

# BACHELOR OF SCIENCE IN EDUCATION (NON- CERTIFICATION)

**Web Site:** <https://twu.edu/education/teacher-education/bachelor-of-science-in-education/>

The Bachelor of Science with a major in Education leads to careers as engaged, prepared, and professional educators. Students completing this degree take courses across multiple disciplines to prepare for educational careers in a variety of settings, depending on the specific degree selected. The undergraduate program requires a minimum of 120 semester hours. The specific number of hours required is determined by the degree plan selected.

## B.S. in Education Non-Certification

Students selecting this degree plan will take courses to prepare them for a variety of positions in educational or community settings, including preschools, after-school service providers, community-based support agencies, and others. Students select a concentration area based on their interests (i.e., Business Leadership, Community Informatics, and Special Populations). This degree does not lead to teaching certification.

## Undergraduate Student Advising

College of Professional Education undergraduate students seeking a Bachelor of Science with a major in Education receive academic advising from the Office of Educator Preparation Services (OEPS). The OEPS provides advising in creating and following academic plans and supports students in their pursuit of academic success. Students should schedule regular appointments with an OEPS advisor (Stoddard Hall, Room 211) to create or edit a degree plan, to receive current information regarding specific degree requirements, or to receive academic guidance and help. Because OEPS advising is by appointment only, appointment times fill quickly and students are encouraged to schedule advising appointments at least two weeks in advance. See the Office of Educator Preparation Services website (<http://www.twu.edu/teacher-certification>) for additional degree and other OEPS information.

## Marketable Skills

Marketable skills prepare students for success in a variety of professional settings. Developed through academic coursework, co-curricular engagement, and extracurricular involvement, these skills include communication, critical thinking, teamwork, ethical reasoning, adaptability, and digital literacy. Whether directly related to a student's major or serving as complementary strengths, marketable skills enhance career readiness and reflect TWU's commitment to producing graduates who are prepared to thrive in today's dynamic workforce.

1. Successfully implement entry-level instructional skills in the school setting.
2. Successfully manage organizational and student behavior in the school setting.
3. Successfully implement entry-level instructional planning skills in the school setting.

## Admissions

All applicants must meet the general undergraduate admission requirements (<https://catalog.twu.edu/undergraduate/admission-information/>).

## Degree Requirements

**Total Semester Credit Hours (SCH):** 120

**Major:** 60 SCH; **Concentration:** 18 SCH

**Program Code:** EDUCATION.BS.LEAD, EDUCATION.BS.CINFO, EDUCATION.BS.SPOP; **CIP Code:** 13.0101.00

## Texas Core Curriculum

| Course  | Title  | Credits   |
|---|--|-----------|
| ENG 1013  | Composition I (10)                                     | 3         |
| ENG 1023  | Composition II (10)                                    | 3         |
| Mathematics (20)                                      |  | 3         |
| Life & Physical Sciences (30)                         |  | 6         |
| Language, Philosophy, & Culture (40)                  |  | 3         |
| Creative Arts (50)                                    |  | 3         |
| HIST 1013   | History of the United States, 1492-1865 (60)           | 3         |
| HIST 1023   | History of the United States, 1865 to the Present (60) | 3         |
| POLS 2013   | U.S. National Government (70)                          | 3         |
| POLS 2023   | Texas Government (70)                                  | 3         |
| Social & Behavioral Sciences (80)                     |  | 3         |
| CAO: Multicultural-Women's Studies (90)               |  | 3         |
| CAO: First Year Seminar, Wellness or Mathematics (91) |  | 3         |
| <b>Total SCHs</b>                                     |  | <b>42</b> |

## Courses Required for Major

| Course                           | Title   | Credits |
|----------------------------------|---|---------|
| <b>Language Arts and Reading</b> |   |         |
| ENG 3203                         | Advanced Grammar and Style  | 3       |
| ENG 3363                         | Introduction to Linguistics                                       | 3       |
| READ 3433<br>or READ 3423        | Literacy Foundations EC-6<br>Literacy Foundations: 4-8            | 3       |
| READ 4383                        | Phonological and Orthographic Principles in Literacy              | 3       |
| <b>Diverse Learners</b>          |   |         |
| EDBE 3003                        | Linguistics for ESL Educators                                     | 3       |
| EDSP 3203                        | Learners with Exceptionalities                                    | 3       |
| <b>Science</b>                   |   |         |
| Select 6 SCH from the following  |   | 6       |
| BIOL 1113<br>& BIOL 1111         | Principles of Biology I<br>and Principles of Biology I Laboratory |         |
| CHEM 1113<br>& CHEM 1111         | General Chemistry I<br>and General Chemistry Laboratory I         |         |
| EDUC 4553                        | Science Methods for the Elementary Classroom                      |         |
| SCI 1114                         | Sustainable Physical Science                                      |         |
| <b>Math</b>                      |   |         |
| EDUC 4563                        | Mathematics Methods for the Elementary Classroom                  | 3       |

