

B.S. EDUCATION

OVERVIEW

Teacher Education, one of the major programs at A&M-Central Texas, emphasizes broad general education as a foundation for mastery of teaching skills and specialized knowledge in an academic discipline. The primary purpose of teacher education is to prepare highly qualified teachers for employment in Texas and the nation. The goal of the Educator Preparation Program is to develop teachers who:

1. Possess appropriate knowledge and abilities in specific content areas or teaching fields.
2. Communicate effectively with students, parents, and other professionals.
3. Apply the principles of instructional planning in the development of curriculum.
4. Use effective teaching practices.
5. Formally and informally evaluate student performance and use results of such assessment in the instructional decision-making process.
6. Promote critical thinking and participatory citizenship.
7. Are skilled in the use of instructional technology.
8. Are proficient in mathematical skills.
9. Operate within the legal guidelines and uphold the ethics of the teaching profession.
10. Demonstrate concern for students' general welfare.
11. Are committed to continued professional growth and development.

Program Level Student Learning Outcomes

The student will be able to:

- Achieve the necessary knowledge and skills to earn teacher certification in Texas.
- Be employable as educators in Texas.
- Demonstrate an understanding of the disciplines studied to earn a baccalaureate degree.
- Communicate effectively both in writing and speaking.

Students are encouraged to speak with an Academic Advisor prior to Block I for a student educational plan. Students must meet with an Academic Advisor prior to enrollment into Block I courses.

Acceptance into the BS in Education Major:

Students will be accepted into the Bachelor of Science in Education major when they are accepted into the university and meet application criteria required to enroll in Block I courses. Criteria include the completion of the majority of the lower 60 hours required in the BS in Education degree plan. Specifically, students should have completed four ENGL courses, college algebra, US History I and II, Texas and Federal Government, two of the three science courses with labs, a psychology course, and MATH 1350.

Admittance into the Educator Preparation Program:

After successful completion of all Block I classes (EDUC 3420, EDUC 3430, SPED 3361, and *READ 3310), students will apply to be admitted into the Educator Preparation Program (EPP).

*BS in Education 4-8 Mathematics do not take READ 3310.

Entry Requirements needed in application to be admitted into the EPP include:

- Complete an application packet.
- Complete all Block I courses.
- Have a minimum 2.75 grade point average (GPA) overall or in the last 60 hours to include semester where 60th occurred.
- 12 credit hours of English with a grade C or better.
- College Algebra with a grade C or better.
- Completion of 60 credit hours towards the degree.
- Completion of 15 credit hours in the certification subject area with a grade of C or better.
- Content Proficiency Assessment.
- Interview.
- TSI complete.

Bachelor of Science Education - Elementary

Refer to the General Education Core Requirements (catalog.tamuct.edu/undergraduate-information/general-education-core-requirements/) page for more information on the CORE REQ coursework. The Field of Study (FOS) courses are listed in the footnotes (if applicable). At least 120 credit hours are required for the degree.

The program listed is a general guideline for semester coursework, speak with a college advisor for an individualized student education plan. This program may require summer coursework.

Please note the following courses require a grade of 'C' or better: 12 credit hours of English, College Algebra, and approved Educational Psychology course and completion of 15 credit hours in the certification subject area.

Code	Title	Credit Hours
First Year		
Fall		
ENGL 1301	Composition I (CORE REQ (010))	3
MATH 1314	College Algebra (CORE REQ (020))	3
	CORE REQ Life and Physical Sciences (030)	4
EDUC 1301	Introduction to the Teaching Profession (DEG REQ)	3
TECA 1354	Child Growth & Development (CORE REQ (080))	3
	or PSYC 2308 Child Psychology	
	or PSYC 2301 General Psychology	
	or PSYC 3303 Educational Psychology	
Spring		
ENGL 1302	Composition II (CORE REQ (010))	3
SPCH 1315	Public Speaking (DEG REQ)	3
	or SPCH 1311 Introduction to Speech Communication	
	or SPCH 1318 Interpersonal Communication	
	or SPCH 1321 Business & Professional Communication	

