

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.

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 at least 54 hours required in the BS in Education degree plan. Specifically, students should have completed:

Elementary (EC-6), All Level Special Education: two ENGL courses, college algebra, US History I and II, Texas and Federal Government, and two of the three science courses with labs.

ELAR/SS (4-8), ELAR (4-8 and 7-12): four ENGL courses, college algebra, US History I and II, Texas and Federal Government, and two of the three science courses.

Middle School Mathematics (4-8) and Middle School Social Studies (4-8): two ENGL courses, college algebra, US History I and II, Texas and Federal Government, and two of the three science courses with labs.

Admittance into the Educator Preparation Program:

Students will apply to be **admitted** into the Educator Preparation Program (EPP) while enrolled in EDUC 3370 during Block I.

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

- Complete an Educator Preparation Program application packet.
- Have a minimum 2.50 grade point average (GPA) overall or in the last 60 hours to include semester where 60th occurred.
- See required ENGL credit hours above with grade of C or better.
- College Algebra with a grade of C or better.
- Completion of 54 credit hours towards the degree.
- For EC-6, SPED, 4-8 ELAR/SS, and 7-12 ELAR concentrations, a completion of 12 credit hours in the certification subject area with a grade of C or better.
- For 4-8 Math, a completion of 15 credit hours in the certification subject area with a grade of C or better.
- Content Proficiency Assessment with a passing score and a passing score in each subject area for EC-6.
- Program Interview.
- TSI complete.

Bachelor of Science Education - Elementary

Refer to the General Education Core Requirements (<https://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		
First Term		
ENGL 1301	Composition I (CORE REQ 010)	3
MATH 1314	College Algebra (CORE REQ 020)	3
Life and Physical Sciences (CORE REQ 030)		4
EDUC 1301	Introduction to the Teaching Profession (DEG REQ)	3
TECA 1354	Child Growth & Development (CORE REQ 080)	3
or PSYC 2301	General Psychology	
or PSYC 2308	Child Psychology	
or PSYC 3303	Educational Psychology	
Second Term		
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
Biology with Lab (CORE REQ (090) and DEG REQ) ¹		4
MATH 1350	Mathematics for Teachers I (DEG REQ)	3
Second Year		
First Term		
PHYS 1405	Elementary Physics I (Lecture + Lab) (CORE REQ 030)	4
or PHYS 1415	Physical Science I (Lecture + Lab)	
Sophomore Literature (CORE REQ 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
Second Term		
GOVT 2306	Texas Government (CORE REQ 070)	3
Sophomore Literature (DEG REQ)		3
Creative Arts (CORE REQ 050) ²		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		
First Term - Block 1 (Requires Approval)		
EDUC 3370	Foundations	3
READ 3311	Literacy Development I	3
EDUC 4320	Integrated Social Studies Methods, EC-8	3
EDUC 3345	Math Instruction for Classroom Teachers	3
Second Term - Block 2		
EDUC 3321	Instructional Planning and Delivery	3
SPED 3361	Survey Exceptional Learners	3
READ 4312	Literacy Development II	3
EDUC 3350	Science Instruction for Classroom Teachers	3
Summer Term - Block 3		
EDUC 3105	Music in the Elementary Classroom	1
EDUC 3106	Health and Fitness in the Elementary Classroom	1
EDUC 3107	Art and Theater in an Elementary Classroom	1
EDUC 3371	Educational Technology and Assessment	3

READ 3301	Children's Literature in the Elementary Classroom	3
READ 4313	Analysis and Response	3
Fourth Year		
First Term - Block 4		
EDUC 3325	Foundations and Strategies for Teaching Emergent Bilinguals	3
EDUC 3331	Classroom Management	3
EDUC 4684	Field Experience	6
Second Term - Block 5		
EDUC 4322	Advanced Differentiated Strategies for Diverse Learners	3
EDUC 4335	Capstone for Educators	3
EDUC 4691	Clinical Teaching	6
Total Credit Hours		120

¹ Excludes Nutrition

² HUMA 1315 is recommended

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

Refer to the General Education Core Requirements (<https://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		
First Term		
ENGL 1301	Composition I (CORE REQ 010)	3
MATH 1314	College Algebra (CORE REQ 020)	3
Life and Physical Sciences (CORE REQ 030)		4
EDUC 1301	Introduction to the Teaching Profession (DEG REQ)	3
TECA 1354	Child Growth & Development (CORE REQ 080)	3
or PSYC 2301	General Psychology	
or PSYC 2308	Child Psychology	
or PSYC 3303	Educational Psychology	
Second Term		
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

Biology with Lab (CORE REQ 090) ¹ 4

GEOG 1301	Physical Geography (DEG REQ)	3
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or GEOG 1302 Human Geography

Second Year

First Term

PHYS 1405	Elementary Physics I (Lecture + Lab) (CORE REQ 030)	4
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or PHYS 1415 Physical Science I (Lecture + Lab)