|                                      |   |           |
|--------------------------------------|---|-----------|
| MATH 1523                            | Mathematics Concepts I                                    | 3         |
| MATH 1533                            | Mathematics Concepts II                                   | 3         |
| <b>Social Studies</b>                |   |           |
| Select 3 SCH from the following      |   |           |
| EDUC 4573                            | Social Studies Methods for the Elementary Classroom       | 3         |
| SOCI 3273                            | World Regional Geography                                  |           |
| <b>Physical Education/Health</b>     |   |           |
| KINS 3583                            | Health and Physical Activity for Children and Adolescents | 3         |
| or HS 3373                           | Child and Adolescent Health                               |           |
| <b>Fine Arts</b>                     |   |           |
| ECE 3573                             | Creative Arts for Elementary School Aged Children         | 3         |
| or MU 3833                           | Essentials of Fine Arts for the Diverse Classroom         |           |
| <b>Children and Families Studies</b> |   |           |
| ECE 2663                             | Foundations of Early Childhood Education                  | 3         |
| EDUC 2003                            | Schools and Society                                       | 3         |
| HDFS 1603                            | Child in the Family and Community                         | 3         |
| HDFS 2513                            | Early Childhood Development                               | 3         |
| HDFS 3513                            | Childhood and Adolescence                                 | 3         |
| HDFS 4583                            | Parenting Issues and Education                            | 3         |
| <b>Total SCHs</b>                    |   | <b>60</b> |

## Departmental Requirements

| Course   | Title | Credits |
|--|-------|---------|
| Global Perspectives (may be applied from core) |       | 3       |

## Concentration Areas (select one)

| Course                               | Title | Credits   |
|--------------------------------------|-------|-----------|
| Select one 18 SCH concentration area |       | <b>18</b> |

### Special Populations

|           |  |  |
|-----------|--|--|
| EDBE 3053 | Theories of Second Language Acquisition for ESL and Bilingual Teachers |  |
| EDBE 3453 | Teaching English As a Second Language.                                 |  |
| EDSP 4253 | Instructional Strategies for Students with Disabilities                |  |
| EDSP 4263 | Behavior Management Strategies for Student with Disabilities           |  |
| EDSP 4243 | Assessment of Students with Learning and Behavioral Difficulties       |  |
| EDUC 4443 | Capstone in Educational Studies  |  |

### Community Informatics

|           |  |  |
|-----------|--|--|
| CSCI 1513 | Introduction to Data Science and Informatics |  |
| CSCI 4623 | Big Data and High Performance Computing      |  |
| LS 3053   | Interdisciplinary Information Retrieval      |  |
| LS 3153   | Knowledge Economy                            |  |
| LS 4903   | Special Topics                               |  |
| LS 4923   | Capstone in Interprofessional Informatics    |  |

### Business Leadership

|          |  |  |
|----------|--|--|
| MGT 3003 | Principles of Management                   |  |
| MGT 4343 | Business Leadership Strategies             |  |
| BUS 4373 | Women in Leadership (Must be final course) |  |

|  |  |           |
|--|--|-----------|
| EDUC 4443  | Capstone in Educational Studies (Must be final course) |           |
| Plus two of the following upper-level business courses |  |           |
| BUS 3013   | Business Law and Ethics                                |           |
| BUS 3163   | Business Communications                                |           |
| BUS 3513   | Professional Presentation Strategies                   |           |
| MGT 4013   | Alternative Dispute Resolution                         |           |
| MGT 4223   | Human Behavior in Business Administration              |           |
| MGT 4523   | Diversity in Organizations                             |           |
| <b>Total SCHs</b>                                      |  | <b>18</b> |

## Recommended Plan of Study

### First Year

| Fall         | TCCN                                    | SCHs                                  |           |
|--------------|---|---------------------------------------|-----------|
| ENG 1013     | Composition I                           | ENGL 1301                             | 3         |
| HIST 1013    | History of the United States, 1492-1865 | HIST 1301                             | 3         |
| MATH 1523    | Mathematics Concepts I                  | MATH 1350                             | 3         |
| POLS 2013    | U.S. National Government                | GOVT 2305                             | 3         |
| UNIV 1231    | First-Year Seminar: Learning Frameworks | EDUC 1100,<br>EDUC 1200,<br>EDUC 1300 | 1         |
| Wellness CAO |   |                                       | 2         |
| <b>SCHs</b>  |   |                                       | <b>15</b> |