HIST 1301	United States History I (CORE REQ (060))	3
CORE REQ Biology Elective (090) ³		
MATH 1350	Mathematics for Teachers I (DEG REQ)	3
or MATH 3303	Concepts of Elementary Math I	
Second Year		
Fall		
PHYS 1405	Elementary Physics I (Lecture + Lab) (CORE REQ (030))	4
or PHYS 1415	Physical Science I (Lecture + Lab)	
CORE REQ Sophomore Literature (040)		
GOVT 2305	Federal Government (CORE REQ (070))	3
HIST 1302	United States History II (CORE REQ (060))	3
MATH 1351	Mathematics for Teachers II (DEG REQ)	3
or MATH 3305	Concepts of Elementary Math II	
Spring		
GOVT 2306	Texas Government (CORE REQ (070))	3
DEG REQ Sophomore Literature ²		
CORE REQ Creative Arts (050) HUMA 1315 recommended		
EDUC 2301	Introduction to Special Populations (DEG REQ)	3
or TECA 1303	Families, School, & Community	
or ECON 2301	Principles of Macroeconomics	
or GEOG 1303	World Regional Geography	
Third Year - Approval Required		
Fall - Block I		
SPED 3361	Survey Exceptional Learners	3
EDUC 3420	Instructional Planning and Delivery	4
EDUC 3430	The Learner and the Learning Environment	4
READ 3310	Foundations of Literacy	3
Spring - Block II		
READ 3311	Literacy Development I	3
EDUC 3325	Fundamentals of Bilingual and English as a Second Language Education	3
MATH 4305	Concepts of Elem Math III	3
EDUC 3370	Instructional Strategies	3
EDUC 3371	Educational Technology and Assessment	3
READ 3301	Children's Literature in the Elementary Classroom	3
HLTH 3351	Principles of Health and Fitness for Children ¹	3
Fourth Year - Admission to Teacher Education Required		
Fall - Block III		

READ 4312	Literacy Development II	3
READ 4313	Analysis and Response	3
EDUC 4345	Mathematics & Science Methods in the Elementary Classroom	3
EDUC 4320	Integrated Social Studies Methods, EC-8	3
EDUC 4484	Field Experience	4
Spring - Block IV		
EDUC 4335	Capstone for Educators	3
EDUC 4691	Clinical Teaching	6
Total Credit Hours		120

¹ These courses may be taken during the summer.

² ENGL 3320 or ENGL 3330 allowed for the requirement.

³ Biology elective, excludes Nutrition.

Bachelor of Science Education - Middle School English Language Arts, Reading, Social Studies

Refer to the General Education Core Requirements (catalog.tamuct.edu/undergraduate-information/general-education-core-requirements/) page for more information on the CORE REQ coursework. The Field of Study (FOS) courses are listed in the footnotes (if applicable). At least 120 credit hours are required for the degree.

The program listed is a general guideline for semester coursework, speak with a college advisor for an individualized student education plan. This program may require summer coursework.

Please note the following courses require a grade of 'C' or better: 12 credit hours of English, College Algebra, and approved Educational Psychology course and completion of 15 credit hours in the certification subject area.

Code	Title	Credit Hours
First Year		
Fall		
ENGL 1301	Composition I (CORE REQ (010))	3
MATH 1314	College Algebra (CORE REQ (020))	3
CORE REQ Life and Physical Sciences (030)		
EDUC 1301	Introduction to the Teaching Profession (DEG REQ)	3
TECA 1354	Child Growth & Development (CORE REQ (080))	3
or PSYC 2308	Child Psychology	
or PSYC 2301	General Psychology	
or PSYC 3303	Educational Psychology	
Spring		
ENGL 1302	Composition II (CORE REQ (010))	3
SPCH 1315	Public Speaking (DEG REQ)	3
or SPCH 1311	Introduction to Speech Communication	
or SPCH 1318	Interpersonal Communication	
or SPCH 1321	Business & Professional Communication	

