching in the Middle Grades	3

EDUC 4301	Teacher Education Capstone	3
Total Hours		122

<sup>1</sup> Component III: Suggested BIOL 1408, BIOL 1436 CHEM 1305/CHEM 1105; Component V: Suggested FAMC 2301; Component VIII: Suggested BESL 2301 or GEOG 1300, Component IX COMS 2382.

<sup>2</sup> ENGL 2332 or ENGL 2333 satisfies the requirement for Component Area IV (Language, Philosophy, and Culture) and the major

<sup>3</sup> MATH 1384 satisfies the requirement for Component Area II (Mathematics) and the major.

### 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 CIME, READ, and SPED 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 <sup>1</sup>	4 Component Area VIII <sup>1</sup>	3
Component Area V <sup>1</sup>	3 Component Area IX <sup>1</sup>	1
ENGL 1301 <sup>2</sup>	3 ENGL 1302 <sup>2</sup>	3
HIST 1301 <sup>3</sup>	3 HIST 1302 <sup>3</sup>	3
MATH 1384 <sup>4</sup>	3 MATH 1385	3
	POLS 2305 <sup>5</sup>	3
	16	16

### Second Year

Fall	Hours Spring	Hours
Component Area III <sup>1</sup>	4 CHEM 1305	3
CIME 2313	3 CHEM 1105	1
EDUC 1101	1 CIME 3374	3
ENGL 2332 or 2333 <sup>6</sup>	3 MATH 2385	3
MATH 2384	3 MATH 3380	3
POLS 2306 <sup>5</sup>	3 SPED 2301	3
	17	16

### Third Year

Fall	Hours Spring	Hours
BESL 3301 <sup>7</sup>	3 CIME 3327	3
CIME 3385	3 MATH 3386	3
MATH 3383	3 MATH 3387	3
MATH 3384	3 SPED 3301	3
READ 3373	3 TESL 3303	3
READ 3374	3	
	18	15

### Fourth Year

Fall	Hours Spring	Hours
CIME 3375	3 CIME 4391	3
CIME 3376	3 CIME 4392	3
CIME 4334	3 EDUC 4301	3
CIME 4335	3	
TESL 4303	3	
	15	9

Total Hours: 122

<sup>1</sup> Component III: Suggested BIOL 1408, BIOL 1436 CHEM 1305/CHEM 1105; Component V: Suggested FAMC 2301; Component VIII: Suggested BESL 2301 or GEOG 1300; Component IX COMS 2382

<sup>2</sup> Satisfies Core Curriculum requirement for Component Area I (Communication).

- 3 Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- 4 MATH 1384 satisfies the requirement for Component Area II (Mathematics) and the major.
- 5 Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- 6 ENGL 2332 or ENGL 2333 satisfies the requirement for Component Area IV (Language, Philosophy, and Culture) and the major.
- 7 BESL 3301 prerequisite for TESL 3303

- Note:**
- 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 CIME, READ, and SPED classes.
  - Full admission to the Educator Preparation program is required prior to enrollment in Literacy or Content Methods and Student Teaching.