

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

Code	Title	Hours
Bachelor of Science, Major in Interdisciplinary Studies Certificate: 4-8 Mathematics		
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) 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 Foundations of Math I ³	3
Major Core		
BESL 3301	Second Language Acquisition ⁴	3
CHEM 1305	Applying Chemistry to Society	3
CHEM 1105	Chemistry in Context Lab	1
CIME 2313	Teaching as a Profession	3
CIME 3327	Integ Tech in Middle Grades	3
CIME 3374	Human Growth & Learning	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
SPED 2301	Introduction to Exceptionality ⁵	3
SPED 3301	Learn and Instruc Child W/Disa	3
TESL 3303	Litr Strat for Eng Lng Lrners ⁶	3
Major		
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	Fundmtls of Probability/Stats	3
MATH 3387	Problem Solving-Middle Sch Mth	3
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 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
Student Teaching /4+1 MED Pre-Internship Block: ⁷		9-14
Student Teaching		

EDUC 4301	Teacher Education Capstone
CIME 4391	Student Teaching in the Middle Grades
CIME 4392	Student Teaching in the Middle Grades
4+1 Pre-Internship	
CIED 5360	Adv Techniques & Mthds Instr
CIED 5390	Adv Mths Classroom Mgt & Disc
CIED 5393	Assessment Of Learning
Elective (5 SCH) ⁷	
Total Hours	125-130

- ¹ 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: ECON 1100 and COMS 2382.
- ² ENGL 2332 or ENGL 2333 satisfies the Core Curriculum requirement for Component Area IV (Language, Philosophy, and Culture) and the major
- ³ MATH 1384 satisfies the Core Curriculum requirement for Component Area II (Mathematics) and the major.
- ⁴ BESL 3301 prerequisite for TESL 3303.
- ⁵ SPED 2301 prerequisite for SPED 3301.
- ⁶ TESL 3303 prerequisite for TESL 4303.
- ⁷ Students admitted into the MED in Curriculum & Instruction as part of the 4+1 program may satisfy their Student Teaching requirement with the MED Pre-Internship coursework and 5 additional free elective hours.

Notes

Student Teaching Block is considered a FULL LOAD at SHSU. Please check prerequisites for Literacy Methods Block, Content Methods Block, Field Experience I, 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 Content Methods, Field Experience I, and Student Teaching.

Bachelor of Science in Interdisciplinary Studies and Master of Education in Curriculum and Instruction 4+1 Program Admission Documentation and Criteria

Applicants seeking admission to the Bachelor of Science in Interdisciplinary Studies and Master of Education in Curriculum and Instruction 4+1 Program must submit the following:

- 4+1 Program Application through TK20
- Current undergraduate transcript demonstrating a minimum 3.15 overall GPA or last 60 SCH.
- Three Reference Forms (at least two from SHSU professors)
- Writing Sample

Admission to the 4+1 program is competitive and the number of available positions is limited. The top candidates from the initial application review will progress to a group interview and must also submit:

- a video recording of themselves conducting a 20-30 minute lesson in a K-12 classroom
- an in-person writing sample

Before a formal offer of admission will be issued, the applicant must supply evidence that he or she has passed both the appropriate content TExES and PPR TExES certification exams.

First Year

Fall	Hours Spring	Hours
Component Area III (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii) ¹	4 Component Area VIII (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii) ¹	3
Component Area V (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav) ¹	3 Component Area IX (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix) ¹	1
ENGL 1301 ²	3 ENGL 1302 ²	3

HIST 1301 ³	3 HIST 1302 ³	3
MATH 1384 ⁴	3 MATH 1385	3
	POLS 2305 ⁵	3
	16	16
Second Year		
Fall	Hours Spring	Hours
Component Area III (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii) ¹	4 CHEM 1305	3
CIME 2313	3 CHEM 1105	1
COMS 2382 ¹	3 CIME 3374	3
EDUC 1101	1 MATH 2385	3
ENGL 2332 or 2333 ⁶	3 MATH 3380	3
MATH 2384	3 SPED 2301	3
POLS 2306 ⁵	3	
	20	16
Third Year		
Fall	Hours Spring	Hours
BESL 3301 ⁷	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 ⁸	3
READ 3374	3	
	18	15
Fourth Year		
Fall	Hours Spring	Hours
CIME 3375	3 Student Teaching/Pre-Internship Block ⁹	9-14
CIME 3376	3 Student Teaching	
CIME 4334	3 CIME 4391	
CIME 4335	3 CIME 4392	
TESL 4303	3 EDUC 4301	
	4+1 Pre-Internship	
	CIED 5360	
	CIED 5390	
	CIED 5393	
	Elective (5 SCH) ⁹	
	15	9-14

Total Hours: 125-130

- ¹ 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: ECON 1100 (<http://catalog.shsu.edu/search/?P=ECON%201100>) and COMS 2382
- ² 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 Core Curriculum 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.
- ⁸ TESL 3303 prerequisite for TESL 4303.
- ⁹ Students admitted into the MED in Curriculum & Instruction as part of the 4+1 program may satisfy their Student Teaching requirement with the MED Pre-Internship coursework and 5 additional free elective hours.

Notes

Student Teaching Block is considered a FULL LOAD at SHSU. Please check prerequisites for Literacy Methods Block, Content Methods Block, Field Experience I, 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 Content Methods, Field Experience I, and Student Teaching.

Bachelor of Science in Interdisciplinary Studies and Master of Education in Curriculum and Instruction 4+1 Program Admission Documentation and Criteria

Applicants seeking admission to the Bachelor of Science in Interdisciplinary Studies and Master of Education in Curriculum and Instruction 4+1 Program must submit the following:

- 4+1 Program Application through TK20
- Current undergraduate transcript demonstrating a minimum 3.15 overall GPA or last 60 SCH.
- Three Reference Forms (at least two from SHSU professors)
- Writing Sample

Admission to the 4+1 program is competitive and the number of available positions is limited. The top candidates from the initial application review will progress to a group interview and must also submit:

- a video recording of themselves conducting a 20-30 minute lesson in a K-12 classroom
- an in-person writing sample

Before a formal offer of admission will be issued, the applicant must supply evidence that he or she has passed both the appropriate content TExES and PPR TExES certification exams.