

BACHELOR OF SCIENCE, MAJOR IN EDUCATION, 4-8 MATHEMATICS: 4+1 MED IN TEACHING & LEARNING

Admission Documentation and Criteria

Applicants seeking admission to the Bachelor of Science in Education and Master of Education in Teaching and Learning 4+1 Program must submit the following:

- 4+1 Program Application through Apply Texas
- Current undergraduate transcript demonstrating a minimum 3.00 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.

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.

Code	Title	Hours
Bachelor of Science, Major in Education, 4-8 Mathematics: 4+1 MED in Teaching & Learning		
Core Curriculum (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/)		
Component Area I (Communication)		6
Component Area II (Mathematics) ¹		3
Component Area III (Life and Physical Science) ²		8
Component Area IV (Language, Philosophy, and Culture) ³		3
Component Area V (Creative Arts) ⁴		3
Component Area VI (U.S. History)		6
Component Area VII (Political Science/Government)		6
Component Area VIII (Social and Behavioral Sciences) ⁵		3
Component Area IX (Component Area Option) ⁶		4
Degree Specific Requirements		
ENGL 2332 or ENGL 2333	Wrld Lit I: Before 17 Century ³ World Lit II: 17th C & After	3
MATH 1384	Intro Foundations of Math I ¹	3
Major: Foundation		
BESL 3301	Second Language Acquisition ⁷	3
CHEM 1305 & CHEM 1105 or CHEM 1406	Applying Chemistry to Society and Chemistry in Context Lab Inorganic & Envir Chemistry	4
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
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
SPED 2301	Introduction to Exceptionality ⁸	3

Major: Prescribed Electives

Education Undergraduate Elective		1
Field Experience I		
READ 3373	Content Area Rdg In Mid Grades ⁹	3
READ 3374	Voc & Word Stdy In Mid Grades ⁹	3
Field Experience II		
SPED 3301	Learn and Instruc Child W/Disa	3
TESL 3313	ESL Methodology I ¹⁰	3
YLR Semester I		
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
CIME 4391	Student Teaching in the Middle Grades	3
4+1 MED Pre-Internship¹¹		
CIED 5383	Integrating Currt Tech In Tchg	3
CIED 5393	Assessment Of Learning	3
SPED 5301	Ed Of Indvcls Wth Disabilities	3
TESL 4314	ESL Methodology II	3
4+1 MED Teaching & Learning		
BESL 5318	Sheltered Instruction in PK-12	3
CIED 5085	Advanced Research in Teaching	3
CIED 5370	Research In Teaching	3
CIED 5382	Instructional Coaching	3
CIED 5390	Adv Mths Classroom Mgt & Disc	3
CIED 5398	Practicum in Classrm Instrc II	3
CIED 5399	Internship In Classroom Instrc	3
Minor: Not Required^{12,13}		
Total Hours		150

- ¹ MATH 1384 satisfies the Core Curriculum requirement for Component Area II (Mathematics) and the major.
- ² To satisfy Component III, BIOL 1408, BIOL 1436 OR CHEM 1305/CHEM 1105 is suggested.
- ³ ENGL 2332 or ENGL 2333 satisfies the requirement for Component Area IV (Language, Philosophy, and Culture) and the major.
- ⁴ To satisfy Component V, CAMX 2301 is suggested.
- ⁵ To satisfy Component VIII, BESL 2301 OR GEOG 1300 is suggested.
- ⁶ To satisfy Component IX, ECON 1100 and COMS 2382 are suggested.
- ⁷ BESL 3301 is the prerequisite for TESL 3313.
- ⁸ SPED 2301 is the prerequisite for SPED 3301.
- ⁹ READ 3373 and READ 3374 (Field Experience I) are prerequisites for READ 3388 and READ 3389 in Field Experience II.
- ¹⁰ TESL 3313 is the prerequisite for TESL 4314.
- ¹¹ Students must apply for graduation with their bachelor's degree during their M.Ed. Pre-Internship semester to be eligible for their Internship placement.
- ¹² A minor is not required for this degree program; however, a student has the option to add a minor, but to do so additional semester credits hours may be needed above the degree program's stated total semester credit hours.
- ¹³ All minors can be paired with this degree program.

Notes

Students must earn a 2.75 minimum overall GPA in all coursework.

Students must meet a 2.75 minimum overall major GPA or in the last 60 semester hours in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must meet a 2.75 minimum SHSU major GPA in all major coursework.

Students must maintain a 2.75 GPA or greater overall or in the last 60 semester hours. This includes transfer and SHSU courses.

Student Teaching Block is considered a FULL LOAD at SHSU. Please check prerequisites for Field Experience I, Field Experience II, YLR Semester I, and YLR Semester II. Each field experience block must be completed successfully in order to progress through the field experience sequence.

Field Experience in public schools is required for many CIME, READ, TESL, and SPED classes.

Full admission to the Educator Preparation program and CIME 2313, CIME 3374, and SPED 2301 are required prior to enrollment in Field Experience I.

BESL 3301 is required prior to enrollment in Field Experience II.

CIME 3385 is required prior to enrollment in YLR Semester I.

