FIRST YEAR — FALL

H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
3	**Choose 1**	Communication	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 Options: ENGL 1301
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.	Prerequiste for MATH 2412: MATH 1314/1414 with a grade of "C" or better or passing Exemption Test administered by Department of Mathematics
3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST 2327
1	**UTCH 1101**	Inquiry Approaches to Teaching	C		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. Special permission from a UTeach co-director is required to enroll in UTCH 1101 and UTCH 1102 concurrently.
3	Choose 1	Integrative/Experiential Learning Option (Core)		090		Recommended: CSCI 1380
3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.
	UNIV	1301 Learning Framework 1101 Academic and Career Success 1001/1300 Living and Working by Design				As required, based on a number of factors such as credit hours earned, TSI status, high school rank, major declaration, etc.

17 Semester Total Hours

FIRST YEAR — SPRING

H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
3	**Choose 1**	Communication	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 Options: ENGL 1302 or ENGL 1305
4	MATH 2414	Calculus II	C		MATH 2413 (or MATH 2487) with a grade of 'C' or better.	
3	MATH 2318	Linear Algebra	C		MATH 2413 (or MATH 2487) with a grade of 'C' or better.	
3	Choose 1	American History		060		See General Education Core for more details. Options: HIST 1302 or HIST 2328
1	**UTCH 1102**	Inquiry-Based Lesson Design	C		UTCH 1101 with a grade of "C"	Students will begin developing their UTeach Portfolio. May be taken concurrently with UTCH 3301.
3	Choose 1	Social and Behavioral Sciences		080		Recommended: ECON 1301 or ECON 2301

17 Semester Total Hours

SECOND YEAR — FALL

H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
3	MATE 3321	Functions and Modeling	C		MATH 2413 (or MATH 2487) and UTCH 1102, each with a grade of 'C' or better.	
4	MATH 2415	Calculus III	C		MATH 2414 (or MATH 2488) with a grade of 'C' or better.	
3	POLS 2305	U.S. Federal Government & Politics		070		See General Education Core for more details
4	Choose 1	Life and Physical Sciences		030/090		Recommended: PHYS 2425
3	MATH 3350	Introduction to Mathematical Proof	C		MATH 2318 with a grade of 'C' or better.	

17 Semester Total Hours

SECOND YEAR — SPRING

H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
3	Choose 1	Language, Philosophy & Culture		040		See General Education Core for course options.
3	MATH 3341	Differential Equations	C		MATH 2414 (or MATH 2488) with a grade of 'C' or better.	
3	MATH 3352	Modern Geometry I	C		MATH 2318 with a grade of 'C' or better.	
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.	
1	Choose 1	Integrative/Experiential Learning Option		090		See General Education Core for course options.
4	Choose 1	Life and Physical Sciences		030/090		Recommended: PHYS 2426

17 Semester Total Hours

Student must apply to Teacher Education Program.

The 2024-2026 list of core courses can be found in the 2024-2026 Undergraduate Catalog: www.utrgv.edu/catalog > See 'Bachelors Degree Program Regulations'

Symbols Key

Minimum Grade: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.
Bolded Course #: Program Admission Requirement

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.

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
THIRD YEAR / FALL	3	MATH 3363	Modern Algebra I	C		MATH 2318 and MATH 3350, each with a grade of 'C' or better.	
	3	POLS 2306	Texas Government & Politics		070		See General Education Core for more details
	3	MATE 3317	Perspectives in Mathematics and Science	C		Grade of "C" or better in MATE 3321.	
	3	MATH 3326	History of Mathematics	C		MATH 2414 (or MATH 2488) with a grade of 'C' or better.	
	3	MATH 3372	Real Analysis I	C		MATH 2414 (or MATH 2488) and MATH 3350, each with a grade of 'C' or better.	

15 Semester Total Hours

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
THIRD YEAR / SPRING	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.	
	4	MATE 4423	Advanced Studies in Secondary Mathematics	C		MATH 3352 and MATH 3363, each with grade of 'C' or better.	
	3	STAT 3337	Probability and Statistics	C		MATH 2414 (or MATH 2488) with a grade of 'C' or better.	
	3	MATE 3322	Secondary Mathematics in a Technological Environment	C		MATH 2414 (or MATH 2488) with a grade of 'C' or better.	
	3	MATH 3365	Number Theory	C		MATH 2318 and MATH 3350, each with a grade of 'C' or better.	

16 Semester Total Hours

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FOURTH YEAR / FALL	3	MATE 4392	Research Methods in Mid & Secondary School Math	C		One of the courses MATE 3305, STAT 3337, STAT 2334 , or STAT 3301	
	3	MATH 3361	Applied Discrete Mathematics	C		MATH 2318 with a grade of 'C' or better.	
	3	READ 4305	Disciplinary Literacy in the Classrooms				
	3	MATH 4390	Mathematics Project	C		Credit for or concurrent enrollment in MATH 2415, STAT 3337, MATH 3341, MATH 3352, MATH 3363, MATH 3372.	
	3	UTCH 3303	Project-Based Instruction	C		UTCH 3302 with a grade of 'C' or better. Must be officially admitted to the Educator Preparation Program.	

15 Semester Total Hours

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
SPRING	1	UTCH 4101	Apprentice Teaching Seminar			UTCH 3303 with a grade of 'C' or better.	The final portfolio must provide evidence that the student has met state standards for teacher certification.
	6	UTCH 4601	Apprentice Teaching			UTCH 3303 with a grade of 'C' or better.	

7 Semester Total Hours

121 TOTAL HOURS
(42) Advanced minimum credit hours

Revised: Tuesday, February 18th, 2025