

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
MATH 140 or MATH 168	Mathematics for Business and Social Sciences or Finite Mathematics	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
Semester Credit Hours		16
Spring		
HIST 226	History of Texas	3
MATH 142	Business Calculus	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
Semester Credit Hours		16
Summer		
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		
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	3
Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences)		4
Semester Credit Hours		16

Spring

MASC 420	Inquiries in Life and Earth Sciences	3
MATH 366	Structure of Mathematics II	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
Semester Credit Hours		16

Summer

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

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	Basic Concepts of Geometry	3
Life and physical sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences) ¹		1
Semester Credit Hours		16

Spring

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

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 KINE 120 is recommended.

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