

	FIRST YEAR		SECOND YEAR				
	I	A	I	A			
	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FALL	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 or ENGL 1387 (H)
	4	BIOL 1406	General Biology I	c	090		Alternatively BIOL 1487 Honors. Satisfies Major-Specific Requirement. One hour Integrative & Experiential Learning
	3	CHEM 1311	General Chemistry I	c	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	c	090	Credit/registration in CHEM 1301.	
	3	PSYC 2301	General Psychology		080		
	1	UTCH 1101	Inquiry Approaches to Teaching	c		TB Vaccine	
			UNIV 1301	Learning Framework			Only if required, based on ACT/SAT and high school rank.
<b>15 (0) Semester Total Hours</b>							
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
	4	BIOL 1407	General Biology II	c		BIOL 1406 or BIOL 1487.	Alternatively BIOL 1488 Honors. Satisfies Major-Specific Requirement.
	3	CHEM 1312	General Chemistry II	c	030	CHEM 1311.	
	1	CHEM 1112	General Chemistry II Lab	c	090	Credit/registration in CHEM 1312.	
	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.	Alternatively MATH 2487 Honors. Satisfies Major-Specific Requirement.
	1	UTCH 1102	Inquiry-Based Lesson Design	c		UTCH 1101 with a grade of "C" or better	
<b>16 (0) Semester Total Hours</b>							
SUMMER	3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST 1387 or HIST/MASC 2327
<b>3 (0) Semester Total Hours</b>							
	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FALL	3	CHEM 2323	Organic Chemistry I				Satisfies Major-Specific Requirement.
	1	CHEM 2123	Organic Chemistry I Lab			Credit/registration in CHEM 2323.	Satisfies Major-Specific Requirement.
	3	Choose 1	Government/Political Science (Core)		070		See General Education Core for more details Options: POLS 2305 or POLS 2385 (H)
	3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.
	3	Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for course options. Recommended: CSCI 1380 or QUMT 2398.
	3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.
	<b>16 (0) Semester Total Hours</b>						
SPRING	3 (3)	BIOL 3301	Biological Evolution			BIOL 1406 (or BIOL 1487) and BIOL 1407 (or BIOL 1488), or permission of instructor.	Satisfies Major-Specific Requirement.
	3	Choose 1	Government/Political Science (Core)		070		See General Education Core for more details Options: POLS 2306 or POLS 2386 (H)
	4	PHYS 1401	General Physics I			MATH 1414, MATH 1314, MATH 2412, or MATH 2413	Satisfies Major-Specific Requirement.
	3 (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 eith UTCH 1102 with consent of Uteach Advisor.	
	3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1302 or HIST 1388 or HIST/MASC 2328 Must apply to Teacher Education Program.
<b>16 (6) Semester Total Hours</b>							

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.

		I	H	A	Course #	Course Title	Min Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL	4	(4)		BIOL 3413	Genetics			BIOL 1406 (or BIOL 1487) , BIOL 1407 (or BIOL 1487), CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112.	Satisfies Major-Specific Requirement.	
		4			PHYS 1402	General Physics II			PHYS 1401.	Satisfies Major-Specific Requirement.	
		4	(4)		BIOL 3409 or BIOL 3420	Ecology or Environmental Biology			9 hours of Biology, including 1407 (or BIOL 1487)	Satisfies Major-Specific Requirement. Alternatively BIOL 3420.	
		3	(3)		PHIL 3317	Perspectives on Science and Mathematics			UTCH 1101, UTCH 1102	Satisfies Major-Specific Requirement.	
		<b>15 (11) Semester Total Hours</b>									
THIRD YEAR	SPRING	4	(4)		BIOL 3412	Cell Biology			BIOL 1406 (or BIOL 1487) , BIOL 1407 (or BIOL 1487), CHEM 2123, and CHEM 2323.	Satisfies Major-Specific Requirement.	
		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 and Admission to Teacher Education Program.		
		3	(3)		BIOL 4392	Research Methods in the Science and Mathematics Classroom (UTeach)			Grade of 'C' or better in the following: BIOL 1406 (or BIOL 1487), BIOL 1407 (or BIOL 1487); or CHEM 1111, 1112, 1311, 1312; or MATH 1314 or 1414; or PHYS 1401, 1402 or PHYS 2425, 2426 or PHYS 2411, 2412; and UTCH 1101, 1102 or consent of instructor.	Satisfies Major-Specific Requirement.	
		3	(3)		BIOL 33XX-43XX	Major Advanced Elective				See Degree Plan for course options. Plants group	
		3			X3XX-X3XX	Major Elective				Choose from Plants, Animals, Microbiology	
		<b>16 (13) Semester Total Hours</b>									
		I	H	A	Course #	Course Title	Min Grade	GEC	Prerequisite	Additional Notes	
FOURTH YEAR	FALL	3	(3)		UTCH 3303	Project-Based Instruction		c	(a) A University grade point average of at least 2.75. (b) UTCH 3302 with a grade of "C" or better.	Satisfies Major-Specific Requirement.	
		4	(4)		BIOL 4400	Biological Communication (Capstone)			Biology Major of junior standing; 15 Advanced Hours in Biology	Satisfies Major-Specific Requirement.	
		3	(3)		BIOL 3330	Functions and Modeling			A grade of 'C' or better in the following: MATH 2413 and UTCH 1102.	Satisfies Major-Specific Requirement.	
		4	(4)		BIOL 34XX-44XX	Major Advanced Elective				See Degree Plan for course options. Microbiology	
		3	(3)		BIOL 33XX-43XX	Major Advanced Elective				See Degree Plan for course options. Animals group	
				<b>17 (17) Semester Total Hours</b>							
FOURTH YEAR	SPRING	3	(3)		READ 4305	Disciplinary Literacy in Content Area Classrooms				Satisfies Major-Specific Requirement.	
		1	(1)		UTCH 4101	Apprentice Teaching Seminar		c	(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	(6)		UTCH 4601	Apprentice Teaching		c	(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, acceptance of the Uteach Portfolio.		
		<b>10 (10) Semester Total Hours</b>									

**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 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 3 advanced hours, as recommended by advisor.

**Graduation Requirements**

1. Minimum GPA of 2.75 is required for graduation. BIOL 1406 (or BIOL 1487 Honors), BIOL 1407 (or BIOL 1488 Honors), CHEM 1311/1111, CHEM 1312/1112, UTCH 1101, UTCH 1102, UTCH 3301, UTCH 3302, UTCH 3303, UTCH 4101, UTCH 4601 with a grade of 'C' or better grade in all of these courses; and approval of UTeach portfolio are required for graduation.
2. 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.

**124 TOTAL HOURS**  
**(57) TOTAL ADVANCED HOURS**

Approved: Friday, March 30, 2018  
Revised: Sunday, July 22, 2018