

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FALL		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)
		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 Track requirement
		BIOL 1406 or BIOL 1487	General Biology I or Honors		090		Satisfies 1 hour of General Education Core - Integrative & Experiential Learning; satisfies Major requirement
		Choose 1	Government/Political Science (Core)		070		See General Education Core for more details. Options: POLS 2305 or POLS 2385 (H)
FIRST YEAR		UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank
	14	<b>Semester Total Hours</b>					
SPRING		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
		BIOL 1407 or BIOL 1488	General Biology II or Honors				Satisfies Major requirement
		ECON 2301	Principles of Macroeconomics		080		Satisfies General Education Core - Social & Behavioral Sciences requirement; satisfies Major requirement
		COMM 1315	Public Speaking		090		Satisfies General Education Core - Integrative & Experiential Learning requirement; satisfies Major requirement
		Choose 1	Government/Political Science (Core)		070		See General Education Core for more details. Options: POLS 2306 or POLS 2386 (H)
16	<b>Semester Total Hours</b>						
SECOND YEAR		Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST 1387 (H) or HIST/MASC 2327
		ENVR 1401	Introduction to Environmental Science I		030/090		Satisfies General Education Core - Life & Physical Sciences and Integrative & Experiential Learning; satisfies Major requirement
		ENVR 3305	Sustainable Agriculture				Satisfies Major requirement
		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
		CHEM 1111	General Chemistry I Lab			Credit/registration in CHEM 1311.	Satisfies Track Support Courses requirement
	14	<b>Semester Total Hours</b>					
FALL		Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1302 or HIST 1388 (H) or HIST/MASC 2328
		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
		PHIL 4318	Philosophy of Food				Satisfies Major requirement
		CHEM 1312	General Chemistry II			CHEM 1311/1111	Satisfies Track Support Courses requirement
		CHEM 1112	General Chemistry II Lab			Credit/registration in CHEM 1312	Satisfies Track Support Courses requirement
14	<b>Semester Total Hours</b>						

CORE: The 2019-2020 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.

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
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	BIOL 1322	Human Nutrition				Satisfies Track requirement
	3	BIOL 4319	Medical Entomology			8 hours of BIOL 1406 (or 1487) and BIOL 1407 (or 1488) or consent of instructor	Satisfies Track requirement
	3	EEMS 4381 or CESL 3301	Community-Engaged Service Learning I or Community Engaged Scholarship I				Capstone
<b>16 Semester Total Hours</b>							
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
	4	Choose 1	Food & Health Focus				Biochemistry: CHEM 2323 & 2123, BIOL 3401 or BIOL 3412; Microbiology: BIOL 3401, BIOL 3403; Toxicology: BIOL 3412, BIOL 4316. Take an elective here that fulfills a BIOL 4316 Environmental Toxicology prerequisite if following Toxicology Focus. Satisfies Track Requirement.
	3	Choose 1	Food & Health Elective				See Degree Plan for course options. Take an elective here that fulfills a BIOL 4316 Environmental Toxicology prerequisite if following Toxicology Focus.
	3	EEMS 4382 or CESL 3302	Community-Engaged Service Learning II or Community Engaged Scholarship II				Capstone
<b>16 Semester Total Hours</b>							
FALL	3	ECON 3355	Development Economics			ECON 2301.	Satisfies Major requirement
	3	EEMS 4360	Food Science				Satisfies Track requirement
	4	Choose 1	Food & Health Focus				Biochemistry: CHEM 2323 & 2123, BIOL 3401 or BIOL 3412; Microbiology: BIOL 3401, BIOL 3403; Toxicology: BIOL 3412, BIOL 4316
	4	Choose 1	Food & Health Elective				See Degree Plan for course options. If following the Toxicology Focus, take your second Food & Health Focus course here or in the following Spring.
	1	EEMS 4191	Interdisciplinary Seminar Series Fall				Capstone
	<b>15 Semester Total Hours</b>						
SPRING	3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.
	3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.
	3	ANTH 4310	Food and Culture				Satisfies Major requirement
	4	Choose 1	Food & Health Elective				See Degree Plan for course options. If following the Toxicology Focus, take your second Food & Health Focus course here or in the preceding Fall.
	1	EEMS 4192	Interdisciplinary Seminar Series Spring				Capstone
	1	EEMS 4193	Interdisciplinary Synthesis & Communication				Capstone
<b>15 Semester Total Hours</b>							

120 TOTAL HOURS

(52) TOTAL ADVANCED HOURS

Approved: Thursday, April 4, 2019

Revised: Monday, May 6, 2019