

Bachelor of Science (BS)
Sustainable Agriculture and Food Systems

The 2026-2027 list of core courses can be found in the 2026-2027 Undergraduate Catalog: www.utrgv.edu/catalog > See 'Bachelors Degree Program Regulations'

Symbols Key										
Campus: B - Offered in Brownsville; E - Offered in Edinburg; O - Offered Online; T - Travel Required										
Bolted Course Number*: Program Admission Requirement										
Min Grade: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.										
Core: 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;										
Core: 090 - Applied Communication and Literacies; Humanities; Leadership; Science Labs; Interdisciplinary; Technologies; Language Diversity & Writing										
Year	Semester	Credit Hours	Campus	Course Number	Course Title	Minimum Grade	Core	Prerequisite	Additional Notes	
1	Fall	3	B/E/O	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	
1	Fall	3	B/E/O	MATH 1314 or MATH 1414	College Algebra	C	020	College Ready TSI status in Mathematics.	See General Education Core for more details. Satisfies Agriculture and Ecology Track requirement	
1	Fall	4	B/E	BIOL 1406	General Biology I		090		Satisfies 1 hour of General Education Core - Integrative & Experiential Learning; satisfies Major requirement.	
1	Fall	3	B/E/O	POLS 2305	U.S. Federal Government & Politics		070		See General Education Core for course options.	
1	Fall		B/E/O	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.	
1	Fall	13	Semester Total Hours							
1	Spring	3	B/E/O	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	
1	Spring	4	B/E	BIOL 1407	General Biology II			BIOL 1406 or BIOL 1487.	Satisfies Major requirement.	
1	Spring	3	B/E/O	ECON 2301	Principles of Macroeconomics		080		Satisfies General Education Core - Social & Behavioral Sciences requirement; satisfies Major requirement.	
1	Spring	3	B/E/O	Choose 1	Integrative and Experiential Learning		090		See General Education Core for course options.	
1	Spring	3	B/E/O	POLS 2306	Texas Government & Politics		070		See General Education Core for course options.	
1	Spring	16	Semester Total Hours							
Year	Semester	Credit Hours	Campus	Course Number	Course Title	Minimum Grade	Core	Prerequisite	Additional Notes	
2	Fall	3	B/E/O	Choose 1	American History		060		See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327	
2	Fall	3	B/E/O	Choose 1	Creative Arts		050		See General Education Core for course options.	
2	Fall	4	B/E/O	ENVR 1401	Introduction to Environmental Science I		030/ 090		Satisfies General Education Core - Life & Physical Sciences and Integrative & Experiential Learning; satisfies Major requirement.	
2	Fall	4	B/E	ENVR 3409	Environmental Ecology and Sustainability			Grade of "C" or better in the following: BIOL 1406 and BIOL 1407.	Satisfies Major requirement.	
2	Fall	3	B/E/O	Choose 1	Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
2	Fall	17	Semester Total Hours							
2	Spring	3	B/E/O	Choose 1	American History		060		See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328	
2	Spring	4	B/E	ENVR 1402	Introduction to Environmental Science II		030/ 090		Satisfies General Education Core - Life & Physical Sciences and Integrative & Experiential Learning; satisfies Major requirement.	
2	Spring	3	B/E/O	Choose 1	Sustainability Core Elective				Choose a course from the Sustainability Core elective group.	
2	Spring	3	E	ENVR 3305	Sustainable Agriculture				Satisfies Major requirement.	
2	Spring	13	Semester Total Hours							

Student must apply to Teacher Education Program.

Year	Semester	Credit Hours	Campus	Course Number	Course Title	Minimum Grade	Core	Prerequisite	Additional Notes	
3	Fall	3	B/E/O	Choose 1	Sustainability Core Elective				Choose a course from the Sustainability Core elective group.	
3	Fall	3	B/E/O	Choose 1	Sustainability Core Elective				Choose a course from the Sustainability Core elective group.	
3	Fall	3	B/E/O	Choose 1	Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
3	Fall	3	B/E/O	Choose 1	Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
3	Fall	3	E	EEMS 4381 or CESL 3301	Community-Engaged Service Learning I or Community Engaged Scholarship and Learning Internship I			EEMS 4381: Junior Standing and enrolled in Sustainable Agriculture and Food Systems BS program.	Capstone.	
3	Fall	15	Semester Total Hours							
3	Spring	3	B/E/O	Choose 1	Sustainability Core Elective				Choose a course from the Sustainability Core elective group.	
3	Spring	4	B/E/O	Choose 1	Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
3	Spring	4	B/E/O	Choose 1	Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
3	Spring	3	E	EEMS 4382	Community-Engaged Service Learning II			EEMS 4382: Junior Standing and enrolled in Sustainable Agriculture and Food Systems BS program.	Capstone.	
3	Spring	14	Semester Total Hours							
Year	Semester	Credit Hours	Campus	Course Number	Course Title	Minimum Grade	Core	Prerequisite	Additional Notes	
4	Fall	3	B/E/O	Choose 1	Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
4	Fall	3	B/E/O	Choose 1	Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
4	Fall	3	B/E/O	Choose 1	Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
4	Fall	4	B/E/O	34XX-44XX	Advanced Free Electives				If Prescribed Electives are taken at the 3000 and 4000 level to achieve the institutional minimum of 42 advanced hours, the student may use a Free Elective instead of a Advanced Free Elective.	
4	Fall	3	B/E/O	Choose 1	Language, Philosophy & Culture			040	See General Education Core for course options.	
4	Fall	16	Semester Total Hours							
4	Spring	3	B/E/O	Choose 1	Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
4	Spring	3	B/E/O	Choose 1	Advanced Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
4	Spring	3	B/E/O	Choose 1	Advanced Prescribed Elective				Choose a minimum of 3 hours from one of the 15 Prescribed Elective groups listed on the SAFS degree plan.	
4	Spring	3	B/E/O	33XX-43XX	Advanced Free Electives				If Prescribed Electives are taken at the 3000 and 4000 level to achieve the institutional minimum of 42 advanced hours, the student may use a Free Elective instead of a Advanced Free Elective.	
4	Spring	3	B/E/O	33XX-43XX	Advanced Free Electives				If Prescribed Electives are taken at the 3000 and 4000 level to achieve the institutional minimum of 42 advanced hours, the student may use a Free Elective instead of a Advanced Free Elective.	
4	Spring	1	E	EEMS 4193	Interdisciplinary Synthesis & Communication			Senior Standing and enrolled in Sustainable Agriculture and Food Systems BS program.	Capstone.	
4	Spring	16	Semester Total Hours							

120 **TOTAL HOURS**
(42) **Advanced minimum credit hours**