

FIRST YEAR	FALL	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
			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 1301 <b>or</b> ENGL 1387 (H)	
			3	MATH 1350	Fundamentals of Mathematics I		c	MATH 1314 or MATH 1414 with a grade of 'C' or better.		
			3	Choose 1	American History (Core)			060		See General Education Core for more details. Options: HIST 1301 <b>or</b> HIST 1387 <b>or</b> HIST/MASC 2327
			1	UTCH 1101	Inquiry Approaches to Teaching		c		TB Vaccine	
			3	Choose 1	Integrative/Experiential Learning Option (Core)			090		Recommended: CSCI 1380
			4	MATH 2412	Precalculus		c	020	MATH 1314 or MATH 1414 with a grade of 'C' or better; or passing the College Algebra Exemption Test administered by the Department of Mathematics.	
				UNIV 1301	Learning Framework					Only if required, based on ACT/SAT and high school rank.
	17 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 <b>or</b> ENGL 1388 (H) <b>or</b> ENGL 1305		
		3	MATH 1351	Fundamentals of Mathematics II		c		MATH 1350 with a grade of 'C' or better.		
		3	Choose 1	American History (Core)		c	060		See General Education Core for more details. Options: HIST 1302 <b>or</b> HIST 1388 <b>or</b> HIST/MASC 2328	
		1	UTCH 1102	Inquiry-Based Lesson Design		c		UTCH 1101 with a grade of "C"		
		4	MATH 2413	Calculus I		c		MATH 2412 with a grade of 'C' or better; or passing the Precalculus Exemption Test administered by the Department of Mathematics.		
		3	Choose 1	Social and Behavioral Sciences (Core)			080		Recommended: ECON 1301 or ECON 2301	
	17 Semester Total Hours									
SECOND YEAR	FALL	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
			4	Choose 1	Life and Physical Sciences (Core)			030		Recommended: PHYS 2425
			3	MATE 3301	Fundamentals of Middle School Mathematics		c		MATH 1351 with a grade of 'C' or better.	
			3	Choose 1	Government/Political Science (Core)			070		See General Education Core for more details Options: POLS 2305 <b>or</b> POLS 2385 (H)
			3	Choose 1	Creative Arts (Core)			050		See General Education Core for course options.
			3	Choose 1	Language, Philosophy & Culture (Core)			040		See General Education Core for course options.
	16 Semester Total Hours									
	SPRING		4	Choose 1	Life and Physical Sciences (Core)			030		Recommended: PHYS 2426
			3	MATE 3302	Fundamentals of Measurement and Geometry I		c		MATH 1351 with a grade of 'C' or better.	
			3	Choose 1	Government/Political Science (Core)			070		See General Education Core for more details Options: POLS 2306 <b>or</b> POLS 2386 (H)
			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 1102 with consent of Uteach Advisor.	
			1	Choose 1	Integrative/Experiential Learning Option (Core)			090		See General Education Core for course options.
										<b>Must apply to Teacher Education Program</b>
14 Semester Total Hours										

CORE: The 2018-2019 list of core courses can be found at: [www.utrgv.edu](http://www.utrgv.edu) > Academics > Undergraduate > General Education Core  
[www.utrgv.edu/core](http://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 - Applied Communication and Literacies; 090 - Humanities; 090 - Leadership; 090 - Science Labs; 090 - Interdisciplinary ; 090 - Technologies; 090 - Language Diversity & Writing.

**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.

THIRD YEAR	FALL	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
			3	MATE 3303	Fundamentals of Measurement and Geometry II	c		MATE 3302 with a grade of 'C' or better.	
			3	MATE 3304	Fundamentals of Algebraic Structures	c		MATH 1351 with a grade of 'C' or better.	
			3	MATE 3321	Functions and Modeling	c		MATH 2413 (or MATH 2487) and UTCH 1102, each with a grade of 'C' or better.	
			4	X4XX X4XX	Life and Physical Sciences				Support Course
			3	UTCH 3302	Classroom Interactions			(a) A University grade point average of at least 2.75, (b) UTCH 3301 with a grade of "C" and admission to Teacher Education Program.	
	16 Semester Total Hours								
SPRING		3	MATE 3305	Fundamentals of Statistics and Probability	c		MATH 1351 or MATH 2413 (or MATH 2487) with a grade of 'C' or better.		
		3	MATE 3306	Middle School Mathematics in a Technological Environment	c		MATH 1351 with a grade of 'C' or better.		
		3	MATE 3307	Fundamentals of Problem Solving	c		MATH 1351 with a grade of 'C' or better.		
		3	MATE 3313	Fundamentals of Mathematics History	c		MATH 1351 and MATH 2412, each with a grade of 'C' or better.		
		3	MATE 4319	Research Methods in Middle School Mathematics	c		Consent of instructor.		
	15 Semester Total Hours								
FOURTH YEAR	FALL	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
			3	MATE 3317	Perspectives in Mathematics and Science	c		MATE 3321, BIOL 3330, or PHYS 3330 with a grade of "C" or better.	
			3	MATE 3311	Fundamentals of Discrete Mathematics	c		MATH 1351 with a grade of 'C' or better.	
			3	MATE 3312	Fundamentals of Number Theory	c		MATH 1351 with a grade of 'C' or better.	
			3	MATE 3314	Fundamentals of Mathematical Structures and Processes	c		MATH 1351 with a grade of 'C' or better.	
			3	UTCH 3303	Project-Based Instruction	c		(a) University grade point average of at least 2.75, (b) UTCH 3302 with a grade of "C".	
	15 Semester Total Hours								
	SPRING		3	READ 4305	Disciplinary Literacy in Content Area Classrooms			(a) University grade point average of at least 2.75, (b) UTCH 3303 with a grade of "C" or better, © concurrent enrollment with UTCH 4601, (d) successful completion of PPR and content TExES examinations, acceptance of the Uteach Portfolio.	
		1	UTCH 4101	Apprentice Teaching Seminar					
		6	UTCH 4601	Apprentice Teaching			(a) University grade point average of at least 2.75, (b) UTCH 3303 with a grade of "C" or better, © concurrent enrollment with UTCH 4601, (d) successful completion of PPR and content TExES examinations, acceptance of the Uteach Portfolio.		
10 Semester Total Hours									

**Note**

This program leads to a profession which requires an occupational license as defined under Texas Occupations Code 58.001. This requires that all applicants seeking to become licensed must undergo a criminal background check prior to licensure. Students in this program should check with the College of Education and P-16 Integration on the requirements for a criminal background check prior to student teaching.

**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 7 advanced hours, as recommended by advisor.

**Graduation Requirements:** A grade of "C" or better with a GPA of 2.75 or greater is required in all MATH and MATE.

In addition to the graduation requirements listed in the UTRGV 2018-2019 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.

**120 TOTAL HOURS**  
**(61) TOTAL ADVANCED HOURS**

Approved: Tuesday, April 3, 2018  
Revised: Sunday, July 22, 2018