

UNIVERSITY OF TEXAS AT EL PASO - COLLEGE OF SCIENCE

BS BIOLOGICAL SCIENCES - ECOLOGY CONCENTRATION - SCIENCE CERTIFICATION - SAMPLE FOUR-YEAR PLAN

FRESHMEN YEAR			Hours
Fall Semester	Spring Semester	Summer Sessions	
MATH 1411 (Calculus I) - Core 4	MATH 1312 or STAT 2480* (3 or 4 credits) 4	HIST 1301 (History of US before 1865) - Core 3	
BIOL 1305-1107 (General Biology 1) - Core 4	BIOL 1306-1108 (General Biology II) - Core 4		
ENGL 1311 (Expository English Composition) - Core 3	ENGL 1312 (Research & Critical Writing) - Core 3		
UNIV 1301 (Univ Designated Option) - Core 3	Humanities - Core 3		
TOTAL 14	TOTAL 14	TOTAL 3	31
SOPHOMORE YEAR			
Fall Semester	Spring Semester	Summer Sessions	
PHYS 2420 (General Physics) - Core 4	Lower Division BOT/MICR/ZOOL Menu Course 4	HIST 1302 (History of US after 1865) - Core 3	
CHEM 1305-1105 (General Chemistry 1) - Core 4	CHEM 1306-1106 (General Chemistry II) -core 4		
COMM 1301 (Public Speaking) - Core 3	PHYS 1403 4		
Visual & Performing Arts - Core 3	SCED 3311 (Curriculum Planning) 3		
	Take THEA Test	Apply to Teacher Education	
TOTAL 14	TOTAL 15	TOTAL 3	32
JUNIOR YEAR			
Fall Semester	Spring Semester	Summer Sessions	
BIOL 3416 (Ecology) 4	GEOL 1212-1112 - Core 3	POLS 2310 (Introduction to Politics) - Core 3	
Lower Division BOT/MICR/ZOOL Menu Course 4	Upper Division BIOL/ZOOL Menu Course 4		
RED 3342 (Reading and Study in Content Area) 3	BIOL 3321 (Evolution) 3		
GEOL 1211-1111 - Core 3	SCED 4368 (Teaching Science in Secondary Schools) 3		
BIOL 3192 1	BIOL 3320 (Genetics) 3		
	Take Content TExES Exam		
TOTAL 15	TOTAL 16	TOTAL 3	34
SENIOR YEAR			
Fall Semester	Spring Semester	Summer Sessions	
Upper Division BIOL/ZOOL Menu Course 4	SCED 4691 (Student Teaching) 6		
EDPC 3300 (Developmental Variations) 3	SCED 3317 (Multicultural Education) 3		
Upper Division Biology Menu Course 4			
POLS 2311 (American Government & Politics) - Core 3			
Apply for Internship - Early September	Take PPR TExES Exam		
TOTAL 14	TOTAL 9 0	TOTAL 0	23

Note: If you did not place in to MATH 1411, take MATH 1508 prior to the freshmen year.A4

Total Semester Hours 120

The Social and Behavioral Sciences Course is satisfied by the six education courses.

If you have any questions on this sample four-year plan, contact the College of Science Advising Center at (915) 747 - 8027.

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Course	Pre-Requisites for Course
BIOL 1305-1107	MATH 0311 or higher
BIOL 1306-1108	MATH 0311 or higher
BIOL 3320 - Fall	BIOL 1305-1107, BIOL 1306-1108
BIOL 3321 - Spring	BIOL 3320
BIOL 3414	BIOL 1305, CHEM 1306, MICR 2440
BIOL 3416 - Spring	BIOL 1306-1108, BOT 2410, MATH 1411
BIOL 3427 - Every Two Years	BIOL 1306-1108, BOT 2410, MATH 1411
BIOL 4192	Senior Standing
BIOL 4225	BIOL 1305-1107
BIOL 4324 - Every Two Years	BIOL 1305-1107
BIOL 4388 - Spring	BIOL 3414
BOT 2410 - Fall	MATH 1508 or higher (may be taken concurrently)
CHEM 1305	MATH 1508 or higher (may be taken concurrently)
CHEM 1306	CHEM 1305
EDPC 3300	Field Experience, Admission to Teacher Education, Departmental Approval
Math 1411	Placement or MATH 1508
Math 1508	Placement or MATH 0311
MICR 2440	BIOL 1305, CHEM 1306, MATH 1508 or higher
PHYS 1403	MATH 1508
PHYS 1404	PHYS 1403
RED 3342	Field Experience
SCED 3311	Field Experience
SCED 3317	Field Experience
SCED 4368	Field Experience
SCED 4691	Admission to Teacher Education
STAT 2480	MATH 1508 or higher
ZOOL 3468	BIOL 1305-1107
ZOOL 4181 - Spring	BIOL 1305, CHEM 1306, BIOL 3414
ZOOL 4380 - Spring	CHEM 1306, ZOOL 4181, BIOL 3414
ZOOL 4476	BIOL 1305-1107
ZOOL 4478	BIOL 1305-1107