4-8 teaching candidates are now eligible to add a Minor in Special Education. This degree minor provides a pathway for College of Education students majoring in grades 4-8 certification tracks or the grades 7-12 certification tracks to also graduate with a teaching certification in the area of special education. The course requirements are available here (<http://catalog.shsu.edu/archives/2022-2023/undergraduate/colleges-academic-departments/education/school-of-teaching-and-learning/special-education-minor/>).

First Year

Fall	Hours	Spring	Hours
Component Area III (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii) ¹		4 Component Area VIII (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii) ⁶	3
Component Area V (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav) ²		3 Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix) ⁷	1
ENGL 1301 ³		3 ENGL 1302 ³	3
HIST 1301 ⁴		3 HIST 1302 ⁴	3
MATH 1384 ⁵		3 MATH 1385	3
		POLS 2305 ⁸	3
		16	16

Second Year

Fall	Hours	Spring	Hours
Component Area III (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii) ²		4 CHEM 1305 & CHEM 1105 (or CHEM 1406)	4

Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix) ⁷	3 CIME 3374	3			
CIME 2313	3 EDUC 1101	1			
ENGL 2332 or 2333 ⁹	3 MATH 2385	3			
MATH 2384	3 MATH 3380	3			
POLS 2306 ⁸	3 SPED 2301 ¹⁰	3			
	General Electives	1			
	19	18			
Third Year					
Fall	Hours	Spring	Hours		
BESL 3301 ¹¹		3 CIME 3327	3		
CIME 3385		3 MATH 3386	3		
MATH 3383		3 MATH 3387	3		
MATH 3384		3 SPED 3301	3		
READ 3373 ¹²		3 TESL 3313 ¹³	3		
READ 3374 ¹²		3			
	18	15			
Fourth Year					
Fall	Hours	Spring	Hours		
CIME 3375		3 CIED 5383 ¹³	3		
CIME 3376		3 CIED 5393 ¹³	3		
CIME 4334		3 SPED 5301 ¹³	3		
CIME 4335		3 TESL 4314 ^{13,14}	3		
CIME 4391		3			
	15	12			
Fifth Year					
Fall	Hours	Spring	Hours	Summer	Hours
BESL 5318		3 CIED 5370		3 CIED 5085	3
CIED 5398		3 CIED 5399		3 CIED 5382	3
				CIED 5390	3
	6	6		6	9

Total Hours: 150

- ¹ MATH 1384 satisfies the Core Curriculum requirement for Component Area II (Mathematics) and the major.
- ² To satisfy Component III, BIOL 1408, BIOL 1436 OR CHEM 1305/CHEM 1105 is suggested.
- ³ To satisfy Component V, CAMX 2301 is suggested.
- ⁴ Satisfies Core Curriculum requirement for Component Area I (Communications).
- ⁵ Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- ⁶ To satisfy Component VIII, BESL 2301 OR GEOG 1300 is suggested.
- ⁷ To satisfy Component IX, ECON 1100 and COMS 2382 are suggested.
- ⁸ Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- ⁹ ENGL 2332 or ENGL 2333 satisfies the requirement for Component Area IV (Language, Philosophy, and Culture) and the major.
- ¹⁰ SPED 2301 is the prerequisite for SPED 3301.
- ¹¹ BESL 3301 is the prerequisite for TESL 3313.
- ¹² READ 3373 and READ 3374 (Field Experience I) are prerequisites for READ 3388 and READ 3389 in Field Experience I.
- ¹³ Students must apply for graduation with their bachelor's degree during their M.Ed. Pre-Internship semester to be eligible for their Internship placement.

¹⁴ TESL 3313 is the prerequisite for TESL 4314.

Notes

Students must earn a 2.75 minimum overall GPA in all coursework.

Students must meet a 2.75 minimum overall major GPA or in the last 60 semester hours in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must meet a 2.75 minimum SHSU major GPA in all major coursework.

Students must maintain a 2.75 GPA or greater overall or in the last 60 semester hours. This includes transfer and SHSU courses.

Student Teaching Block is considered a FULL LOAD at SHSU. Please check prerequisites for Field Experience I, Field Experience II, YLR Semester I, and YLR Semester II. Each field experience block must be completed successfully in order to progress through the field experience sequence.

Field Experience in public schools is required for many CIME, READ, TESL, and SPED classes.

Full admission to the Educator Preparation program and CIME 2313, CIME 3374, and SPED 2301 are required prior to enrollment in Field Experience I.

BESL 3301 is required prior to enrollment in Field Experience II.

CIME 3385 is required prior to enrollment in YLR Semester I.

4-8 teaching candidates are now eligible to add a Minor in Special Education. This degree minor provides a pathway for College of Education students majoring in grades 4-8 certification tracks or the grades 7-12 certification tracks to also graduate with a teaching certification in the area of special education. The course requirements are available here (<http://catalog.shsu.edu/archives/2022-2023/undergraduate/colleges-academic-departments/education/school-of-teaching-and-learning/special-education-minor/>).

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's **60x30TX plan** and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS, Major in Education, 4-8 Mathematics: 4+1 MED Teaching and Learning is designed to provide graduates with the following marketable skills:

- Prepared to teach all Mathematics content necessary for 4 - 8 certification.
- Prepared to implement evidence-based methods of teaching and learning.
- Fully qualified to teach in Texas public schools.