### Bachelor of Science in Education

### Combined Science – 124 Hours

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| Student:  |
| Advisor:  |

### TCU CORE CURRICULUM – 39 hours

######  Human Experiences and Endeavors

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| **Humanities - 9 hours** | **Substitution** | **Gr** | **Hr** |
| Religion **(RT)** |  |  |  |
| English Literature **(LT)** |  |  |  |
| English Literature |  |  |  |
| **Social Sciences -9 hours** |  |  |  |
| HIST 10603 **(HT)**  |  |  |  |
| HIST 10613 |  |  |  |
| POSC 10133 Am&Tx Government **(CSV)**  |  |  |  |
| **Natural Sciences - 6 hours** |  |  |  |
| Lab Science suggest NTDT 10003 or | **(see major)** |  |  |
| Lab Science PHYS 10273 for **(GA)**  | **(see major)** |  |  |
| **Fine Arts - 3 hours** |  |  |  |
| Suggest DANC 10453 **(CA)** |  |  |  |
| **TOTAL HOURS** |  |  |  |

###### Essential Competencies

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| **Mathematical Reasoning - 3 hours from:** | **Substitution** | **Gr** | **Hr** |
| MATH 10033 Topics in Math MATH 10043 Elementary StatisticsMATH 10524 Calculus I MATH 20524 Calculus II | **(see major)** |  |  |
| **Oral Communication - 3 hours from:** |  |  |  |
| COMM 10123 Basic Speech Comm |  |  |  |
| **Written Communication - 6 hours** |  |  |  |
| ENGL 10803 Introductory Comp ENGL 20803 Intermediate Comp |  |  |  |
| **Writing Emphasis:** EDUC 30113 & 50553 |  |  |  |
| **TOTAL HOURS** |  |  |  |

**Middle School Education - 37 semester hours**

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| *Pre-Admission to COE: 9 hours* | **Substitution** | **Gr** | **Hr** |
| EDUC 20003 CI: Teaching & Learning  |  |  |  |
| EDUC 41113 Schools, Curr, & Society |  |  |  |
| EDMS 30103 Developmental Psychology of Adolescence |  |  |  |
|  |  |  |  |
| *Junior Year: 14 hours* |  |  |  |
| EDUC 30113 Digital Literacy & Citizenship |  |  |  |
| EDUC 30123 Educational Psychology |  |  |  |
| EDUC 30603 Study of Exceptional Students |  |  |  |
| EDUC 40213 Promoting Literacy |  |  |  |
| EDMS 41151 Field Experience |  |  |  |
| EDMS 41151 Field Experience |  |  |  |
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| *Senior Year/ Semester 1: 8 hours* |  |  |  |
| EDUC 50663 Motivating & Managing |  |  |  |
| EDMS 51103 Assessment |  |  |  |
| EDMS 30001 Professional Practice Seminar |  |  |  |
| EDMS 41151 Field Experience |  |  |  |
|  |  |  |  |
| *Senior Year/Semester 2: 6 hours* |  |  |  |
| EDMS 40986 Student Teaching **-** **6** hrs *Student Teaching is a 14 week full time experience so students should plan to have all other coursework completed prior to entering the student teaching semester.* |  |  |  |
| **TOTAL HOURS** |  |  |  |

**Major: Combined Science**

 **46 semester hours**

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| **Course #** | **Substitution** | **Gr** | **Hr** |
| BIOL 10003 Contemporary Issues Biology  |  |  |  |
| BIOL 10504 Intro to Biology I |  |  |  |
| BIOL 10514 Intro to Biology II  |  |  |  |
| BIOL 30613 Natural History  |  |  |  |
| PHYS 20053 Physics of Music & Sound |  |  |  |
| PHYS 10273 Astronomy: Earth & Planets  |  |  |  |
| PHYS 10283 Astronomy: Stars & Galaxies  |  |  |  |
| PHYS 10154 General Physics I  |  |  |  |
| CHEM 10113 General Chemistry |  |  |  |
| GEOL 10113 Understanding the Earth  |  |  |  |
| ENSC 10143 Environmental Issues |  |  |  |
| GEOL 30113 Weather & Climate  |  |  |  |
| MATH 10054 Precalculus with TrigorMATH 10524 Calculus I |  |  |  |
| EDMS 50553 Middle Schl Science Methods |  |  |  |
| **TOTAL HOURS** |  |  |  |

**Electives to complete the 124 hour requirement**

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| **Course #** | **Substitution** | **Gr** | **Hr** |
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| **TOTAL HOURS** |  |  |  |

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| --- | --- | --- | --- | --- |
| Hours | **Required** | **Completed** |  **In** **Progress** |  **Needed** |
| CORE | 39 |  |  |  |
| Education | 37 |  |  |  |
| Major | 46 |  |  |  |
| Electives | 2-8 |  |  |  |
|  TOTAL | 124 |  |  |  |

**For graduation, TCU requires 58 hours of course work taken in residency**

**(60 for honors) and 42 hours in advanced courses numbered 30000 or above.**

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| --- | --- | --- | --- | --- |
| Residency | 58 |  |  |  |
| Upr Div Hrs | 42 |  |  |  |

€ Religious Traditions (RT) 3 hrs

€ Historical Traditions (HT) 3 hrs

€ Literary Traditions (LT) 3 hrs

€ Cultural Awareness (CA) 3 hrs – at TCU only

€ Global Awareness (GA) 3 hrs – at TCU only

€ Citizenship and Social Values (CSV) 3 hrs – at TCU only

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