# **ENVIRONMENTAL STUDIES/ DIGITAL MEDIA AND** STORYTELLING (BA/MC)

The new Accelerated Bachelor's/Master's (ABM) program allows SES students to earn their undergraduate degree in their declared major, while also earning a master's degree from the SOC in either the Digital Media and Storytelling or Global Strategic Communication graduate programs.

The program trains environmental scientists to be better communicators. While environmental scientists are trained to investigate, analyze data, and interpret results, they are not taught how to communicate their results and conclusions in ways that are readily accessible to the general public, CEOs, or legislators. For students in the School of Environmental Sustainability, the ABM program will help them with writing, public speaking, conference presentations, television and radio interviews, and social media messaging.

## **Related Programs**

### Combined

- · Environmental Policy/Digital Media and Storytelling (BA/MC) (https:// catalog.luc.edu/undergraduate/accelerated-bachelors-mastersprogram/environmental-policy-digital-media-storytelling-ba-ms/)
- Environmental Science/Digital Media and Storytelling (BS/MC) (https://catalog.luc.edu/undergraduate/accelerated-bachelorsmasters-program/environmental-science-digital-media-storytellingbs-mc/)

## Curriculum

Environmental Studies BA students complete coursework spanning a variety of disciplines pertinent to the understanding of environmental issues.

Code	Title	Hours
<b>BA Requirements</b>		
Core Curriculum		
ENVS 137	Foundations of Environmental Science I	3
ENVS 237	Foundations of Environmental Chemistry	3
ENVS 238	Foundations of Environmental Science Lab	1
ENVS 200	Environmental Careers and Professional Skills	1
ENVS 203	Environmental Statistics	3
ENVS 280	Principles of Ecology	3
ENVS 286	Principles of Ecology Lab	1
PLSC 392	Environmental Politics	3
Justice and Ethics	Choice	
Select one of the	following:	3
ENVS 284	Environmental Justice	
PHIL 287	Environmental Ethics	
THEO 204	Religious Ethics and the Ecological Crisis	
Economics Choice		
Select one of the following:		3
ENVS 335	Ecological Economics	
ECON 328	Environmental Economics	
Engaged Learning	Choice	

Select one of the following: 3			
ENVS 226	Science & Conservation of Freshwater Ecosystem	าร	
ENVS 267	Bird Conservation and Ecology		
ENVS 273	Energy and the Environment		
ENVS 283	Environmental Sustainability		
ENVS 340	Natural History of Belize		
ENVS 345	Conservation and Sustainability of Neotropical Ecosystems		
ENVS 350A	Solutions to Environmental Problems: Water		
ENVS 350B	Solutions to Environmental Problems: Biogas		
ENVS 350C	Solutions to Environmental Problems: Climate Action		
ENVS 350F	Solutions to Environmental Problems: Food Systems		
ENVS 391	Environmental Research		
ENVS 395	Environmental Internship		
Capstone Choice			
Select one of the	following:	3	
ENVS 390	Integrative Seminar		
ENVS 391C	Independent Environmental Research (Capstone)		
ENVS 395C	Environmental Internship (Capstone)		
Electives (p. 1)		21	
See designated e	lective categories below		
MC Requirements	5		
COMM 400	Designing for Digital Environments	3	
COMM 405	Story Development and Production	3	
COMM 410	Media Law for Inclusive Digital Storytelling	3	
COMM 415	Data-Powered Digital Storytelling	3	
COMM 420	Digital Production: Storytelling with Impact	3	
COMM 425	Digital Marketing and Analytics	3	
COMM 430	2D Design for Print and the Web	3	
COMM 450	Capstone II	3	
Elective Courses	from List of Electives for DMST (p. 3)	12	
Total Hours		87	
<b>BA Electives</b>			
Code	Title	Hours	

Code	Title	Hours	
Society, Ethics, and Justice			
Select two of the	following:	6	
COMM 260	Environmental Journalism		
ENVS 204	Gender, Health & Environment		
ENVS 279	Climate and History		
ENVS 284	Environmental Justice		
ENVS 297	North American Environmental History		
ENVS 298	Special Topics (with SES approval)		
ENVS 310	Introduction to Environmental Law & Policy		
ENVS 311	Natural Resources and Land Use Law & Policy		
ENVS 312	Water Law & Policy		
ENVS 313	Energy Law & Policy		
ENVS 338	Climate Change and Human Health		
ENVS 350A	Solutions to Environmental Problems: Water		
ENVS 350B	Solutions to Environmental Problems: Biogas		

