

**Course Offering Instructions:**  
 Fill in information for the column that indicates the number of hours  
 Fill in information for the column that indicates the campus  
 Fill in information for the column that indicates the term the course is offered  
 Add Notes and Plans, if needed  
 Include information about the percentage of degree that can be completed in BRW or ED  
 For Graduate Programs, you may adjust headers accordingly.

						NOTES and PLANS - courses offered at both campuses are color-code it GREEN. Courses not offered at both campuses are color-code it YELLOW. Elective courses from other departments are color-coded PINK. Courses required for the General Education Core are coded in BLUE.
Location of Course (Edinburg = ED; BRW = Brownsville; ONL = Online) Term (FA, SP, SUM)	Hours	BRW	ED	ONL		

**DEGREE REQUIREMENTS**

**General Education Courses**

Communication	6	FA, SP, SUM	FA, SP, SUM		
Language Philosophy and Culture	3	FA, SP, SUM	FA, SP, SUM		
Creative Arts	3	FA, SP, SUM	FA, SP, SUM		
American History	6	FA, SP, SUM	FA, SP, SUM		
Government/Political Science	6	FA, SP, SUM	FA, SP, SUM		
Social and Behavioral Science	3	FA, SP, SUM	FA, SP, SUM		
MATH 1314/1414 College Algebra	3	FA, SP, SUM	FA, SP, SUM		Choose either
MATH 2412 Pre-Calculus	4	FA, SP, SUM	FA, SP, SUM		

**Major Requirements**

ENVR 1401 Introduction to Environmental Science I	4	FA, SP, SUM	FA, SP, SUM		
ENVR 1402 Introduction to Environmental Science II	4	FA, SP, SUM	FA, SP, SUM		
ENVR 2301 Earth System Science	3	FA	FA		
ENVR 2302 Environment and Society	3		FA	SP	
ENVR 3303 Research Methodology and Data Analysis in Environmental Sciences	3	SP	FA		
GEOL 4411 Introduction to Geographic Information Systems	4	FA	SP		
MATH 1342 Elementary Statistical Methods	3	FA, SP, SUM	FA, SP, SUM	SUM	
BIOL 1406 General Biology I	4	FA, SP, SUM	FA, SP, SUM	FA, SP	
CHEM 1311 General Chemistry I	3	FA, SP, SUM	FA, SP, SUM		
CHEM 1111 General Chemistry I Lab	1	FA, SP, SUM	FA, SP, SUM		
GEOL 1403 Physical Geology	4	FA, SP, SUM	FA, SP	FA, SP, SUM	
MATH 2413 Calculus I	4	FA, SP, SUM	FA, SP, SUM		
PHYS 1401 General Physics I	4	FA, SP, SUM	FA, SP, SUM		

**Program Concentrations**

**Interdisciplinary Environmental Science Concentration**

ENVR 3301 Natural Resources Conservation	3			SP	ITV
ENVR 3302 Environmental Ethics	3			FA	odd years
ENVR 3311 Introduction to Air Quality Science	3	FA			
ENVR 4357 Urban Sustainability	3		SP		
ANTH 4314 Environmental Anthropology	3				elective offered by Anthropology Department
CRIJ 4316 Environmental Crime and Justice	3				elective offered by Criminal Justice Department
HIST 3302 World Environmental History	3				elective offered by History Department
HIST 3335 American Environmental History	3				elective offered by History Department
MGMT 4362 Business and Sustainability	3				elective offered by Management Department
PHIL 3352 Religion, Spirituality, Ecology	3				elective offered by Philosophy Department