HIST 1301	United States History I (CORE REQ (060))	3
DEG REQ Biology Elective (090) ¹		
GEOG 1301	Physical Geography (DEG REQ)	3
or GEOG 1302	Human Geography	
Second Year		
Fall		
PHYS 1405	Elementary Physics I (Lecture + Lab) (CORE REQ (030))	4
or PHYS 1415	Physical Science I (Lecture + Lab)	
CORE REQ Sophomore Literature (040)		
GOVT 2305	Federal Government (CORE REQ (070))	3
HIST 1302	United States History II (CORE REQ (060))	3
HIST 2311	Western Civilization I (DEG REQ)	3
or HIST 2312	Western Civilization II	
Spring		
GOVT 2306	Texas Government (CORE REQ (070))	3
GEOG 1303	World Regional Geography (DEG REQ)	3
HIST 2301	Texas History (DEG REQ)	3
or HIST 3322	History of Texas	
CORE REQ Creative Arts (050) HUMA 1315 recommended		
ECON 2301	Principles of Macroeconomics (DEG REQ)	3
or ECON 2302	Principles of Microeconomics	
Third Year - Approval Required		
Fall - Block I		
SPED 3361	Survey Exceptional Learners	3
EDUC 3420	Instructional Planning and Delivery	4
EDUC 3430	The Learner and the Learning Environment	4
READ 3310	Foundations of Literacy	3
ENGL 3350	Children's Literature	3
or ENGL 3306	Readings in Adolescent Lit	
Spring - Block II		
ENGL 3330	Advanced Composition (or Sophomore Literature)	3
ENGL 3320	Advanced Grammars	3
READ 3311	Literacy Development I	3
EDUC 3371	Educational Technology and Assessment	3
EDUC 3370	Instructional Strategies	3
Fourth Year - Admission to Teacher Education Required		
Fall - Block III		
READ 4312	Literacy Development II	3
READ 4313	Analysis and Response	3

EDUC 4320	Integrated Social Studies Methods, EC-8	3
EDUC 3325	Fundamentals of Bilingual and English as a Second Language Education	3
EDUC 4484	Field Experience	4
Spring - Block IV		
EDUC 4335	Capstone for Educators	3
EDUC 4691	Clinical Teaching	6
Total Credit Hours		120

¹ Biology elective, excluding Nutrition.

Bachelor of Science Education - Middle School Mathematics

Refer to the General Education Core Requirements (catalog.tamuct.edu/undergraduate-information/general-education-core-requirements/) page for more information on the CORE REQ coursework. The Field of Study (FOS) courses are listed in the footnotes (if applicable). At least 120 credit hours are required for the degree.

The program listed is a general guideline for semester coursework, speak with a college advisor for an individualized student education plan. This program may require summer coursework.

Please note the following courses require a grade of 'C' or better: 12 credit hours of English, College Algebra, and approved Educational Psychology course and completion of 15 credit hours in the certification subject area.

Code	Title	Credit Hours
First Year		
Fall		
ENGL 1301	Composition I (CORE REQ (010))	3
MATH 1314	College Algebra (CORE REQ (020))	3
CORE REQ Life and Physical Sciences (030)		
EDUC 1301	Introduction to the Teaching Profession (DEG REQ)	3
TECA 1354	Child Growth & Development (CORE REQ (080))	3
or PSYC 2308	Child Psychology	
or PSYC 2301	General Psychology	
or PSYC 3303	Educational Psychology	
Spring		
ENGL 1302	Composition II (CORE REQ (010))	3
CORE REQ Creative Arts (050) HUMA 1315 recommended		
HIST 1301	United States History I (CORE REQ (060))	3
CORE REQ Biology Elective (090) ²		
MATH 1350	Mathematics for Teachers I (DEG REQ)	3
or MATH 3303	Concepts of Elementary Math I	
Second Year		
Fall		
CORE REQ Sophomore Literature (040)		

GOVT 2305	Federal Government (CORE REQ (070))	3
HIST 1302	United States History II (CORE REQ (060))	3
MATH 2412	Pre Calculus (DEG REQ)	4
MATH 1351	Mathematics for Teachers II (DEG REQ)	3
or MATH 3305	Concepts of Elementary Math II	
Spring		
GOVT 2306	Texas Government (CORE REQ (070))	3
DEG REQ Sophomore Literature		3
PHYS 1405	Elementary Physics I (Lecture + Lab) (CORE REQ (030))	4
or PHYS 1415	Physical Science I (Lecture + Lab)	
MATH 2413	Calculus I ((DEG REQ))	4
Third Year - Approval Required		
Fall - Block I		
SPED 3361	Survey Exceptional Learners	3
EDUC 3420	Instructional Planning and Delivery	4
EDUC 3430	The Learner and the Learning Environment	4
MATH 3309	Algebraic Function	3
MATH 4304	Survey of Mathematical Ideas	3
MATH 4304L	Survey of Mathematical Ideas Lab	1
Spring - Block II		
MATH 3311	Probability & Statistics I	3
MATH 3370	An Introduction to Linear Programming	3
EDUC 3371	Educational Technology and Assessment	3
EDUC 3370	Instructional Strategies	3
MATH 4305	Concepts of Elem Math III	3
MATH 4302	College Geometry ¹	3
Fourth Year - Admission to Teacher Education Required		
READ 3335	Content Area Reading ¹	3
MATH 3315	Mathematics & Technology	3
EDUC 3325	Fundamentals of Bilingual and English as a Second Language Education	3
EDUC 4484	Field Experience	4
Fall - Block III		
Spring - Block IV		
EDUC 4335	Capstone for Educators	3
EDUC 4691	Clinical Teaching	6
Total Credit Hours		120

¹ These courses may be taken during the summer.