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ENVS 350C	Solutions to Environmental Problems: Climate	COMM 260	Environmental Journalism
	Action	ENVS 298	Special Topics (with SES approval)
ENVS 350F	Solutions to Environmental Problems: Food Systems	ENVS 327	Food Systems Analysis
ENVS 383	Human Dimensions of Conservation	ENVS 352	Sustainability Assessment & Reporting I
ENVS 383	Environmental Research	ENVS 353	Sustainability Assessment & Reporting II
		ENVS 354	Sustainability Plan Development & Reporting
ENVS 395	Environmental Internship	ENVS 380	Introduction to Geographic Information Systems
ENVS 398	Special Topics (with SES approval)	ENVS 381	Advanced GIS Applications
ENVS 399	Directed Readings	ENVS 382	Remote Sensing
COMM 101	Public Speaking & Critical Thinking	ENVS 384	Conservation Economics
COMM 277	Organizational Communication	ENVS 388	
COMM 306	Environmental Advocacy	ENVS 389	Ecological Risk Assessment
COMM 322	Guerilla Media	ENVS 391	Environmental Research
ENGL 288	Nature in Literature	ENVS 395	Environmental Internship
PHIL 287	Environmental Ethics	ENVS 398	Special Topics (with SES approval)
PSYC 277	Environmental Psychology	ENVS 399	Directed Readings
SOCL 226	Science, Technology, & Society	ANTH 317	Ethnographic Methods
SOCL 252	Global Inequalities	BIOL 335	Intro to Biostatistics
SOCL 272	Environmental Sociology	COMM 231	Conflict Management and Communication
SOCL 276	The Sociology and Politics of Food	COMM 234	Interviewing for Communication
SOCL 278	Global Health	COMM 277	Organizational Communication
THEO 204	Religious Ethics and the Ecological Crisis	COMM 363	Research Methods in Advertising/Public Relations
THEO 344	Theology and Ecology	MARK 320	-
Policy, Economi	ics, and Resource Management		Marketing for Environmental Sustainability
Select one of the	-	SOCL 206	Principles of Social Research
ENVS 298	Special Topics (with SES approval)	300L 301	Statistics for Social Research
ENVS 300	Introduction to Public Health	SOCL 302	Qualitative Research
ENVS 310	Introduction to Environmental Law & Policy	STAT 203	Introduction to Probability & Statistics
ENVS 311	Natural Resources and Land Use Law & Policy	STAT 303	SAS Programming & Applied Statistics
ENVS 312	Water Law & Policy	Environmental E	
ENVS 313	Energy Law & Policy		least one of which must be from List A and at least
ENVS 313	Energy Law & Foney	one of which mu	ist be at the 300 level):
		1:	
	Introduction to the Circular Economy	List A	
ENVS 333	Introduction to the Circular Economy	ENVS 204	Gender, Health & Environment
ENVS 333 ENVS 335	Ecological Economics	ENVS 204 ENVS 207	Plants and Civilization
ENVS 333 ENVS 335 ENVS 336	Ecological Economics Design for Circular & Sustainable Business	ENVS 204 ENVS 207 ENVS 218	Plants and Civilization Biodiversity & Biogeography
ENVS 333 ENVS 335 ENVS 336 ENVS 338	Ecological Economics Design for Circular & Sustainable Business Climate Change and Human Health	ENVS 204 ENVS 207 ENVS 218 ENVS 223	Plants and Civilization Biodiversity & Biogeography Soil Ecology
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351	Ecological Economics Design for Circular & Sustainable Business Climate Change and Human Health Introduction to Sustainability Concepts & Impacts	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224	Plants and CivilizationBiodiversity & BiogeographySoil EcologyClimate & Climate Change
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363	Ecological Economics Design for Circular & Sustainable Business Climate Change and Human Health	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364	Ecological Economics Design for Circular & Sustainable Business Climate Change and Human Health Introduction to Sustainability Concepts & Impacts Sustainable Business Management	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 227R	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 383	Ecological Economics Design for Circular & Sustainable Business Climate Change and Human Health Introduction to Sustainability Concepts & Impacts Sustainable Business Management Human Dimensions of Conservation	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 383 ENVS 384	Ecological Economics Design for Circular & Sustainable Business Climate Change and Human Health Introduction to Sustainability Concepts & Impacts Sustainable Business Management Human Dimensions of Conservation Conservation Economics	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 227R	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 383 ENVS 384 ENVS 384	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> </ul>	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 227R ENVS 267	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 383 ENVS 384	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> <li>Environmental Research</li> </ul>	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 227R ENVS 267 ENVS 273	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 383 ENVS 384 ENVS 389 ENVS 391 ENVS 395	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> <li>Environmental Research</li> <li>Environmental Internship</li> </ul>	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 227R ENVS 267 ENVS 273 ENVS 274	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> <li>Chemistry of the Natural Environment</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 384 ENVS 384 ENVS 389 ENVS 391	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> <li>Environmental Research</li> <li>Environmental Internship</li> <li>Special