

		!	H	A	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FIRST YEAR	FALL		3		ENGL 1301	Rhetoric and Composition I	c	010	Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301.	
			4		BIOL 1406	General Biology I	c	090		Alternatively BIOL 1487 Honors. Satisfies Major-Specific Requirement. One hour Integrative & Experiential Learning
			3		CHEM 1311	General Chemistry I	c	030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, or MATH 2487 with a grade of "C" or higher."	
			1		CHEM 1111	General Chemistry I Lab	c	090	Credit/registration in CHEM 1301.	
			3		PSYC 2301	General Psychology		080		Satisfies Major-Specific Requirement.
			1		UTCH 1101	Inquiry Approaches to Teaching	c		Criminal background check and TB vaccine.	
					UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.
		15			(0) Semester Total Hours					
FIRST YEAR	SPRING		3		ENGL 1302	Rhetoric And Composition II	c	010	A grade of 'C' or better in ENGL 1301 or ENGL 1387.	
			4		BIOL 1407	General Biology II	c		BIOL 1406 or BIOL 1487.	Alternatively BIOL 1488 Honors. Satisfies Major-Specific Requirement.
			3		CHEM 1312	General Chemistry II	c	030	CHEM 1311.	
			1		CHEM 1112	General Chemistry II Lab	c	090	Credit/registration in CHEM 1312.	
			4		MATH 2413	Calculus I	c	020	MATH 2412 with a grade of 'C' or better; or passing the Precalculus Exemption Test administered by the Department of Mathematics.	Alternatively MATH 2487 Honors. Satisfies Major-Specific Requirement.
			1		UTCH 1102	Inquiry-Based Lesson Design	c		UTCH 1101 with a grade of 'C' or better or concurrent enrollment	
		16			(0) Semester Total Hours					
		!	H	A	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
SECOND YEAR	FALL		3		CHEM 2323	Organic Chemistry I				Satisfies Major-Specific Requirement.
			1		CHEM 2123	Organic Chemistry I Lab			Credit/registration in CHEM 2323.	Satisfies Major-Specific Requirement.
			3		HIST 1301	U.S. History I		060		
			3		X3XX-X3XX	Creative Arts		050		See General Education Core for course options.
			3		X3XX-X3XX	Integrative and Experiential Learning		090		
			3	(3)	UTCH 3301	Knowing and Learning in Mathematics and Scie	c		UTCH 1101 and UTCH 1102 with a grade of 'C' or better or concurrent enrollment with UTCH 1101 and/or UTCH 1102 with consent of UTeach advisor.	
				16			(3) Semester Total Hours			
SECOND YEAR	SPRING		3	(3)	BIOL 3301	Biological Evolution			BIOL 1406 (or BIOL 1487) and BIOL 1407 (or BIOL 1488), or permission of instructor.	Satisfies Major-Specific Requirement.
			3		X3XX-X3XX	Language, Philosophy & Culture		040		See General Education Core for course options.
			3		HIST 1302	U.S. History II		060		Satisfies Major-Specific Requirement.
			4		PHYS 1401	General Physics I			MATH 1414 or MATH 1314.	Satisfies Major-Specific Requirement.
			3		POLS 2301	U.S. & Texas Government & Politics I		070		Satisfies Major-Specific Requirement.
				16			(3) Semester Total Hours			

Symbols Key

Critical (!): sequence sensitive course.

Minimum Grade: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.

General Education Core (GEC) Sections: 010 - Communication; 020 - Mathematics; 030 - Life and Physical Sciences; 040 - Language, Philosophy & Culture; 050 - Creative Arts; 060 - American History; 070 - Government/Political Science; 080 - Social and Behavioral Sciences; 090 - Computer Application; 090 - Interdisciplinary ;090 - Science Labs; 090 - Wellness.

Language Proficiency Requirement: Student is required to demonstrate language proficiency in a language other than English at the undergraduate level equivalent to a minimum of six credits.

		I	H	A	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL	4	(4)		BIOL 3413	Genetics			BIOL 1406 (or BIOL 1487) , BIOL 1407 (or BIOL 1487), CHEM 1311, PHYS 1401.	Satisfies Major-Specific Requirement.	
		4			PHYS 1402	General Physics II				Satisfies Major-Specific Requirement.	
		3			POLS 2302	U.S. & Texas Government & Politics II		070		Satisfies Major-Specific Requirement.	
		3	(3)		UTCH 3302	Major Advanced Elective		C	(a) A university grade point average of at least 2.75, (b) UTCH 3301	See Degree Plan for course options.	
		3	(3)		PHIL 3317	Perspectives on Science and Mathematics			UTCH 1101. UTCH 1102	Satisfies Major-Specific Requirement. Must apply to Teacher Education Program.	
			17	(10)	Semester Total Hours						
	SPRING	4	(4)		BIOL 3412	Cell Biology			BIOL 1406 (or BIOL 1487) , BIOL 1407 (or BIOL 1487), CHEM 2123, and 9 hours of Biology, including BIOL 1407 (or BIOL 1488).	Satisfies Major-Specific Requirement.	
		4	(4)		BIOL 3409	Ecology			Grade of 'C' or better in the following: BIOL 1406 (or BIOL 1487), BIOL	Satisfies Major-Specific Requirement.	
		3	(3)		BIOL 4392	Research Methods in the Science and Mathematics			Admission to COE Teacher Education Program.	Satisfies Major-Specific Requirement.	
		3	(3)		READ 4305	Content Area Literacy					
3				X3XX-X3XX	Major Elective				Choose from Plants, Animals, Microbiology		
		17	(14)	Semester Total Hours							
FOURTH YEAR	FALL	3	(3)		UTCH 3303	Project-Based Instruction		C	(a) A university grade point average of at least 2.75, (b) UTCH 3302	Satisfies Major-Specific Requirement.	
		4	(4)		BIOL 4400	Biological Communication (Capstone)			Biology Major of junior standing.	Satisfies Major-Specific Requirement.	
		3	(3)		BIOL 3330	Functions and Modeling			A grade of 'C' or better in the following: MATH 2413 and UTCH 1102.	Satisfies Major-Specific Requirement.	
		4	(4)		34XX-44XX	Major Advanced Elective				See Degree Plan for course options. Microbiology <u>Apply to Apprentice Teaching Program</u>	
				14	(14)	Semester Total Hours					
	SPRING	3	(3)		33XX-43XX	Major Advanced Elective				See Degree Plan for course options. Plants group	
		3	(3)		33XX-43XX	Major Advanced Elective				See Degree Plan for course options. Animals group	
		1	(1)		UTCH 4101	Apprentice Teaching Seminar		C	(a) A university grade point average of at least 2.75, (b) UTCH 3303		
		6	(6)		UTCH 4601	Apprentice Teaching		C			
				13	(13)	Semester Total Hours					

Graduation Requirements Minimum GPA of 2.75 is required for graduation. Biol 1406, BIOL 1407, CHEM 1311/1111, CHEM 1312/1112, UTCH 1101, UTCH 1102, UTCH 3301, UTCH 3302, UTCH 3303, UTCH 4101, UTCH 4601 with a grade of "C" or better grade in all of these courses; and approval of UTeach portfolio are required for graduation.

124 TOTAL HOURS
(57) TOTAL ADVANCED HOURS

Approved: Thursday, October 15, 2015 Dr. Frederic Zaidan III
Revised: Tuesday, October 13, 2015