



Bachelor of Science in Education, Physical Science 6-12

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
POLS 2305 - Introductory American Government (Government CORE)	3	0	0
Credit hours	15		
Sophomore Year First Semester (Foundational Phase)			
ENGL Language, Philosophy, and Culture (CORE)	3	0	0
Creative Arts CORE	3	0	0
POLS 2306 - Introductory Texas Politics (Government CORE)	3	0	0
MATH 2312 - Pre Calculus (STEM CORE)	3	0	0
CHEM 1311 - General Chemistry I	3	0	0
CHEM 1111 - General 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
PHYS 1303 - Introduction to Astronomy	3	0	0
CHEM 1312 - General Chemistry II	3	0	0
CHEM 1112 - General Chemistry II Lab	1	0	0
Social & Behavioral Science CORE	3	0	0
MATH 2413 - Calculus I	4	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
ENGR 1201 - Introduction to Engineering	2	0	0
CHEM 3342 - Organic Chemistry I	3	0	0

CHEM 3143 - Organic Chemistry I Lab	1	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
CHEM 3344 - Organic Chemistry II	3	0	0
CHEM 3145 - Organic Chemistry II Lab	1	0	0
PHYS 1302 - College Physics II	3	0	0
PHYS 1102 - College Physics II Lab	1	0	0
EDUT 4370 - Project Based Instruction (Spring Only)	3	Sp	0
Credit hours	14		
Must Pass the TExES Exam 237 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 4314 - Teaching Science in the Middle & High School (Fall Only)	3	Fa	0
EDUT 3371 - Classroom Interactions (Fall Only)	3	Fa	0
CHEM 3370 - Perspectives on Science and Mathematics or EDUT 4371	3	Fa	0
EDUC 4378- Methods for Teaching Secondary ELLS	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
EDSP 3351- Managing and Instructing Diverse Learners	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.			