Topics (with SES approval)</li> </ul>	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 227R ENVS 267 ENVS 273 ENVS 274 ENVS 278	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> <li>Chemistry of the Natural Environment</li> <li>Hydrology</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 383 ENVS 384 ENVS 389 ENVS 391 ENVS 395	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> <li>Environmental Research</li> <li>Environmental Internship</li> <li>Special Topics (with SES approval)</li> <li>Directed Readings</li> </ul>	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 227R ENVS 267 ENVS 273 ENVS 274 ENVS 278 ENVS 278	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> <li>Chemistry of the Natural Environment</li> <li>Hydrology</li> <li>Environmental Sustainability</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 364 ENVS 383 ENVS 384 ENVS 384 ENVS 389 ENVS 391 ENVS 395 ENVS 398	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> <li>Environmental Research</li> <li>Environmental Internship</li> <li>Special Topics (with SES approval)</li> </ul>	ENVS 204 ENVS 207 ENVS 218 ENVS 213 ENVS 223 ENVS 224 ENVS 226 ENVS 227R ENVS 277 ENVS 273 ENVS 273 ENVS 274 ENVS 278 ENVS 283 ENVS 298	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> <li>Chemistry of the Natural Environment</li> <li>Hydrology</li> <li>Environmental Sustainability</li> <li>Special Topics (with SES approval)</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 383 ENVS 384 ENVS 389 ENVS 391 ENVS 395 ENVS 398	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> <li>Environmental Research</li> <li>Environmental Internship</li> <li>Special Topics (with SES approval)</li> <li>Directed Readings</li> </ul>	ENVS 204 ENVS 207 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 227R ENVS 267 ENVS 273 ENVS 273 ENVS 274 ENVS 278 ENVS 278 ENVS 283 ENVS 298 ENVS 300	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> <li>Chemistry of the Natural Environment</li> <li>Hydrology</li> <li>Environmental Sustainability</li> <li>Special Topics (with SES approval)</li> <li>Introduction to Public Health</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 384 ENVS 384 ENVS 389 ENVS 391 ENVS 395 ENVS 398 ENVS 399 ENVS 399	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> <li>Environmental Research</li> <li>Environmental Internship</li> <li>Special Topics (with SES approval)</li> <li>Directed Readings</li> <li>Environmental Economics</li> </ul>	ENVS 204 ENVS 207 ENVS 218 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 2278 ENVS 267 ENVS 273 ENVS 273 ENVS 274 ENVS 278 ENVS 283 ENVS 298 ENVS 300 ENVS 301	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> <li>Chemistry of the Natural Environment</li> <li>Hydrology</li> <li>Environmental Sustainability</li> <li>Special Topics (with SES approval)</li> <li>Introduction to Public Health</li> <li>Environmental Health</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 384 ENVS 384 ENVS 389 ENVS 391 ENVS 395 ENVS 398 ENVS 398 ENVS 398 ENVS 399 ECON 328 GLST 305	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> <li>Environmental Research</li> <li>Environmental Internship</li> <li>Special Topics (with SES approval)</li> <li>Directed Readings</li> <li>Environmental Economics</li> <li>Globalization and Environmental Sustainability</li> </ul>	ENVS 204 ENVS 207 ENVS 218 ENVS 218 ENVS 223 ENVS 224 ENVS 226 ENVS 227R ENVS 277 ENVS 273 ENVS 273 ENVS 274 ENVS 278 ENVS 283 ENVS 298 ENVS 298 ENVS 300 ENVS 301 ENVS 303	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> <li>Chemistry of the Natural Environment</li> <li>Hydrology</li> <li>Environmental Sustainability</li> <li>Special Topics (with SES approval)</li> <li>Introduction to Public Health</li> <li>Environmental Health</li> </ul>
ENVS 333 ENVS 335 ENVS 336 ENVS 338 ENVS 351 ENVS 363 ENVS 364 ENVS 383 ENVS 384 ENVS 389 ENVS 391 ENVS 395 ENVS 398 ENVS 398 ENVS 399 ECON 328 GLST 305	<ul> <li>Ecological Economics</li> <li>Design for Circular &amp; Sustainable Business</li> <li>Climate Change and Human Health</li> <li>Introduction to Sustainability Concepts &amp; Impacts</li> <li>Sustainable Business Management</li> <li>Human Dimensions of Conservation</li> <li>Conservation Economics</li> <li>Ecological Risk Assessment</li> <li>Environmental Research</li> <li>Environmental Internship</li> <li>Special Topics (with SES approval)</li> <li>Directed Readings</li> <li>Environmental Economics</li> <li>Globalization and Environmental Sustainability</li> <li>Managing People and Organizations</li> <li>Global Environmental Politics</li> </ul>	<ul> <li>ENVS 204</li> <li>ENVS 207</li> <li>ENVS 218</li> <li>ENVS 223</li> <li>ENVS 224</li> <li>ENVS 226</li> <li>ENVS 227R</li> <li>ENVS 267</li> <li>ENVS 273</li> <li>ENVS 273</li> <li>ENVS 274</li> <li>ENVS 278</li> <li>ENVS 283</li> <li>ENVS 298</li> <li>ENVS 300</li> <li>ENVS 301</li> <li>ENVS 319</li> </ul>	<ul> <li>Plants and Civilization</li> <li>Biodiversity &amp; Biogeography</li> <li>Soil Ecology</li> <li>Climate &amp; Climate Change</li> <li>Science &amp; Conservation of Freshwater Ecosystems</li> <li>Ecology of the Mediterranean Sea</li> <li>Bird Conservation and Ecology</li> <li>Energy and the Environment</li> <li>Chemistry of the Natural Environment</li> <li>Hydrology</li> <li>Environmental Sustainability</li> <li>Special Topics (with SES approval)</li> <li>Introduction to Public Health</li> <li>Environmental Health</li> <li>Introduction to Epidemiology</li> </ul>

