

		!	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	FALL		3	Choose 1	Communication (Core)	C		For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302/1388, a grade of "C" or better in ENGL 1301/1387.	See General Education Core for more details Options: ENGL 1301 or ENGL 1387 (H)	
			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 1311	
			3	Choose 1	Government/Political Science (Core)			070		See General Education Core for more details Options: POLS 2305 or POLS 2385 (H)
			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.	
		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 Semester Total Hours									
		SPRING		3	Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302/1388, a grade of "C" or better in ENGL 1301/1387.	See General Education Core for more details Options: ENGL 1302 or ENGL 1388 (H) or ENGL 1305
			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		Choose 1	Government/Political Science (Core)			060		See General Education Core for more details Options: POLS 2306 or POLS 2386 (H)	
		3	Choose 1	Creative Arts (Core)			050		See General Education Core for course options.	
		1	UTCH 1102	Inquiry-Based Lesson Design	C			UTCH 1101 with a grade of 'C' or better or concurrent enrollment with UTCH 1101.		
18 Semester Total Hours										
SECOND YEAR	FALL		3	CHEM 2323	Organic Chemistry I			Credit in CHEM 1312/1112		
			1	CHEM 2123	Organic Chemistry I Lab			Credit/registration in CHEM 2323.		
			3	Choose 1	Language, Philosophy & Culture (Core)				See General Education Core for course options.	
			3	Choose 1	American History (Core)			060		See General Education Core for more details. Options: HIST 1301 or HIST 1387 or HIST/MASC 2327
			1	Choose 1	Integrative/Experiential Learning Option (Core)			090		See General Education Core for course options.
		3	Choose 1	Social and Behavioral Sciences (Core)					See General Education Core for course options.	
	14 Semester Total Hours									
		SPRING		3	CHEM 2325	Organic Chemistry II			Credit in CHEM 2323/2123	
			1	CHEM 2125	Organic Chemistry II Lab				CHEM 2123.	
			3	Choose 1	American History (Core)					See General Education Core for more details. Options: HIST 1302 or HIST 1388 or HIST/MASC 2328
	3		Choose 1	Integrative/Experiential Learning Option (Core)			090		See General Education Core for course options.	
		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.		
13 Semester Total Hours										
									Must apply to Teacher Education Program.	

CORE: The 2017-2019 list of core courses can be found at: www.utrgv.edu > Academics > Undergraduate > General Education Core www.utrgv.edu/core

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.

		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL	3	CHEM 3303	Biochemistry I			CHEM 2323.		
		1	CHEM 3103	Biochemistry I Lab			Credit in CHEM 2123. Credit/registration in CHEM 3303.		
		3	CHEM 2301	Analytical Chemistry			Credit in CHEM 1312		
		1	CHEM 2101	Analytical Chemistry Lab			CHEM 2301. Credit in CHEM 1112.		
		4	PHYS 1401	General Physics I			MATH 1414 or MATH 1314		
		3	READ 4305	Content Area Literacy			Admission to COE Teacher Education Program.		
		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.		
18 Semester Total Hours									
THIRD YEAR	SPRING	3	CHEM 3301	Inorganic Chemistry			12 hours of chemistry, including CHEM 2323.		
		1	CHEM 3101	Inorganic Chemistry Lab			Credit/registration in CHEM 3301.		
		3	CHEM 4304	Instrumental Analysis			CHEM 2301 and CHEM 2101.		
		1	CHEM 4104	Instrumental Analysis Lab			CHEM 4304.		
		4	PHYS 1402	General Physics II			PHYS 1401.		
		3	PHIL 3317	Perspectives on Science and Mathematics			UTCH 1101, UTCH 1102		
15 Semester Total Hours									
FOURTH YEAR	FALL	3	CHEM 3304	Physical Chemistry I			PHYS 1402; MATH 2413 (or MATH 2487) with a grade of 'C' or better and registration in MATH 2414 (or MATH 2488).		
		1	CHEM 3104	Physical Chemistry I Lab			Credit/registration in CHEM 3304.		
		3	CHEM 4305				Senior standing		
		2	CHEM 4201	Chemistry Problems I			Chemistry major with junior standing or consent of instructor.		
		3	PHYS 3330	Functions and Modeling					
		3	PHYS 4392	Research Methods					
		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.		
	18 Semester Total Hours								
	FOURTH YEAR	SPRING	3	CHEM 3305	Physical Chemistry II			CHEM 3304	
			1	CHEM 3105	Physical Chemistry II Lab			Credit/registration in CHEM 3305.	
			1	CHEM 4101	Chemistry Seminar			Chemistry Major with senior standing or consent of instructor.	
			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.	
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.		
12 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 4601, 4101). Students unable to be admitted to UTCH 4601 and UTCH 4101 will be required to substitute 5 advanced hours, as recommended by advisor.

Graduation Requirements

In addition to the graduation requirements listed in the UTRGV 2017-2019 Undergraduate Catalog, demonstration of proficiency in a language other than English is required at the undergraduate level equivalent to a minimum of six credit hours. Proficiency can be demonstrated by a college credit exam, a placement test approved through the UTRGV department of Writing and Language Studies, and/or to six credit hours of college-level language coursework.

123 TOTAL HOURS
(54) TOTAL ADVANCED HOURS

Approved:
 Revised: Saturday, April 8, 2017