

	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FIRST YEAR		3	Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	See General Education Core for more details <b>Options: ENGL 1301</b>
		4	BIOL 1406	General Biology I (Core)	C	090		Satisfies Major-Specific Requirement. (One hour lab - Integrative & Experiential Learning in the General Education Core)
		4	MATH 2412	Precalculus (Core)	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.	
		3	PSYC 2301	General Psychology (Core)		080		
		1	UTCH 1101	Inquiry Approaches to Teaching	C		Prerequisites: Must be a Mathematics or Science Major.	A criminal background check will be required and a tuberculosis test may be required before the first field experience.
				UNIV	1301 Learning Framework 1101 Academic and Career Success 1001 Living and Working by Design			
<b>15 Semester Total Hours</b>								
FIRST YEAR		3	Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	See General Education Core for more details <b>Options: ENGL 1302 or ENGL 1305</b>
		4	BIOL 1407	General Biology II	C		BIOL 1406.	Satisfies Major-Specific Requirement.
		3	CHEM 1311	General Chemistry I (Core)	C	030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 2412, MATH 2413, with a grade of "C" or higher.	
		1	CHEM 1111	General Chemistry I Lab (Core)	C	090	Credit/registration in CHEM 1311	
		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.	Satisfies Major-Specific Requirement.
		1	UTCH 1102	Inquiry-Based Lesson Design	C		UTCH 1101 with a grade of "C" or better	Satisfies Major-Specific Requirement.
<b>16 Semester Total Hours</b>								
SUMMER		3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.
		3	Choose 1	American History (Core)		060		See General Education Core for more details. <b>Options: HIST 1301 or HIST 2327</b>
<b>6 Semester Total Hours</b>								
	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
SECOND YEAR		3	CHEM 1312	General Chemistry II (Core)	C	030	CHEM 1311.	
		1	CHEM 1112	General Chemistry II Lab (Core)	C	090	Credit/registration in CHEM 1312.	
		3	POLS 2305	U.S. Federal Government and Politics (Core)		070		See General Education Core for more details
		3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.
		3	BIOL 3301	Biological Evolution			Grade of 'C' or better in the following: BIOL 1406 and BIOL 1407, or consent of instructor	Satisfies Major-Specific Requirement.
		3	Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for course options. Recommended: CSCI 1380 or QUMT 2398.
<b>16 Semester Total Hours</b>								
SECOND YEAR		3	CHEM 2323	Organic Chemistry I			CHEM 1312	Satisfies Major-Specific Requirement.
		1	CHEM 2123	Organic Chemistry I Lab			CHEM 1112	Satisfies Major-Specific Requirement.
		3	POLS 2306	Texas Government and Politics (Core)		070		See General Education Core for more details
		4	PHYS 1401	General Physics I			MATH 1414, MATH 1314, MATH 2412, or MATH 2413	Satisfies Major-Specific Requirement.
		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	
		3	Choose 1	American History (Core)		060		See General Education Core for more details. <b>Options: HIST 1302 or HIST 2328</b>
<b>17 Semester Total Hours</b>								
							<b>Must apply to Teacher Education Program.</b>	

**CORE: The 2022-2023 list of core courses can be found in the 2022-2023 Undergraduate Catalog: [www.utrgv.edu/smartcatalog](http://www.utrgv.edu/smartcatalog) > Bachelors Degree Regulations and Graduation Policies > 'Core Curriculum'**

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	4		BIOL 3413	Genetics			BIOL 1406, BIOL 1407, 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		BIOL 3409 or BIOL 3420	Ecology or Environmental Biology			For BIOL 3409: Grade of 'C' or better in the following: BIOL 1406 and BIOL 1407 For BIOL 3420: BIOL 1406 and BIOL 1407.	Satisfies Major-Specific Requirement.
		3		BIOL 4392	Research Methods in the Science and Mathematics Classroom (UTeach)			For BIOL 4392: Grade of 'C' or better in the following: BIOL 1406, BIOL 1407; or CHEM 1111, 1112, 1311, 1312; or MATH 1314 or 1414; or PHYS 1401, 1402 for PHYS 2425, 2426 or PHYS 2411, 2412; and UTCH 1101, 1102 or consent of instructor.	Satisfies Major-Specific Requirement.
		3		READ 4305	Disciplinary Literacy in the Classrooms				Satisfies Major-Specific Requirement.
<b>18 Semester Total Hours</b>									
THIRD YEAR	SPRING	4		BIOL 3412	Cell Biology			BIOL 1406, BIOL 1407, CHEM 2123, and CHEM 2323.	Satisfies Major-Specific Requirement.
		3		UTCH 3302	Classroom Interactions		C	(a) An institutional grade point average of at least 2.75, (b) UTCH 1102 with a grade of 'C' or better, (c) UTCH 3301 with a grade of 'C' or better, and (d) admission to the Teacher Education Program.	Satisfies Major-Specific Requirement.
		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		BIOL 34XX-44XX	Prescribed Advanced Electives				See Degree Plan for course options. <b>Plants group</b>
<b>14 Semester Total Hours</b>									
		I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FOURTH YEAR	FALL	3		UTCH 3303	Project-Based Instruction		C	UTCH 3302 with a grade of "C" or better	Satisfies Major-Specific Requirement.
		3		PHIL 3317	Perspectives on Science and Mathematics			minimum grade of C in one of the following: MATE 3321, BIOL 3330, or PHYS 3330	Satisfies Major-Specific Requirement.
		4		BIOL 34XX-44XX	Prescribed Advanced Electives			varies based on course	See Degree Plan for course options. <b>Microbiology group</b>
		4		BIOL 34XX-44XX	Prescribed Advanced Electives			varies based on course	See Degree Plan for course options. <b>Animals group</b>
<b>14 Semester Total Hours</b>									
FOURTH YEAR	SPRING	1		UTCH 4101	Apprentice Teaching Seminar		C	UTCH 3303 with a grade of "C" or better	Satisfies Major-Specific Requirement.
		6		UTCH 4601	Apprentice Teaching		C	UTCH 3303 with a grade of "C" or better	Satisfies Major-Specific Requirement.
<b>7 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.

**Major Admissions Requirements**

**1. Admission requirements required for this program beyond university admission requirements.**

Admission to the Teacher Education Program at the Office of Educator Preparation and Accountability is required for completion of teacher certification requirements with the undergraduate degree. All admission requirements are in accordance to [Texas Administrative Code rules §227.10](#) and the HEA Title II accountability requirements. All applicants must meet the current certification requirements in effect at the time of application, regardless of the catalog year of degree plan.

**Major Progression Requirements**

1. Progression requirements required for this program.

Teacher Education Program progression requirements include GPA, course grades, certification courses, benchmarks/key assessments and testing.

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 hours, as recommended by advisor.

**Major Graduation Requirements**

**1. Specific graduation requirements required for this program beyond university bachelor's degree requirements.**

Minimum GPA of 2.75 in the major is required for graduation. BIOL 1406, BIOL 1407, 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.

**123 TOTAL HOURS**

Approved: Friday, December 9, 2022

**(42) Advanced minimum credit hours**

Revised: Tuesday, November 15, 2022