ENVS 326	Agroecosystems
ENVS 327	Food Systems Analysis
ENVS 330	Restoration Ecology
ENVS 338	Climate Change and Human Health
ENVS 340	Natural History of Belize
ENVS 345	Conservation and Sustainability of Neotropical Ecosystems
ENVS 350A	Solutions to Environmental Problems: Water
ENVS 350B	Solutions to Environmental Problems: Biogas
ENVS 350C	Solutions to Environmental Problems: Climate Action
ENVS 350F	Solutions to Environmental Problems: Food Systems
ENVS 352	Sustainability Assessment & Reporting I
ENVS 353	Sustainability Assessment & Reporting II
ENVS 369	Field Ornithology
ENVS 380	Introduction to Geographic Information Systems
ENVS 381	Advanced GIS Applications
ENVS 382	Remote Sensing
ENVS 385	Introduction to Global Health
ENVS 387	Principles of Ecotoxicology
ENVS 388	
ENVS 389	Ecological Risk Assessment
ENVS 391	Environmental Research
ENVS 395	Environmental Internship
ENVS 398	Special Topics (with SES approval)
ENVS 399	Directed Readings
ANTH 104	The Human Ecological Footprint
ANTH 303	People and Conservation
List B	
COMM 260	Environmental Journalism
ENVS 279	Climate and History
ENVS 297	North American Environmental History
ENVS 298	Special Topics (with SES approval)
ENVS 310	Introduction to Environmental Law & Policy
ENVS 311	Natural Resources and Land Use Law & Policy
ENVS 312	Water Law & Policy
ENVS 313	Energy Law & Policy
ENVS 332	later de tien te the Circular Francesco
ENVS 333	Introduction to the Circular Economy
ENVS 335	Ecological Economics
ENVS 336	Design for Circular & Sustainable Business
ENVS 354 ENVS 363	Sustainability Plan Development & Reporting
ENVS 363	Sustainable Business Management
ENVS 364 ENVS 383	Human Dimensions of Conservation
ENVS 383	Conservation Economics
ENVS 384 ENVS 388	
ENVS 388	Environmental Research
ENVS 391 ENVS 395	Environmental Internship
ENVS 395	Special Topics (with SES approval)
ENVS 398	Directed Readings
ANTH 317	Ethnographic Methods

