

Name: _____
 ID#: _____

Date: _____

Institute of Environmental Sustainability

B.S. Environmental Science	UIES	EVSC-BS
68-71 credits	Catalog 2017-18	Effective Fall 2017 updated 2/27/18

Hours req.	Requirement Description	Course	Grade	Semester/Year
A. ENVS Core (46-47 credit hours)				
3	ENVS 137: Foundations of Environmental Science I	ENVS 137		
3	BIOL 101: General Biology I	BIOL 101		
1	BIOL 111: General Biology I Lab	BIOL 111		
3	CHEM 101: General Chemistry	CHEM 101		
1	CHEM 111: General Chemistry Lab	CHEM 111		
3	BIOL 102: General Biology II	BIOL 102		
1	BIOL 112: General Biology II Lab	BIOL 112		
3	CHEM 102: General Chemistry II	CHEM 102		
1	CHEM 112: General Chemistry II Lab	CHEM 112		
1	ENVS 200: Environmental Careers and Professional Skills	ENVS 200		
3	ENVS 203 Environmental Statistics	ENVS 203		
3	Choose one: ENVS 274: Chemistry of the Environment -or- CHEM 312: Environmental Chemistry			
1	Choose one: ENVS 275: Chemistry of the Environment Lab -or- CHEM 313: Environmental Chemistry Lab			
3	ENVS 280: Principles of Ecology	ENVS 280		
1	ENVS 286s: Principles of Ecology Lab	ENVS 286s		
3	Choose one: ENVS 284 Env. Justice -or- PHIL 287 Env. Ethics -or- THEO 204 Rel. Ethics/Eco Crisis			
3	Choose one: ENVS 335: Ecological Economics -or- ECON 328: Environmental Economics			
3	PLSC 392: Environmental Politics	PLSC 392		
3-4	Engaged Learning, Choose one: ENVS 350, any topic -or- ENVS 227r -or- ENVS 281c -or- ENVS 281v -or- ENVS 340 -or- ENVS 345 -or- ENVS 283 -or- ENVS 391 -or- ENVS 395 -or- any Approved ENVS Engaged Learning course			
3	Capstone, Choose one: ENVS 390: Integrative Environmental Seminar -or- ENVS 391c -or- ENVS 395c			

B.	Society, Ethics, and Justice (3 credit hours)	Course	Grade	Semester/Year
3	One elective from menu B			

C.	Policy, Economics and Resource Management (3 credit hours)	Course	Grade	Semester/Year
3	One elective from menu C			

D.	Environmental Science Courses (16-18 credit hours)	Course	Grade	Semester/Year
3	One elective from menu D			
3	One elective from menu D			
3-4	300-Level from menu D			
3-4	300-Level from menu D			
3-4	300-Level from menu D			

Transfer-Student Residency Requirement: At least 34 credit hours of ESCI-BS courses must be completed at Loyola.

B: Society, Ethics, and Justice-CHOOSE ONE	
ENVS 284: Environmental Justice	HIST 389g: History of the US Environment
ENVS 350a STEP: Water	PHIL 287: Environmental Ethics
ENVS 350f STEP: Food Systems	PSYC 277: Environmental Psychology
ENVS 383 Human Dimensions in Conservation	SOCL 252 Global Inequities
COMM 101 Public Speaking & Critical Thinking	SOCL 272: Environmental Sociology
COMM 277 Organizational Communication	SOCL 276: Sociology/ Politics of Food
COMM 306 Environmental Advocacy	THEO 204: Rel. Ethics/Ecological Crisis
ENGL 288 Nature in Literature	THEO 344: Theology and Ecology
HIST 300: Topics*	

**upon approval of IES advisor*

C: Policy, Economics & Resource Management-CHOOSE ONE

ENVS 290: Environmental Law
ENVS 332 Industrial Ecology
ENVS 335: Ecological Economics
ENVS 336: Biomimicry: Design Inspired by Nature
ENVS 338 Environmental Health Policy
ENVS 363: Sustainable Business Management
ENVS 364: Sustainability Management in the Global Context
ENVS 383 Human Dimensions in Conservation
ENVS 391 Independent Environmental Research*
ENVS 395 Environmental Internship*
ENVS 398 Special Topics*
ENVS 399 Directed Readings*
MGMT 201 Intro to Business Management
PLSC 354 Global Environmental Politics

**upon approval of IES advisor*

D: Environmental Science Electives-CHOOSE FIVE (at least three 300 level courses)

ENVS 207 Plants & Civilization
ENVS 218 Biodiversity & Biogeography
ENVS 223 Introduction to Soils
ENVS 224 Climate & Climate Change
ENVS 226 Science & Conservation of Freshwater Ecosystems
ENVS 227r Ecology of the Mediterranean
ENVS 267 Bird Conservation & Ecology
ENVS 273 Energy & the Environment
ENVS 281c Environ. Sustainability and Science in China
ENVS 281v Humans and the Environ. of Contemporary Vietnam
ENVS 283 Environmental Sustainability
ENVS 301 Environmental Health
ENVS 302 Public Health Principles and Practice
ENVS 303 Introduction to Epidemiology
ENVS 319 Winter Ecology
ENVS 320 Conservation Biology
ENVS 321 Conservation Biology Lab
ENVS 325 Sustainable Agriculture
ENVS 326 Agroecosystems
ENVS 327 Food Systems Analysis
ENVS 330 Restoration Ecology
ENVS 331 Restoration Ecology Lab (1 credit hour)
ENVS 340 Natural History of Belize
ENVS 345 Conserv. & Sustainability in Neotropical Ecosystems
ENVS 350a STEP: Water
ENVS 350f STEP: Food Systems
ENVS 380 Introduction to Geographic Information Systems
ENVS 385 Introduction to Global Health
ENVS 387 Principles of Ecotoxicology
ENVS 391 Independent Environmental Research*
ENVS 395 Environmental Internship*
ENVS 398 Special Topics*
ENVS 399 Directed Readings*
ANTH 104 The Human Ecological Footprint
ANTH 303 People & Conservation
300 level courses in BIOL, CHEM, PHYS*

**upon approval of IES advisor*