



COLLEGE OF NATURAL AND HEALTH SCIENCES

Master of Science in Environment and Sustainability Sciences Study Plan

	Semester 1 (Fall)		Credit	Semester 2 (Spring)		Credit		Summer Semester	Credit
Year 1	ENV600	Environmental Sciences and Ecosystem Analysis	3	ENV610	Sustainability Planning and Management	3	ENVXXX	4-Credit Elective Course*	4
	ENV601	Science Communication and Writing	3	ENV615	Environmental Impact Assessment Course Pre-Requisite: ENV600	3			
	ENV690	Experimental Design and Data Analysis in Natural Sciences	3	ENVXXX	3-Credit Elective Course*	3			
	Total		9	Total		9	Total		4

	Semester 3 (Fall)			Semester 4 (Spring)					
Year 2	ENV693	Contemporary Issues in Sustainability and Environmental Technology Seminar Course Pre-Requisite: ENV610	1	ENV655	Liquid and Solid Waste Management Course Pre-Requisite: ENV600	4			
	ENVXXX	3-Credit Elective Course*	3	ENV699	Thesis in Environmental Science and Sustainability	3			
	ENV699	Thesis in Environmental Science and Sustainability	3	Total					
	Total						7	7	
Total = 36 Credit Hours									

*Prescribed Elective Courses (10 Credit Hours Required)			
Course ID	Course Name	Credit	Course Pre-Requisite
ENV611	Renewable Resources and Mixed Energy in Sustainable Development	3	ENV610 Sustainability Planning and Management
ENV620	Occupational Health and Safety	3	None
ENV625	Environmental Protections	3	ENV615 Environmental Impact Assessment
ENV630	Advanced Environmental Policy	3	None
ENV650	Ecotoxicology	4	1 or more of the following three courses (or equivalent): Environmental Chemistry or Organic Chemistry or Ecology
ENV656	Instrumentation and Analytical Methods in Environmental Sciences	4	1 or more of the following two courses (or equivalent):

			Undergraduate General Chemistry or Organic Chemistry
ENV657	GIS Applications in Environmental Science	3	ENV600
ENV660	Restoration Ecology	4	ENV600
ENV665	Environmental Microbiology	4	Basic Microbiological Concepts
ENV670	Coastal and Terrestrial Environments	4	ENV600
ENV695	Environmental Field Expeditions	4	None