**Environment and Society Concentration**

ENVR 4301 Environmental Regulations	3			SP	
ENVR 3302 Environmental Ethics	3			FA	odd years
ENVR 4357 Urban Sustainability	3		SP		
CRIJ 4316 Environmental Crime and Justice	3				elective offered by Criminal Justice Department
HIST 3302 World Environmental History	3				elective offered by History Department
HIST 3335 American Environmental History	3				elective offered by History Department
PHIL 3352 Religion, Spirituality, Ecology	3				elective offered by Philosophy Department
ENVR 3304 Sustainable Development	3				Environmental Science elective--offered as needed
ENVR 4302 Environmental Impact Analysis	3		SP		even years
GEOL 4302 Environmental Geology	3		SP		
GEOL 4412 Advanced Geographic Information Systems	4		FA		odd years
GEOL 4408 Applications of Geographic Information Systems	4				Geology elective--offered as needed
MGMT 4362 Business and Sustainability	3				elective offered by Management Department

**Earth and Ocean Sciences Concentration**

GEOL 3402 Hydrologic Systems	3	SP	FA		
GEOL 3405 Oceanography	3	FA	SP		
ENVR 3311 Introduction to Air Quality Science	3	FA			
EEMS 3360 Soil Science and Conservation	4		FA		even years
GEOL 3401 Geomorphology	4		SP		even years
GEOL 3411 Mineralogy	4				Geology elective--offered as needed
GEOL 3421 Structural Geology	4				Geology elective--offered as needed
GEOL 4170 Topics in Geology Lab	1				Geology elective--offered as needed
GEOL 4302 Environmental Geology	3			SP	
GEOL 4309 Undergraduate Research Geosciences	3	FA, SP, SUM	FA, SP, SUM		
GEOL 4370 Topics in Geology	3				Geology elective--offered as needed
GEOL 4412 Advanced Geographic Information Systems	4		FA		odd years
GEOL 4403 Sedimentology and Stratigraphy	4		FA		even years
GEOL 4404 Coastal Geology	4				Geology elective--offered as needed
GEOL 4408 Applications of Geographic Information Systems	4				Geology elective--offered as needed

**Environmental Chemistry Concentration**

CHEM 1312/1112 General Chemistry II/Lab	4				elective offered by Chemistry Department
CHEM 2323/2123 Organic Chemistry I/Lab	4				elective offered by Chemistry Department
CHEM 3401 Environmental Chemistry	4				elective offered by Chemistry Department
CHEM 3301/3101 Inorganic Chemistry/Lab	4				elective offered by Chemistry Department
CHEM 3303/3103 Biochemistry I/Lab	4				elective offered by Chemistry Department
CHEM 3307 Biochemistry II	3				elective offered by Chemistry Department
CHEM 4201 Chemistry Problems I	2				elective offered by Chemistry Department
EEMS 3360 Soil Science and Conservation	3		FA		even years
ENVR 3311 Introduction to Air Quality Science	3	FA			
ENVR 3301 Natural Resource Conservation	3			SP	ITV
ENVR 4320 Fundamentals of Soil Science	3		FA		odd years
ENVR 4322 Soil Chemistry	3		FA		even years
GEOL 3411 Mineralogy	4				Geology elective--offered as needed
<b>Environmental Biology Concentration</b>					
BIOL 3409 Ecology	4				elective offered by Biology Department
BIOL 3420 Environmental Biology	4				elective offered by Biology Department
BIOL 3404 Conservation Biology	4				elective offered by Biology Department
BIOL 4403 Introduction to Remote Sensing Technology	4				elective offered by Biology Department
BIOL 4388 Global Change Ecology	3				elective offered by Biology Department
BIOL 4414 Plant Taxonomy	4				elective offered by Biology Department
BIOL 4423 Wildlife Ecology and Management	4				elective offered by Biology Department
BIOL/MARS 4426 Marine Ecology	4				elective offered by Biology Department
BIOL/MARS 4430 Coastal Ecology	4				elective offered by Biology Department
ENVR 4321 Soil Ecology	3		SP		even years

<b>Percent of Degree can be completed in ED (incl. ONL and ITV)</b>	100%
<b>Percent of Degree can be completed in BRW (incl. ONL and ITV)</b>	66%