² Biology elective, excludes Nutrition.

Bachelor of Science Education - All Level Special Education

Refer to the General Education Core Requirements (catalog.tamuct.edu/undergraduate-information/general-education-core-requirements/) page for more information on the CORE REQ coursework. The Field of Study (FOS) courses are listed in the footnotes (if applicable). At least 120 credit hours are required for the degree.

The program listed is a general guideline for semester coursework, speak with a college advisor for an individualized student education plan. This program may require summer coursework.

Please note the following courses require a grade of 'C' or better: 12 credit hours of English, College Algebra, and approved Educational Psychology course and completion of 15 credit hours in the certification subject area,

Code	Title	Credit Hours
First Year		
Fall		
ENGL 1301	Composition I (CORE REQ (010))	3
MATH 1314	College Algebra (CORE REQ (020))	3
CORE REQ Life and Physical Sciences (030)		4
EDUC 1301	Introduction to the Teaching Profession (DEG REQ)	3
TECA 1354	Child Growth & Development (CORE REQ (080))	3
or PSYC 2308	Child Psychology	
or PSYC 2301	General Psychology	
or PSYC 3303	Educational Psychology	
Spring		
ENGL 1302	Composition II (CORE REQ (010))	3
SPCH 1315	Public Speaking (DEG REQ)	3
or SPCH 1311	Introduction to Speech Communication	
or SPCH 1318	Interpersonal Communication	
or SPCH 1321	Business & Professional Communication	
HIST 1301	United States History I (CORE REQ (060))	3
DEG REQ Biology Elective (090)		4
MATH 1350	Mathematics for Teachers I (DEG REQ)	3
or MATH 3303	Concepts of Elementary Math I	
Second Year		
Fall		
PHYS 1405	Elementary Physics I (Lecture + Lab) (CORE REQ (030))	4
or PHYS 1415	Physical Science I (Lecture + Lab)	
CORE REQ Sophomore Literature (040)		3
GOVT 2305	Federal Government (CORE REQ (070))	3
HIST 1302	United States History II (CORE REQ (060))	3
MATH 1351	Mathematics for Teachers II (DEG REQ)	3

or MATH 3305	Concepts of Elementary Math II	
Spring		
GOVT 2306	Texas Government (CORE REQ (070)	3
DEG REQ Sophomore Literature		3
CORE REQ Creative Arts (050) HUMA 1315 recommended		3
EDUC 2301	Introduction to Special Populations (DEG REQ)	3
or TECA 1303	Families, School, & Community	
or ECON 2301	Principles of Macroeconomics	
or GEOG 1303	World Regional Geography	
Third Year - Approval Required		
Fall- Block I		
EDUC 3420	Instructional Planning and Delivery	4
EDUC 3430	The Learner and the Learning Environment	4
READ 3310	Foundations of Literacy	3
SPED 3361	Survey Exceptional Learners	3
Spring - Block II		
READ 3311	Literacy Development I	3
EDUC 3325	Fundamentals of Bilingual and English as a Second Language Education	3
EDUC 3370	Instructional Strategies	3
SPED 4363	Teaching Learners with Learning Disabilities	3
SPED 4365	Behavioral Management for the Classroom	3
HLTH 3351	Principles of Health and Fitness for Children ¹	3
SPED 4362	Special Education Rules and Regulations for Teacher ¹	3
Fourth Year - Admission to Teacher Education Required		
Fall - Block III		
READ 4312	Literacy Development II	3
READ 4313	Analysis and Response	3
EDUC 4345	Mathematics & Science Methods in the Elementary Classroom	3
EDUC 4320	Integrated Social Studies Methods, EC-8	3
EDUC 4484	Field Experience	4
Spring - Block IV		
EDUC 4335	Capstone for Educators	3
EDUC 4691	Clinical Teaching	6
Total Credit Hours		120

¹ These courses may be taken during the summer.