



Bachelor of Science in Education, Math 7-12

Recommended 4 year course sequence

Name:	ID Number:		
Course Information	Credit Hours	Term/Year	Grade
Freshman Year First Semester (Foundational Phase)			
ENGL 1301 - College Composition I (Communication CORE)	3	0	0
MATH 1342 - Statistics I (Mathematics CORE)	3	0	0
HIST 1301 - United States History I (History CORE)	3	0	0
BIOL 1306 - General Biology I (Life & Physical Sciences CORE)	3	0	0
BIOL 1106 - General Biology I Lab	1	0	0
CMST 1315 - Introduction to Public Speaking (Communication CORE)	3	0	0
Credit hours	16		
Freshman Year Second Semester (Foundational Phase)			
ENGL 1302 - College Composition II (Human Expression CORE)	3	0	0
MATH 1343 - Statistics II	3	0	0
HIST 1302 - United States History II (History CORE)	3	0	0
BIOL 1307 - General Biology II	3	0	0
BIOL 1107 - General Biology II Lab	1	0	0
POLS 2305 - Introductory American Government (Government CORE)	3	0	0
Credit hours	16		
Sophomore Year First Semester (Foundational Phase)			
ENGL Language, Philosophy, and Culture (CORE)	3	0	0
MATH 1350 - Concepts of Modern Math I (STEM CORE)	3	0	0
POLS 2306 - Introductory Texas Politics (Government CORE)	3	0	0
MATH 2312 - Pre Calculus	3	0	0
CHEM 1305 - Introductory Chemistry I (Life & Physical Sciences CORE)	3	0	0
CHEM 1105 - Introductory Chemistry I Lab	1	0	0
Credit hours	16		
Sophomore Year Second Semester (Foundational Phase)			
EDUT 1170 - Inquiry Approaches to Teaching	1	0	0
EDUT 2170 - Inquiry Based Lesson Design	1	0	0
MATH 1351 - Concepts of Modern Math II	3	0	0
MATH 2413 - Calculus I	4	0	0
MATH 2113 - Calculus I Computer Lab	1	0	0
Social & Behavioral Science CORE	3	0	0
Creative Arts CORE	3	0	0
Credit hours	16		
Junior Year First Semester (Phase I)			
PHYS 1301 - College Physics I	3	0	0
PHYS 1101 - College Physics I Lab	1	0	0
EDUT 3370 - Knowing & Learning in Math & Science (Fall Only)	3	0	0
MATH 2330 - Discrete Structures	3	0	0
MATH 2325 - Functions and Modeling (Fall Only)	3	0	0
Credit hours	13		

Students must be admitted into the School of Education prior to Phase II.

Junior Year Second Semester (Phase II)

CHEM 3360 - Research Methods or EDUT 3372	3	Sp	0
MATH 2414 - Calculus II	4	0	0
EDUT 4370 - Project Based Instruction (Spring Only)	3	Sp	0
EDUC 4302 - Math Problem Solving & Tech. in the Secondary Classroom (Fall Only)	3	0	0

Credit hours 13

Must Pass the TExES Exam 235 by August 15th for Spring Phase IV, or February 15th for Fall Phase IV

Senior Year First Semester (Phase III)

EDFB 4338 - Literacy in the Content Areas	3	0	0
EDUC 4313 - Teaching Mathematics in the Middle & High School (Fall Only)	3	0	0
EDUT 3371 - Classroom Interactions (Fall Only)	3	Fa	0
CHEM 3370 - Perspectives on Science and Mathematics or EDUT 4371	3	Fa	0
EDSP 3351 - Managing & Instructing Diverse Learners	3	0	0

Credit hours 15

Senior Year Second Semester (Phase IV)

EDUC 4940 - Clinical Teaching	9	0	0
EDUC 4357 - Clinical Teaching Seminar	3	0	0
EDUC 4378 - Methods for Teaching Secondary ELLS	3	0	0

Credit hours 15

Total Credit Hours 120

Must pass the TExES 160 exam for certification. May be taken during Phase III, Phase IV, or after.