### Spring

| Spring                                 | TCCN  | SCHs      |           |
|--|---|-----------|-----------|
| ENG 1023                               | Composition II  | ENGL 1302 | 3         |
| KINS 3583<br>or HS 3373                | Health and Physical Activity for Children and Adolescents<br>or Child and Adolescent Health |           | 3         |
| HIST 1023                              | History of the United States, 1865 to the Present   | HIST 1302 | 3         |
| Creative Arts Core                     |   |           | 3         |
| Language, Philosophy, and Culture Core |   |           | 3         |
| Mathematics Core                       |   |           |           |
| <b>SCHs</b>                            |   |           | <b>15</b> |

### Second Year

| Fall                             | TCCN   | SCHs      |           |
|----------------------------------|--|-----------|-----------|
| EDBE 3003                        | Linguistics for ESL Educators  |           | 3         |
| ENG 3203                         | Advanced Grammar and Style   |           | 3         |
| ENG 3363                         | Introduction to Linguistics  |           | 3         |
| Concentration Area Elective      |  |           | 3         |
| Social & Behavioral Science Core |  |           | 3         |
| <b>SCHs</b>                      |  |           | <b>15</b> |
| Spring                           | TCCN   | SCHs      |           |
| HDFS 2513                        | Early Childhood Development  | TECA 1354 | 3         |
| POLS 2023                        | Texas Government   | GOVT 2306 | 3         |
| MATH 1533                        | Mathematics Concepts II  | MATH 1351 | 3         |
| SOCI 3273<br>or EDUC 4573        | World Regional Geography<br>or Social Studies Methods for the Elementary Classroom |           | 3         |
| Concentration Area Elective      |  |           | 3         |
| <b>SCHs</b>                      |  |           | <b>15</b> |

**Third Year**

|                                 |   |             |   |
|---------------------------------|---|-------------|---|
| <b>Fall</b>                     |   | <b>TCCN</b> |   |
| READ 3433<br>or 3423            | Literacy Foundations EC-6<br>or Literacy Foundations: 4-8 |             | 3 |
| EDUC 4563                       | Mathematics Methods for the<br>Elementary Classroom       |             | 3 |
| Select 3 SCH from the following |   |             | 3 |
| BIOL 1111                       | Principles of Biology I Laboratory                        | BIOL 1106   |   |
| BIOL 1113                       | Principles of Biology I                                   | BIOL 1406   |   |
| CHEM 1111                       | General Chemistry Laboratory I                            | CHEM 1111   |   |
| CHEM 1113                       | General Chemistry I                                       | CHEM 1311   |   |
| EDUC 4553                       | Science Methods for the Elementary<br>Classroom           |             |   |
| SCI 1114                        | Sustainable Physical Science                              | PHYS 1415   |   |
| Concentration Area Elective     |   |             | 3 |
| Concentration Area Elective     |   |             | 3 |

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**SCHs 15**

|  |   |             |   |
|--|---|-------------|---|
| <b>Spring</b>                          |   | <b>TCCN</b> |   |
| EDBE 3003                              | Linguistics for ESL Educators                           |             | 3 |
| EDUC 2003                              | Schools and Society                                     | EDUC 1301   | 3 |
| HDFS 1603                              | Child in the Family and Community                       | TECA 1303   | 3 |
| Multicultural Women's Studies CAO Core |   |             | 3 |
| READ 4383                              | Phonological and Orthographic<br>Principles in Literacy |             | 3 |

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**SCHs 15**

**Fourth Year**

|                             |  |             |   |
|-----------------------------|--|-------------|---|
| <b>Fall</b>                 |  | <b>TCCN</b> |   |
| HDFS 3513                   | Childhood and Adolescence                            |             | 3 |
| ECE 2663                    | Foundations of Early Childhood<br>Education          | TECA 1311   | 3 |
| ECE 3573                    | Creative Arts for Elementary School<br>Aged Children |             | 3 |
| Concentration Area Elective |  |             | 3 |
| Life/Physical Science Core  |  |             | 3 |

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**SCHs 15**

|                             |                                |             |   |
|-----------------------------|--------------------------------|-------------|---|
| <b>Spring</b>               |                                | <b>TCCN</b> |   |
| EDSP 3203                   | Learners with Exceptionalities |             | 3 |
| HDFS 4583                   | Parenting Issues and Education |             | 3 |
| SOCI 1013                   | Introductory Sociology         | SOCI 1301   | 3 |
| Concentration Area Elective |                                |             | 3 |
| Life/Physical Science Core  |                                |             | 3 |

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**SCHs 15**

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**Total SCHs: 120**