## **Bachelor of Science in Education Middle School Science – 124 Hours**

<b>Student:</b>	
Advisor:	

## TCU CORE CURRICULUM - 39 hours

**Human Experiences and Endeavors** 

Humanities - 9 h	Substitution	Gr	Hr	
Religion (RT)				
English Literature	e (LT)			
English Literature	e			
Social Sciences -	9 hours			
HIST 10603 (HT	Γ)			
Social Sciences				
Social Sciences				
Natural Sciences	s - 6 hours			
Lab Science	suggest NTDT 10003 or	(see major)		
Lab Science	(see major)			
Fine Arts - 3 hou	ırs			
Suggest DANC 1	0453 (CA)			
TOTAL HOURS	Š			

**Essential Competencies** 

Mathematical Reasoning - 3 hours from:	Substitution	Gr	Hr
MATH 10033 Topics in Math			
MATH 10043 Elementary Statistics	(see major)		
MATH 10524 Calculus I			
MATH 20524 Calculus II			
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 41113 & 50553			
TOTAL HOURS			

## Middle School Education - 37 semester hours

Pre-Admission to COE: 9 hours	Substitution	Gr	Hr
EDUC 20003 CI: Teaching & Learning			
EDUC 41113 Schools, Curr, & Society			
EDUC 30103 Developmental Psychology of			
Adolescence			
Junior Year: 14 hours			

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EDUC 30113 Digital Literacy & Citizenship		
EDUC 30123 Educational Psychology		
EDUC 30603 Study of Exceptional Students		
EDUC 40213 Promoting Literacy		
EDMS 41151 Field Experience		
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Senior Year/ Semester 1: 8 hours		
EDUC 50663 Motivating & Managing		
EDMS 51103 Assessment		
EDUC 30001 Professional Practice Seminar		
EDMS 41151 Field Experience		

Senior Year/Semester 2: 6 hours	<u> </u>	
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: Middle School Science 46 semester hours

40 semester nours			
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 Trig			
or			
MATH 10524 Calculus I			
EDMS 50553 Middle Schl Science Methods			
TOTAL HOURS			

Electives to complete the 124 hour requirement

Course #	Subst	itution	Gr	Hr
TOTAL HOURS				

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.

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

2021-2022 Catalog