Total Hours 2			21
	BIOL, CHEM, P	HYS 300-level courses (with SES approval)	
	SOCL 302	Qualitative Research	
	SOCL 206	Principles of Social Research	
	MARK 320	Marketing for Environmental Sustainability	
	COMM 363	Research Methods in Advertising/Public Relations	
	COMM 277	Organizational Communication	
	COMM 234	Interviewing for Communication	
	COMM 231	Conflict Management and Communication	

### Electives for Digital Media and Storytelling

Code	Title	Hours		
Advertising/Pub	Advertising/Public Relations			
COMM 422	Global and Multicultural Audiences and Stakeholders	3		
COMM 432	Public Interest Communication	3		
COMM 433	Corporate Communication	3		
COMM 437	Advertising/PR Multimedia Commercial Production	3		
COMM 463	Intermediate Advertising Design	3		
COMM 464	Mobile Advertising	3		
Film and Produc	tion			
COMM 439	Video Documentary	3		
COMM 455	Animation	3		
COMM 459	Advanced Post Production	3		
COMM 494	Film & Digital Media Internship	3		
Multimedia Jour	nalism			
COMM 458	Newscasting and Producing	3		
COMM 473	Digital Storytelling Abroad	3		
COMM 492	Multimedia Journalism Internship	3		
Other				
COMM 416		3		
COMM 479	Digital Sustainability	3		
COMM 498	Directed Study for Graduate Students	1-3		

### **Suggested Sequence of Courses**

The below sequence of courses is meant to be used as a suggested path for completing coursework. An individual student's completion of requirements depends on course offerings in a given term as well as the start term for a major or graduate study. Students should consult their advisor for assistance with course selection.

Course	Title	Hours	
Year One			
Fall			
ENVS 137	Foundations of Environmental Science I	3	
	Hours	3	
Spring			
ENVS 203	Environmental Statistics	3	
ENVS 237	Foundations of Environmental Chemistry	3	
ENVS 238	Foundations of Environmental Science Lab	1	
Justice & Ethics (	Justice & Ethics Choice		
	Hours	10	

Fall         ENVS 200       Environmental Careers and Professional Skills       1         ENVS 280       Principles of Ecology Lab       1         Hours       5         Spring       5         ENVS 335       Ecological Economics or ECON 328       3         Environmental Science Elective List A       3         Hours       6         Year Three       3         Fall       5         Environmental Science Elective List A       3         Mours       6         Year Three       3         Fall       5         Engaged Learning Choice       3         300 Level Environmental Science Elective       3         Year Four       7         Fall       7         Policy, Economics, & Resource Management Elective       3         CoMM 405       Story Development and Production       3         CoMM 405       Story Development and Production       3         CoMM 405       Environmental Advocacy       3         Or COMM 379       or Digital Sustainability       3         CoMM 420       Digital Marketing and Analytics       3         CoMM 430       2D Design for Print and the Web       3      <	Year Two			
Skills         ENVS 280       Principles of Ecology       3         ENVS 286       Principles of Ecology Lab       1         Hours       5         Spring       3         ENVS 335       Ecological Economics or ENVironmental Science Elective List A       3         Hours       6         Year Three       7         Fall       8         Engaged Learning Choice       3         Hours       3         Spring       7         PLSC 392       Environmental Politics         300 Level Environmental Science Elective       3         Year Four       7         Fall       7         Policy, Economics, & Resource Management Elective       3         Society, Ethics, & Justice Elective       3         COMM 405       Story Development and Production       3         COMM 405       Story Development and Production       3         COMM 405       Environmental Advocacy       3         Or COMM 379       or Digital Sustainability       3         CoMM 420       Design for Print and the Web       3         COMM 306       Environmental Advocacy       3         Or COMM 379       or Digital Sustainability	Fall			
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## Guidelines for Accelerated Bachelor's/ Master's Programs

#### Terms

- <u>Accelerated Bachelor's/Master's programs</u>: In this type of program, students share limited credits between their undergraduate and graduate degrees to facilitate completion of both degrees.
- <u>Shared credits</u>: Graduate level credit hours taken during the undergraduate program and then applied towards graduate program requirements will be referred to as shared credits.

