

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR		3	Choose 1	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 or ENGL 1387 (H)	
		4	MATH 2413	C	020	MATH 2412 with a grade of 'C' or better; or passing the Precalculus Exemption Test administered by the Department of Mathematics.	Three Hour Lecture will satisfy the general education core One Hour Lecture will satisfy the major requirement.	
	FALL		3	Choose 1		060	See General Education Core for more details. Options: HIST 1301 or HIST 1387(H) or HIST/MASC 2327	
			3	Choose 1		080	See General Education Core for course options.	
			3	Choose 1		050	See General Education Core for course options.	
		1	UTCH 1101	Inquiry Approaches to Teaching	C		Must be a Math or Science Major	UTeach requirement: TB Vaccine and Criminal Background Check
		UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.	
17 Semester Total Hours								
SECOND YEAR		3	Choose 1		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	
		4	MATH 2414	C		MATH 2413 (or MATH 2487) with a grade of 'C' or better.		
	SPRING		4	PHYS 2425	C	030/090	MATH 2413 (or MATH 2487) and concurrent enrollment in MATH 2414 (or MATH 2488).	It is mandatory for students pursuing a BS in Physics to take face-to-face (onsite) lecture sections for PHYS 2425/2426
			3	Choose 1		060	See General Education Core for more details. Options: HIST 1302 or HIST 1388 (H) or HIST/MASC 2328	
		3	CSCI 1380	Computer Science I		090	Concurrent enrollment or credit for MATH 1314 or higher level mathematics course.	
		1	UTCH 1102	Inquiry-Based Lesson Design	C		UTCH 1101 with a grade of "C"	UTeach requirement
18 Semester Total Hours								
THIRD YEAR		4	MATH 2415	C		MATH 2414 (or MATH 2488) with a grade of 'C' or better.		
		3	Choose 1		040	See General Education Core for course options.		
	FALL		4	PHYS 2426		030/090	PHYS 2425.	It is mandatory for students pursuing a BS in Physics to take face-to-face (onsite) lecture sections for PHYS 2425/2426
			3	Choose 1		070	See General Education Core for more details Options: POLS 2305 or POLS 2385 (H)	
			3	PHYS 3330			A grade of 'C' or better in the following: MATH 2413 (or MATH 2487) and UTCH 1102.	UTeach requirement
	17 Semester Total Hours							
FOURTH YEAR		3	MATH 3341			MATH 2414 (or MATH 2488) with a grade of 'C' or better.		
		3	MATE 3317			MATE 3321, BIOL 3330, or PHYS 3330 with a grade of "C" or better.	UTeach requirement; Alternative: PHIL 3317	
	SPRING		4	PHYS 3402			PHYS 2426	Physics core requirement.
			3	UTCH 3301	C		UTCH 1101 and UTCH 1102 with a grade of "C" or better or concurrent enrollment with UTCH 1102 with consent of Uteach Advisor.	UTeach requirement
			3	Choose 1		070	See General Education Core for more details Options: POLS 2306 or POLS 2386 (H)	
			1	Choose 1		090	See General Education Core for course options.	
17 Semester Total Hours								
Must apply to Teacher Education Program.								

CORE: The 2019-2020 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 - Applied Communication and Literacies; 090 - Humanities; 090 - Leadership; 090 - Science Labs; 090 - Interdisciplinary ; 090 - Technologies; 090 - Language Diversity & Writing.

	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
THIRD YEAR	FALL	3	PHYS 3305	Classical Mechanics			PHYS 2426 and MATH 2415.	Physics core requirement.
		4	PHYS 3411	Math Methods for Physicist I			MATH 3341	Physics core requirement.
		3	PHYS 3303	Thermodynamics			MATH 2415 and either PHYS 2412 or PHYS 2426.	Physics core requirement.
		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" and admission to Teacher Education Program.	UTeach requirement
		3	X3XX - X3XX	Free Elective				Language Proficiency Requirement (as needed)
16 Semester Total Hours								
THIRD YEAR	SPRING	3	X3XX - X3XX	Free Elective				Language Proficiency Requirement (as needed)
		3	PHYS 4305	Statistical Mechanics			PHYS 3303 and PHYS 3311.	Physics core requirement.
		1	PHYS 4101	Senior Laboratory Research			Consent of instructor.	Physics core requirement.
		3	READ 4305	Disciplinary Literacy in Content Area Classrooms				
		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".	UTeach requirement
13 Semester Total Hours								
	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FOURTH YEAR	FALL	3	PHYS 3304	Optics			MATH 2415 and either PHYS 2412 or PHYS 2426.	Physics core requirement.
		3	PHYS 3301	Electromagnetic Theory I			MATH 2415 and either PHYS 2426 or PHYS 2412.	Physics core requirement.
		3	PHYS 4303	Quantum Mechanics I			PHYS 3305 and PHYS 3311.	Physics core requirement.
		3	PHYS 4300	Undergraduate Research			Senior standing in the Physics Degree Program and consent of a supervising faculty member.	Capstone
		3	PHYS 4392	Research Methods			Grade C or better in the following: MATH 2413 (or MATH 2487) and UTCH 1102.	UTeach requirement
15 Semester Total Hours								
FOURTH YEAR	SPRING	1	UTCH 4101	Apprentice Teaching Seminar		C	An institutional grade point average of at least 2.75 and UTCH 3303 with a grade of "C" or better. Corequisite: UTCH 4601	UTeach requirement
		6	UTCH 4601	Apprentice Teaching		C	An institutional grade point average of at least 2.75 and UTCH 3303 with a grade of "C" or better and successful completion of PPR and context TExES examinations.	UTeach requirement
7 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 advance hours, as recommended by advisor.

120 TOTAL HOURS

(61) TOTAL ADVANCED HOURS

Approved: Thursday, April 4, 2019

Revised: Monday, May 6, 2019