Sophomore Literature (CORE REQ 040)		3
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GOVT 2305	Federal Government (CORE REQ 070)	3
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HIST 1302	United States History II (CORE REQ 060)	3
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HIST 2311	Western Civilization I (DEG REQ)	3
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or HIST 2312 Western Civilization II

Second Term

GOVT 2306	Texas Government (CORE REQ 070)	3
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GEOG 1303	World Regional Geography (DEG REQ)	3
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HIST 2301	Texas History (DEG REQ)	3
or HIST 3322	History of Texas	

Creative Arts (CORE REQ 050) ²		3
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ECON 2301	Principles of Macroeconomics (DEG REQ)	3
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or ECON 2302 Principles of Microeconomics

Third Year

First Term - Block 1 (Requires Approval)

EDUC 3370	Foundations	3
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ENGL 3320	Advanced Grammars	3
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READ 3311	Literacy Development I	3
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EDUC 4320	Integrated Social Studies Methods, EC-8	3
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Second Term - Block 2

ENGL 3330	Advanced Composition	3
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SPED 3361	Survey Exceptional Learners	3
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EDUC 3321	Instructional Planning and Delivery	3
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READ 4312	Literacy Development II	3
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Summer Term - Block 3

EDUC 3371	Educational Technology and Assessment	3
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READ 3301	Children's Literature in the Elementary Classroom	3
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or READ 3331 Adolescent Literacy for the Young Adult

READ 4313	Analysis and Response	3
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Fourth Year

First Term - Block 4

EDUC 3325	Foundations and Strategies for Teaching Emergent Bilinguals	3
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EDUC 3331	Classroom Management	3
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EDUC 4684	Field Experience	6
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Second Term - Block 5

EDUC 4322	Advanced Differentiated Strategies for Diverse Learners	3
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EDUC 4335	Capstone for Educators	3
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EDUC 4691	Clinical Teaching	6
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Total Credit Hours 120

¹ Excludes Nutrition

² HUMA 1315 is recommended

Bachelor of Science Education - Middle School Mathematics

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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		
First Term		
ENGL 1301	Composition I (CORE REQ 010)	3
MATH 1314	College Algebra (CORE REQ 020)	3
Life and Physical Sciences (CORE REQ 030)		4
EDUC 1301	Introduction to the Teaching Profession (DEG REQ)	3
TECA 1354	Child Growth & Development (CORE REQ 080)	3
or PSYC 2301	General Psychology	
or PSYC 2308	Child Psychology	
or PSYC 3303	Educational Psychology	
Second Term		
ENGL 1302	Composition II (CORE REQ 010) ¹	3
Creative Arts (CORE REQ 050) ¹		3
HIST 1301	United States History I (CORE REQ 060)	3
Biology with Lab (CORE REQ 090) ²		4

MATH 1350	Mathematics for Teachers I (DEG REQ)	3
Second Term		
First Term		
Sophomore Literature (CORE REQ 040)		3
GOVT 2305	Federal Government (CORE REQ 070)	3
HIST 1302	United States History II (CORE REQ 060)	3
MATH 2412	(DEG REQ)	4
MATH 1351	Mathematics for Teachers II (DEG REQ)	3
Second Term		
GOVT 2306	Texas Government (CORE REQ 070)	3
Sophomore Literature (DEG REQ)		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		
First Term - Block 1 (Requires Approval)		
SPED 3361	Survey Exceptional Learners	3
EDUC 3321	Instructional Planning and Delivery	3
EDUC 3370	Foundations of Education and Teaching	3
MATH 3309	Algebraic Function	3
MATH 4304	Survey of Mathematical Ideas	3
MATH 4304L	Survey of Mathematical Ideas Lab	1
Second Term - Block 2		
MATH 3311	Probability & Statistics I	3
MATH 3370	An Introduction to Linear Programming	3
EDUC 3371	Educational Technology and Assessment	3
READ 3335	Content Area Reading	3
MATH 4302	College Geometry	3
Fourth Term		
First Term - Block 3		
EDUC 3331	Classroom Management	3
EDUC 3340	Mathematics Instruction for Classroom Teachers	3
MATH 3315	Mathematics & Technology	3
EDUC 3325	Fundamentals of Bilingual and English as a Second Language Education	3
EDUC 4684	Field-Based Education	6
Second Term - Block 4		
EDUC 4335	Capstone for Educators	3

EDUC 4691	Clinical Teaching	6
Total Credit Hours		120

¹ HUMA 1315 is recommended

² Excludes Nutrition

Bachelor of Science Education - All Level Special Education

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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		
First Term		
ENGL 1301	Composition I (CORE REQ 010)	3
MATH 1314	College Algebra (CORE REQ 020)	3
Life and Physical Sciences (CORE REQ 030)		4
EDUC 1301	Introduction to the Teaching Profession (DEG REQ)	3
TECA 1354	Child Growth & Development (CORE REQ 080)	3
or PSYC 2301	General Psychology	
or PSYC 2308	Child Psychology	
or PSYC 3303	Educational Psychology	
Second Term		
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
Biology with Lab (CORE REQ (090) and DEG REQ) ¹		4
MATH 1350	Mathematics for Teachers I (DEG REQ)	3
Second Year		
First Term		
PHYS 1405	Elementary Physics I (Lecture + Lab) (CORE REQ 030)	4
or PHYS 1415	Physical Science I (Lecture + Lab)	
Sophomore Literature (CORE REQ 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