#### **Admission Requirements**

Accelerated Bachelor's/Master's programs are designed to enhance opportunities for advanced training for Loyola's undergraduates. Admission to these programs must be competitive and will depend upon a positive review of credentials by the program's admissions committee. Accordingly, the admission requirements for these programs may be higher than those required if the master's degree were pursued entirely after the receipt of a bachelor's degree. That is, programs may choose to have more stringent admissions requirements in addition to those minimal requirements below.

#### Requirements:

- · Declared appropriate undergraduate major,
- By the time students begin taking graduate courses as an undergraduate, the student has completed approximately 90 credit hours, or the credit hours required in a program that is accredited by a specialty organization,<sup>1</sup>
- A minimum cumulative GPA for coursework at Loyola that is at or above the program-specific requirements, a minimum major GPA that is at or above the program-specific requirements, and/or appropriate designated coursework for evaluation of student readiness in their discipline.<sup>2</sup>

Students not eligible for the Accelerated Bachelor's/Master's program (e.g., students who have not declared the appropriate undergraduate major) may apply to the master's program through the regular admissions process. Students enrolled in an Accelerated Bachelor's/Master's program who choose not to continue to the master's degree program upon completion of the bachelor's degree will face no consequences.<sup>3</sup>

Ideally, a student will apply for admission (or confirm interest in proceeding towards the graduate degree in opt-out programs) as they approach 90 credit hours. Programs are encouraged to begin advising students early in their major so that they are aware of the program and, if interested, can complete their bachelor's degree requirements in a way that facilitates completion of the program. Once admitted as an undergraduate, Program Directors should ensure that students are enrolled using the plan code associated with the Accelerated Bachelor's/ Master's program. Using the plan code associated with the Accelerated Bachelor's/Master's program will ensure that students may be easily identified as they move through the program. Students will not officially matriculate into the master's degree program and be labeled as a graduate student by the university, with accompanying changes to tuition and Financial Aid (see below), until the undergraduate degree has been awarded. Once admitted to the graduate program, students must meet the academic standing requirements of their graduate program as they complete the program curriculum.

- Programs that have specialized accreditation will adhere to the admissions criteria provided by, or approved by, their specialized accreditors.
- <sup>2</sup> The program will identify appropriate indicators of student readiness for graduate coursework (e.g., high-level performance in 300 level courses). Recognizing differences between how majors are designed, we do not specify a blanket requirement.
- <sup>3</sup> If students choose not to enroll in the Accelerated Bachelor's/Master's program, they still must complete all of the standard requirements associated with the undergraduate degree (e.g., a capstone).

For more information on Admissions requirements, visit here (https://gpem.luc.edu/portal/admission/?tab=home).

#### Curriculum

*Level and progression of courses.* The Accelerated Bachelor's/Master's programs are designed to be competitive and attractive to our most capable students. Students admitted to Accelerated Bachelor's/ Master's programs should be capable of meeting graduate level learning outcomes. Following guidance from the Higher Learning Commission, only courses taken at the 400 level or higher (including 300/400 level courses taken at the 400 level) will count toward the graduate program.<sup>1,2</sup>

Up to 50% of the total graduate level credit hours, required in the graduate program, may come from 300/400 level courses where the student is enrolled in the 400 level of the course. Further, at least 50% of the credit hours for the graduate program must come from courses that are designed for and restricted to graduate students who have been admitted to a graduate program at Loyola (e.g., enrolled in plan code that indicates the Accelerated Bachelor's/Master's program, typically ending with the letter "D").<sup>3</sup>

In general, graduate level coursework should not be taken prior to admission into the Accelerated Bachelor's/Master's program. Exceptions may be granted for professional programs where curriculum for the Accelerated Bachelor's/Master's program is designed to begin earlier. On the recommendation of the program's Graduate Director, students may take one of their graduate level courses before they are admitted to the Accelerated Bachelors/Master's program if they have advanced abilities in their discipline and course offerings warrant such an exception.<sup>4</sup> Undergraduate degree requirements outside of the major are in no way impacted by admission to an Accelerated Bachelor's/Master's program.<sup>5</sup>

