

EARLY CHILDHOOD EDUCATION, BACHELOR OF APPLIED SCIENCE



Teachers Shape the Next Generation

The world needs more teachers, perhaps more than any other profession. Unlike most career paths, teaching is a calling, one that takes a unique personality willing to listen to, learn from, and shape the students the teacher will have in their classroom. San Jacinto College created the Bachelor of Applied Science in Education with an emphasis in Early Childhood Education (BAS-EDU) to help fill the workforce gap that currently exists in early childhood education by providing a new bachelor's degree for students who are currently working in the education field. Those who have already earned an associate of applied science (AAS) in early childhood/child development and are working in the industry can enroll in the BAS-ECE program. Students can use a valid industry-based child development associate credential, and one of the previously earned San Jacinto College early childhood certificates or previous education, toward their final requirements for graduation with the bachelor's degree. This degree will prepare students to work with young children from six weeks through third grade. Graduates will also be eligible to work in an early childhood organization, such as Head Start, or apply for teacher certification to teach preschool through third grade in public schools.

Career Information

According to a February 2023 report by the Learning Policy Institute, Texas has the largest teacher workforce of any US state with more than 370,000 teachers in 2021-2022.

The US Department of Labor database site projects that by 2030, the need for highly qualified early childhood and elementary teachers in Texas will increase by 13%. Nearly 3.2 million full-time teachers were employed throughout the United States last fall, but many local school districts were hit hard by vacancies with more than 25,000 job postings in the Houston-Galveston metro area alone.

Elementary, middle, and high school (secondary) school teachers: \$63,581¹

¹ Source: www.texaswages.com (<https://www.texaswages.com>), median salary Gulf Coast region, 2022

Campus

Central Campus

Information

Students enrolling into San Jacinto College programs with external learning experiences (i.e., clinical, practicum, externship, cooperative, etc.) will be required to comply with the immunization requirements and policies of the clinical/external learning sites to engage in all clinical/external learning experiences. Vaccination requirements at clinical/external learning sites are implemented pursuant to the independent authority of such facilities and are not mandated by San Jacinto College. Failure to meet the immunization requirements mandated by clinical/external learning sites may limit a student's ability to complete the program and/or may delay the student's graduation date. San Jacinto College does not process exemptions, and students should address potential vaccination exemptions directly with the clinical/external learning site.

Plan of Study (Degree Plan)

BAS-EDU

First Year

First Term		Credits
CDEC 1323	Observation and Assessment ¹	3
CDEC 1317 or CDEC 1358	Child Development Associate Training I or Creative Arts for Early Childhood	3
CDEC 2322 or CDEC 1313	Child Development Associate Training II or Curriculum Resources for Early Childhood Programs	3
CDEC 2324 or CDEC 1356	Child Development Associate Training III or Emergent Literacy for Early Childhood	3
CDEC 2326	Administration of Programs for Children I	3
Credits		15

Second Term

TECA 1311	Educating Young Children	3
TECA 1303	Families, School and Community	3
CDEC 1319	Child Guidance	3
CDEC 2307	Math and Science for Early Childhood	3
Credits		12

Summer Year One Term

TECA 1354	Child Growth and Development	3
TECA 1318	Wellness of the Young Child	3
Credits		6

Second Year

First Term

ENGL 1301	Composition I	3
HIST 1301	United States History I	3
Language, Philosophy and Culture (Humanities)		3
SPCH 1315 or SPCH 1318	Public Speaking ² or Interpersonal Communication	3
CDEC 2366	Practicum (or Field Experience) - Child Care Provider/Assistant	3
Credits		15

Second Term

MATH 1314	College Algebra	3
Creative Arts (Fine Arts)		3
GOVT 2305	Federal Government (Federal Constitution and Topics)	3

HIST 1302	United States History II	3
Credits		12
Third Year		
First Term		
ENGL 1302 or ENGL 2311	Composition II or Technical and Business Writing	3
EDUC 1301	Introduction to the Teaching Profession	3
Life and Physical Science (Natural Science)		4
Component Area Option		1
MATH 1350	Mathematics for Teachers I (Fundamentals of Mathematics I)	3
Credits		14
Second Term		
EDEC 3303	Child and Adolescent Guidance	3
EDUC 2301	Introduction to Special Populations	3
GOVT 2306	Texas Government (Texas Constitution and Topics)	3
MATH 1351	Mathematics for Teachers II (Fundamentals of Mathematics II)	3
Life and Physical Science (Natural Science)		4
Credits		16
Fourth Year		
First Term		
EDTP 3301	Foundations of Inclusion and Differentiation for Special Populations	3
EDEC 3307	Development During Early Childhood	3
EDEL 4303	Methods of Teaching Elementary Mathematics	3
EDEL 4301	Methods of Teaching Social Studies	3
EDLL 3301	Language Literacy Acquisition	3
Credits		15
Second Term		
EDTP 3303	Behavior Management in Special Populations	3
EDLL 3305	Foundations in Reading Instruction: The Science of Teaching Reading	3
EDEL 4302	Methods of Teaching Elementary Science	3
EDTP 3305	Designing Assessments for General and Special Populations	3
EDTP 4310	Literacy in the Content Areas with Special Populations	3
Credits		15
Total Credits		120

¹ Students may substitute CDEC 1470 Educational Aide Associate for CDEC 1323 Observation and Assessment.

² The department recommends students take SPCH 1315 Public Speaking or SPCH 1318 Interpersonal Communication; however, students may substitute another course from the Component Area Option for this requirement.