Second Term

GOVT 2306	Texas Government (CORE REQ 060)	3
Sophomore Literature (DEG REQ)		3
Creative Arts (CORE REQ 050) ²		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

First Term - Block 1 (Requires Approval)

READ 3311	Literacy Development I	3
EDUC 3370	Foundations	3
EDUC 4320	Integrated Social Studies Methods, EC-8	3
EDUC 3345	Math Instruction for Classroom Teachers	3

Second Term - Block 2

SPED 3361	Survey Exceptional Learners	3
EDUC 3321	Instructional Planning and Delivery	3
READ 4312	Literacy Development II	3
EDUC 3350	Science Instruction for Classroom Teachers	3

Summer Term - Block 3

EDUC 3105	Music in the Elementary Classroom	1
EDUC 3106	Health and Fitness in the Elementary Classroom	1
EDUC 3107	Art and Theater in an Elementary Classroom	1
SPED 4362	Special Education Rules and Regulations for Teacher	3
SPED 4365	Behavioral Management for the Classroom	3
READ 4313	Analysis and Response	3

Fourth Year

First Term - Block 4

SPED 4363	Teaching Learners with Learning Disabilities	3
EDUC 3331	Classroom Management	3
EDUC 4684	Field Experience	6

Second Term - Block 5

EDUC 3325	Foundations and Strategies for Teaching Emergent Bilinguals	3
EDUC 4335	Capstone for Educators	3

EDUC 4691	Clinical Teaching	6
Total Credit Hours		120

¹ Excludes Nutrition² HUMA 1315 is recommended**Bachelor of Science Education - English Language Arts/Reading, 7-12**

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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.

Code	Title	Credit Hours
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First Year

First Term		
ENGL 1301	Composition I (CORE REQ 010)	3
MATH 1314	College Algebra (CORE REQ 020)	3
EDUC 1301	Introduction to the Teaching Profession (DEG REQ)	3
HIST 1301	United States History I (CORE REQ 060)	3
ENGL 2327	American Literature I (CORE REQ (090) & DEG REQ)	3

Second Term		
ENGL 1302	Composition II (CORE REQ 010)	3
Creative Arts (CORE REQ 050) ¹		3
HIST 1302	United States History II (CORE REQ 060)	3
Life and Physical Science (CORE REQ 030)		3
ENGL 2328	American Literature II (CORE REQ 090)	3

Second Year

First Term		
TECA 1354	Child Growth & Development (CORE REQ 080)	3
or PSYC 2301	General Psychology	
or PSYC 2308	Child Psychology	
or PSYC 3303	Educational Psychology	
ENGL 2321	British Literature (single-semester course) (CORE REQ 040)	3
or ENGL 2322	British Literature I	
GOVT 2305	Federal Government (CORE REQ 070)	3
ENGL 2331	World Literature (single-semester course) (DEG REQ)	3
or ENGL 2332	World Literature I	

EDUC 2301	Introduction to Special Populations (DEG REQ)	3
Second Term		
GOVT 2306	Texas Government (CORE REQ 070)	3
ENGL 2323	British Literature II (DEG REQ)	3
Life and Physical Science (CORE REQ 030)		3
ENGL 2333	World Literature II (DEG REQ)	3
English Elective (DEG REQ)		3
Third Year		
First Term - Block 1 (Requires Approval)		
EDUC 3370	Foundations	3
ENGL 3320	Advanced Grammars	3
ENGL 3330	Advanced Composition	3
ENGL 3305	Critical Analysis of Lit	3
Second Term - Block 2		
READ 3340	Foundations of Secondary Reading and Writing	3
EDUC 4337	Educating Secondary Exceptional Learners	3
READ 4340	The English Language Arts and Reading Curriculum	3
EDUC 3325	Foundations and Strategies for Teaching Emergent Bilinguals	3
Summer Term - Block 3		
EDUC 4338	Secondary Methods for the Humanities Teacher	3
EDUC 3371	Educational Technology and Assessment	3
READ 3331	Adolescent Literacy for the Young Adult	3
Fourth Year		
First Term - Block 4		
EDUC 4332	Classroom Management for Secondary Teachers	3
EDUC 4317	Assessment & Interpretation for Secondary Teachers	3
EDUC 4331	Curriculum & Instruction for Secondary Teachers	3
EDUC 4684	Field Experience	6
Second Term - Block 5		
EDUC 4335	Capstone for Educators	3
EDUC 4322	Advanced Differentiated Strategies for Diverse Learners	3
EDUC 4691	Clinical Teaching	6
Total Credit Hours		120