Shared credits. Undergraduate courses (i.e., courses offered at the 300 level or below) cannot be counted as shared credits nor count towards the master's degree. Up to 50% of the total graduate level credit hours, required in the graduate program, may be counted in meeting both the undergraduate and graduate degree requirements. Of those shared credits, students in an Accelerated Bachelor's/Master's program should begin their graduate program with the standard introductory course(s) for the program whenever possible. So that students may progress through the Accelerated Bachelor's/Master's program in a timely manner, undergraduate programs are encouraged to design their curriculum such that a student can complete some required graduate credit hours while completing the undergraduate degree. For instance, some of the graduate curriculum should also satisfy electives for the undergraduate major.

The program's Graduate Director will designate credit hours to be shared through the advising form and master's degree conferral review process. Shared credit hours will not be marked on the undergraduate record as having a special status in the undergraduate program. They will be included in the student's undergraduate earned hours and GPA. Graduate credit hours taken during the undergraduate program will not be included in the graduate GPA calculation.

- <sup>1</sup> If students wish to transfer credits from another university to Loyola University Chicago, the program's Graduate director will review the relevant syllabus(es) to determine whether it meets the criteria for a 400 level course or higher.
- <sup>2</sup> Programs with specialized accreditation requirements that allow programs to offer graduate curriculum to undergraduate students will conform to those specialized accreditation requirements.
- <sup>3</sup> In rare cases, the Graduate Director may authorize enrollment in a 400-level course for a highly qualified and highly motivated undergraduate, ensuring that the undergraduate's exceptional participation in the graduate class will not diminish in any way the experience of the graduate students regularly enrolled.
- <sup>4</sup> For example, if a particular course is only offered once every 2-3 years, and a student has demonstrated the necessary ability to be successful, the Graduate Director may allow a student to take a graduate level course to be shared prior to the student being formally admitted to the graduate program. See, also, footnote 3.
- <sup>5</sup> Students should not, for example, attempt to negotiate themselves out of a writing intensive requirement on the basis of admission to a graduate program.

#### Graduation

Degrees are awarded sequentially. All details of undergraduate commencement are handled in the ordinary way as for all students in the School/College/Institute. Once in the graduate program, students abide by the graduation deadlines set forth by the graduate program. Students in these programs must be continuously enrolled from undergraduate to graduate degree program unless given explicit permission by their program for a gap year or approved leave of absence. In offering the option of an Accelerated Bachelor's/Master's program, the university is making possible the acceleration of a student's graduate degree completion. It should be understood that students may not request deferral of their matriculation into the Master's degree program. If students would like to delay their graduate studies after earning the undergraduate degree, they may apply for admission to the traditional master's degree program. Any application of graduate credit earned while in the undergraduate program is subject to the policies of the graduate degree granting school.

### **Learning Outcomes**

- Demonstrate an understanding of scientific, social, and humanistic approaches to environmental questions. [BA]
- Appraise the interactions and synergies between the natural world, social systems, and human cultures. [BA]
- Advance environmental and social sustainability that integrates scientific research, social analysis, and cultural awareness. [BA]
- Engaged actions of self-awareness and social solidarity that reflect a commitment to integral ecology. [BA]
- Learn how to use state-of-the-art equipment in our Convergence Studio and technology labs. [MC]
- Learn audience engagement and analytics to understand user activities and to drive improvements in distribution performance. Students will learn digital audience behavior and the legal, marketing and economic environment for finding ideal audiences and distributing digital content. [MC]

• Create a capstone project that integrates learning from all coursework and culminates in a professional project that is widely distributed to the public. [MC]

### **SES Shared Learning Outcomes**

All SES majors share the following Program Learning Objectives, in addition to their unique major-specific Program Learning Objectives:

1. Articulate the foundational principles of natural and social sciences and humanities essential to solving environmental problems.

2. Critically evaluate the accuracy and credibility of information relating to environmental topics.

3. Employ knowledge and skills to design and implement solutions that contribute to a just and sustainable world.

4. Exemplify the values of environmental and social justice through actions to care for our common home and one another.