Bachelor of Science in Education
Middle School Math – 124 Hours

Student:

Advisor:

TCU CORE CURRICULUM – 39 hours

Human Experiences and Endeavors

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

Essential Competencies

Mathematical Reasoning - 3 hours from	**Substitution**	**Gr**	**Hr**
MATH 10033 Topics in Math MATH 10043 Elementary Statistics MATH 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 41113 & 50443			
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			
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			

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			
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 Math
38-40 semester hours

Course #	**Substitution**	**Gr**	**Hr**
MATH 10524 Calculus I* *MATH 10054 Pre-Cal is a pre-requisite			
MATH 20524 Calculus II			
MATH 10043 Elementary Statistics			
MATH 20123 Discrete Math I			
MATH 20053 Math for Mdl School I			
MATH 20063 Math for Mdl School II			
MATH 10033 Topics in Math or MATH 30803 Probability & Statistics or ** Calculus II is a pre-requisite MATH 30123 Discrete Math II or MATH 30224 Linear Algebra or ** Calculus II is a pre-requisite MATH upper division elective			
MATH 40403 Higher Geometry ** Calculus II is a pre-requisite			
MATH 50073 History of Mathematics or ** Calculus II is a pre-requisite			
PHYS 10154 General Physics I with lab or PHYS 20053 Physics of Music & Sound			
EDMS 50443 Mdl School Math Methods I EDMS 50473 Mdl School Math Methods II			
TOTAL HOURS			

Electives to complete the 124 hour requirement

Course #	**Substitution**	**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 3 hrs – at TCU only

2021-2022 catalog