

	I	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.		
		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.		
		3		POLS 2301	U.S. & Texas Government & Politics I		070			
		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		X3XX-X3XX	Social and Behavioral Sciences		080				
	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.		
	18 (0) Semester Total Hours									
	SPRING	3		ENGL 1302	Rhetoric And Composition II	c	010	A grade of 'C' or better in ENGL 1301 or ENGL 1387.		
3			CHEM 1312	General Chemistry II		030	CHEM 1311.			
1			CHEM 1112	General Chemistry II Lab		090	Credit/registration in CHEM 1312.			
4			MATH 2414	Calculus II		020	MATH 2413 (or MATH 2487) with a grade of 'C' or better.			
3			POLS 2302	U.S. & Texas Government & Politics II		070				
3			X3XX-X3XX	Creative Arts		050				
1			UTCH 1102	Inquiry-Based Lesson Design	c		UTCH 1101 with a grade of 'C' or better or concurrent enrollment with UTCH 1101.			
18 (0) Semester Total Hours										
SECOND YEAR	FALL	3		CHEM 2323	Organic Chemistry I			Credit/registration in CHEM 2323.	Satisfies Major-Specific Requirement.	
		1		CHEM 2123	Organic Chemistry I Lab				Satisfies Major-Specific Requirement.	
		3		X3XX-X3XX	Language, Philosophy & Culture		040			
		3		HIST 1301	U.S. History I		060			
		3 (3)		UTCH 3301	Knowing and Learning in Mathematics ar	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.		
	13 (3) Semester Total Hours									
	SPRING	3		CHEM 2325	Organic Chemistry II				Satisfies Major-Specific Requirement.	
		1		CHEM 2125	Organic Chemistry II Lab			CHEM 2123.	Satisfies Major-Specific Requirement.	
		3		HIST 1302	U.S. History II		060			
		3		X3XX-X3XX	Integrative and Experiential Learning		090			
3 (3)			UTCH 3302	Classroom Interactions	c		(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.			
13 (3) Semester Total Hours										
									Must apply to Teacher Education Program.	

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.

	I	H	A	Course #	Course Title	Min Grade	GEC	Prerequisite	Additional Notes
THIRD YEAR	FALL	3	(3)	CHEM 3303	Biochemistry I			CHEM 2323.	Satisfies Major-Specific Requirement.
		1	(1)	CHEM 3103	Biochemistry I Lab			Credit/registration in CHEM 3303.	Satisfies Major-Specific Requirement.
		3		CHEM 2301	Analytical Chemistry				Satisfies Major-Specific Requirement.
		1		CHEM 2101	Analytical Chemistry Lab			CHEM 2301.	Satisfies Major-Specific Requirement.
		4		PHYS 1401	General Physics I		090	MATH 1414 or MATH 1314.	
	3	(3)	READ 4305	Content Area Literacy				Admission to COE Teacher Education Program.	
	15	(7)	Semester Total Hours						
	SPRING	3	(3)	CHEM 3301	Inorganic Chemistry			12 hours of chemistry, including CHEM 2323.	Satisfies Major-Specific Requirement.
		2	(2)	CHEM 3202	Inorganic Chemistry Lab			Credit/registration in CHEM 3301.	Satisfies Major-Specific Requirement.
		3	(3)	CHEM 4304	Instrumental Analysis			CHEM 2301 and CHEM 2101.	Satisfies Major-Specific Requirement.
1		(1)	CHEM 4104	Instrumental Analysis Lab			CHEM 4304.	Satisfies Major-Specific Requirement.	
4			PHYS 1402	General Physics II			PHYS 1401.		
3	(3)	PHIL 3317	Perspectives on Science and Mathematics				UTCH 1101, UTCH 1102		
16	(12)	Semester Total Hours							
FOURTH YEAR	FALL	3	(3)	CHEM 3304	Physical Chemistry I			PHYS 1402; MATH 2413 (or MATH 2487) with a grade of 'C'	Satisfies Major-Specific Requirement.
		1	(1)	CHEM 3104	Physical Chemistry I Lab			Credit/registration in CHEM 3304.	Satisfies Major-Specific Requirement.
		1	(1)	CHEM 4105	Chemistry Capstone			Senior standing.	Satisfies Major-Specific Requirement.
		2	(2)	CHEM 4201	Chemistry Problems I			Chemistry major with junior standing or consent of instructor.	Satisfies Major-Specific Requirement.
		3	(3)	CHEM 3330	Functions and Modeling				Satisfies Major-Specific Requirement.
	3	(3)	CHEM 4392	Research Methods				Satisfies Major-Specific Requirement.	
	3	(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.		
	16	(16)	Semester Total Hours					Must apply to Apprentice Teaching	
	SPRING	3	(3)	CHEM 3305	Physical Chemistry II			CHEM 3304	Satisfies Major-Specific Requirement.
		1	(1)	CHEM 3105	Physical Chemistry II Lab			Credit/registration in CHEM 3305.	Satisfies Major-Specific Requirement.
1		(1)	CHEM 4101	Chemistry Seminar			Chemistry Major with senior standing or consent of instructor.	Satisfies Major-Specific Requirement.	
6		(6)	UTCH 4601	Apprentice Teaching			(a) A university grade point average of at least 2.75, (b)		
1		(1)	UTCH 4101	Apprentice Teaching Seminar			(a) A university grade point average of at least 2.75, (b)		
1		X1XX-X1XX	Free Elective						
13	(12)	Semester Total Hours							

Progression Requirements: Admission to the College of Education 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 5 advanced hours as recommended by advisor.

122 TOTAL HOURS
(53) TOTAL ADVANCED HOURS

Approved: *A. Q. Moore* 10-20-15
Revised: Tuesday, October 13, 2015