

		I	H	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	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.	
			3	CHEM 1311	General Chemistry I		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		090	Credit/registration in CHEM 1301.	
			1	UTCH 1101	Inquiry Approaches to Teaching	C		Criminal background check and TB vaccine.	
			3	XXXX X3XX	Social and Behavioral Sciences		080		See General Education Core for course options.
					UNIV 1301	Learning Framework			Only if required, based on ACT/SAT and high school rank.
15 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	MATH 2414	Calculus II	C	020	MATH 2413 (or MATH 2487) with a grade of 'C' or better.	
			3	CHEM 1312	General Chemistry II		030	CHEM 1311.	
			1	CHEM 1112	General Chemistry II Lab		090	Credit/registration in CHEM 1312.	
			4	PHYS 2411	Physics for Teachers I			MATH 2413 (or MATH 2487) and concurrent enrollment in MATH 2414 (or MATH 2488).	
			1	UTCH 1102	Inquiry-Based Lesson Design	C		UTCH 1101 with a grade of 'C' or better or concurrent enrollment with UTCH 1101.	
16 Semester Total Hours									
		I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
SECOND YEAR	FALL		4	MATH 2415	Calculus III	C		MATH 2414 (or MATH 2488) with a grade of 'C' or better.	
			4	PHYS 2412	Physics for Teachers II			MATH 2414 (or MATH 2488) and either PHYS 2411 or PHYS 2425.	
			3	CHEM 2323	Organic Chemistry I				
			1	CHEM 2123	Organic Chemistry I Lab			Credit/registration in CHEM 2323.	
			3	HIST 1301	U.S. History I		060		
			3	UTCH 3301	Knowing and Learning in Mathematics and Science	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.	
18 Semester Total Hours									
SECOND YEAR	SPRING		3	CHEM 2325	Organic Chemistry II				
			1	CHEM 2125	Organic Chemistry II Lab			CHEM 2123.	
			4	PHYS 3402	Modern Physics			PHYS 2426.	
			3	HIST 1302	U.S. History II		060		
			3	XXXX X3XX	Language, Philosophy & Culture		040		See General Education Core for course options.
			3	UTCH 3302	Classroom Interactions			(a) A university grade point average of at least 2.75, (b) UTCH 3301 with a grade of 'C' or better or concurrent enrollment with UTCH 3301 with consent of UTeach advisor, and (c) positive evaluation of stage-one UTeach portfolio.	
17 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 -

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.

		!	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL		3	PHYS 3301	Electromagnetic Theory I			MATH 2415 and either PHYS 2426 or PHYS 2412.		
			1	PHYS 3101	Junior Laboratory Research I			Consent of instructor and either PHYS 2426 or PHYS 2412.		
			3	PHIL 3317	Perspectives on Science and Mathematics			UTCH 1101, UTCH 1102		
			3	POLS 2301	U.S. & Texas Government & Politics I		070			
			1	XXXX X1XX	Integrative and Experiential Learning					
		3	UTCH 3303	Project-Based Instruction			(a) A university grade point average of at least 2.75, (b) UTCH 3302 with a grade of 'C' or better or concurrent enrollment with UTCH 3302 with consent of UTeach advisor, and (c) positive evaluation of the second-stage UTeach portfolio.			
	14 Semester Total Hours									
		SPRING		3	CHEM 2301	Analytical Chemistry				
				3	PHYS 3330	Functions and Modeling			A grade of 'C' or better in the following: MATH 2413 (or MATH 2487) and UTCH 1102.	
				4	PHYS 3404	Optics			MATH 2415 and either PHYS 2412 or PHYS 2426.	
			3	POLS 2302	U.S. & Texas Government & Politics II		070			
			3	READ 4305	Content Area Literacy			Admission to COE Teacher Education Program.		
16 Semester Total Hours										
FOURTH YEAR	FALL		3	CHEM 3303	Biochemistry I			CHEM 2323.		
			4	PHYS 4401	Physics Education			PHYS 3301 and PHYS 3404.		
			3	XXXX X3XX	Creative Arts		050			
			3	XXXX X3XX	Integrative and Experiential Learning		090			
		13 Semester Total Hours								
		SPRING		3	PHYS 4392	Research Methods			Grade C or better in the following: MATH 2413 (or MATH 2487) and UTCH 1102.	
				4	CHEM 4401	Chemistry Education			CHEM 1111, CHEM 1112, and CHEM 1312.	
				1	UTCH 4101	Apprentice Teaching Seminar			(a) A university grade point average of at least 2.75, (b) UTCH 3303 with a grade of 'C' or better, (c) concurrent enrollment with UTCH 4601, (d) successful completion of PPR and content TExES examinations, and (e) acceptance of the third-stage UTeach portfolio.	
				6	UTCH 4601	Apprentice Teaching			(a) A university grade point average of at least 2.75, (b) UTCH 3303 with a grade of 'C' or better, (c) successful completion of PPR and content TExES examinations, and (d) acceptance of the third-stage UTeach portfolio.	
	14 Semester Total Hours									

Progression Requirements: Admission to the College of Education and P-16 Integration is required for participation in Apprentice Teaching and Seminar (UTCH 4101, 4601). Students unable to be admitted to UTCH 4601 and UTCH 4101 will be required to substitute 4 advanced hours, as recommended by advisor.

123 TOTAL HOURS

(51) TOTAL ADVANCED HOURS

Approved: Wednesday, March 12, 2014

Revised: Thursday, August 13, 2015