

EDUCATION - BS, MATH/ SCIENCE, MIDDLE GRADES CERTIFICATION

Program Requirements

First Year

Fall		Semester Credit Hours
ENGL 103 or ENGL 104	Introduction to Rhetoric and Composition or Composition and Rhetoric	3
HIST 105 or HIST 106	History of the United States or History of the United States	3
TEFB 273	Introduction to Culture, Community, Society and Schools	3
Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		4
Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics)		3
Semester Credit Hours		16

Spring		Semester Credit Hours
HIST 226	History of Texas	3
Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)		3
Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts)		3
Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		4
Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics)		3
Semester Credit Hours		16

Summer		Semester Credit Hours
POLS 206	American National Government	3
Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		4
Semester Credit Hours		7

Second Year

Fall		Semester Credit Hours
INST 210	Understanding Special Populations	3
INST 222	Foundations of Education in a Multicultural Society	3
MASC 351	Problem Solving in Mathematics	3
MATH 365	Structure of Mathematics I ¹	3

Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		4
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Semester Credit Hours 16

Spring		Semester Credit Hours
MASC 420	Inquiries in Life and Earth Sciences	3
MATH 366	Structure of Mathematics II ¹	3
RDNG 460	Language and Reading	3
STAT 303 or EPSY 435	Statistical Methods or Educational Statistics	3

Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		4
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Semester Credit Hours 16

Summer		Semester Credit Hours
POLS 207	State and Local Government	3
Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture)		3

Semester Credit Hours 6

Third Year		Semester Credit Hours
Fall		
EDCI 353	Early Childhood through Adolescent Education	3
EDCI 365	Using Technology Classrooms	3
INST 362	English as a Second Language Methods I	3
MASC 450	Integrated Mathematics	3
MATH 367	Structure of Mathematics III	3
Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences) ²		1

Semester Credit Hours 16

Spring		Semester Credit Hours
EDCI 354	Early Childhood and Adolescent Curriculum and Lesson Design	3
INST 363	English as a Second Language Methods II	3
MASC 320	Inquiries in Physical Science	3
RDNG 372	Reading and Writing across the Middle Grades Curriculum	3
TEFB 371	Dynamics and Management in Multicultural/Inclusionary Learning Environments	3

Semester Credit Hours 15

Fourth Year

Fall		Semester Credit Hours
MEFB 452	Curriculum and Instruction for Middle Grades	3
MEFB 460	Math Methods in Middle Grades	3
MEFB 470	Science Methods in Middle Grades	3
RDNG 490	Assessment in Reading Instruction in Middle Grades	3

Semester Credit Hours 12

Spring

MEFB 497 or TEED 425	Supervised Clinical Teaching or Supervised Clinical Teaching	6
Semester Credit Hours		6
Total Semester Credit Hours		126

¹ Must be taken at Texas A&M University.

² KINE 120 is recommended.

Must make a grade of C or better in each course.

A minimum of 2.75 GPA on all coursework that applies to the degree plan and a minimum of 2.5 GPA on all coursework completed at Texas A&M is required for this degree.