

		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	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	MATH 1414	College Algebra	C	020	College Ready TSI status in Mathematics (grade of "C" or better)	See General Education Core for more details. Satisfies Agriculture and Ecology Track requirement	
		4	BIOL 1406 or BIOL 1487	General Biology I or Honors			090		Satisfies 1 hour of General Education Core - Integrative & Experiential Learning; satisfies Major requirement
		3	Choose 1	Government/Political Science (Core)			070		See General Education Core for more details. Options: POLS 2305 or POLS 2385 (H)
			UNIV 1301	Learning Framework					Only if required, based on ACT/SAT and high school rank
		14	Semester Total Hours						
FIRST YEAR	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 or BIOL 1488	General Biology II or Honors				Satisfies Major requirement	
		3	ECON 2301	Principles of Macroeconomics			080		Satisfies General Education Core - Social & Behavioral Sciences requirement; satisfies Major requirement
		3	COMM 1315	Public Speaking			090		Satisfies General Education Core - Integrative & Experiential Learning requirement; satisfies Major requirement
		3	Choose 1	Government/Political Science (Core)			070		See General Education Core for more details. Options: POLS 2306 or POLS 2386 (H)
		16	Semester Total Hours						
		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
SECOND YEAR	FALL	3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST 1387 (H) or HIST/MASC 2327	
		3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.	
		4	ENVR 1401	Introduction to Environmental Science I			030/090		Satisfies General Education Core - Life & Physical Sciences and Integrative & Experiential Learning; satisfies Major requirement
		3	ENVR 3305	Sustainable Agriculture					Satisfies Major requirement
		3	Choose 1	Agriculture & Ecology Track Elective					Track Electives
		16	Semester Total Hours						
SECOND YEAR	SPRING	3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1302 or HIST 1388 (H) or HIST/MASC 2328	
		4	ENVR 1402	Introduction to Environmental Science II			030/090	ENVR 1401 with a "C" or better	Satisfies General Education Core - Life & Physical Sciences and Integrative & Experiential Learning; satisfies Major requirement
		3	PHIL 4318	Philosophy of Food					Satisfies Major requirement
		4	BIOL 3409	Ecology				9 hours of Biology, including BIOL 1407 (or BIOL 1488).	Satisfies Major requirement
		14	Semester Total Hours						

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.

		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
THIRD YEAR	FALL	4	BIOL 4429	Agroecology			BIOL 3409 or consent of instructor	Satisfies Major requirement
		3	HIST 4333	Food and Agricultural History			HIST 1301 and HIST 1302	Satisfies Major requirement
		3	CHEM 1311	General Chemistry I			MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, or MATH 2487 with a grade of "C" or higher."	Satisfies Track Support Courses requirement
	1	CHEM 1111	General Chemistry I Lab			Credit/registration in CHEM 1311.	Satisfies Track Support Courses requirement	
	3	EEMS 4381 or CESL 3301	Community-Engaged Service Learning I or Community Engaged Scholarship I				Capstone	
	14	Semester Total Hours						
SPRING	3	BIOL 4388	Global Change Ecology			BIOL 3409 or consent of instructor.	Satisfies Major requirement	
	3	ENVR 3301 or ENVR 3304	Natural Resources Conservation or Environmental Approaches to Sustainable Development			ENVR 1402 with grade of "C" or better	Satisfies Major requirement	
	3	CHEM 1312	General Chemistry II			CHEM 1311.	Satisfies Track Support Courses requirement	
	1	CHEM 1112	General Chemistry II Lab			Cedit/registration in CHEM 1312	Satisfies Track Support Courses requirement	
	3	EEMS 4365	Integrated Pest Management				Satisfies Major requirement	
	3	EEMS 4382 or CESL 3302	Community-Engaged Service Learning II or Community Engaged Scholarship II				Capstone	
16	Semester Total Hours							
FOURTH YEAR	FALL	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		3	ECON 3355	Development Economics			ECON 2301.	Satisfies Major requirement
		4	PHYS 1401	General Physics I			MATH 1414 or MATH 1314, MATH 2412 or MATH 2413 for PHYS 1401; MATH 2413 (or MATH 2487) and concurrent enrollment in MATH 2414 (or MATH 2488) for PHYS 2425	Satisfies Track Support Courses requirement
		3	EEMS 3360	Soil Science & Conservation				Satisfies Major requirement
		4	Choose 1	Agriculture & Ecology Track Elective				Track Electives
		1	EEMS 4191	Interdisciplinary Seminar Series Fall				Capstone
15	Semester Total Hours							
SPRING	3	Choose 1	Language, Philosophy & Culture (Core)			040	See General Education Core for course options.	
	3	ANTH 4310	Food and Culture				Satisfies Major requirement	
	3	ENVR 4351	Environmental Management				Satisfies Major-specific elective	
	4	Choose 1	Agriculture & Ecology Track Elective				Track Electives	
	1	EEMS 4192	Interdisciplinary Seminar Series Spring				Capstone	
	1	EEMS 4193	Interdisciplinary Synthesis & Communication				Capstone	
15	Semester Total Hours							

120 TOTAL HOURS

(52) TOTAL ADVANCED HOURS