

EARTH, ENVIRONMENT, AND GLOBAL SUSTAINABILITY

Our Earth's environmental issues and the sustainability of its resources will provide humanity with one of its biggest challenges for the foreseeable future. Scientific and technological solutions to environmental problems will be dependent on economic, political and social constructs that will require global cooperation. This concentration provides students with a background in Earth or environmental systems together with global perspectives on the challenges of sustainable development.

The LSM consists of eight courses and a culminating project (LSM 450). Students can apply no more than two business courses and no more than two non-Bentley courses to the major. Up to two AP or IB courses can be applied to the major. Not all LSM concentrations can be paired with all business majors. See the major/minor exclusions (catalog.bentley.edu/undergraduate/degree-requirements/major-minor-exclusions/) list for more information.

Requirements

Course	Title	Credits
Select three or four courses in Natural and Applied Sciences (one must be a 4-credit NASC course) (p. 1)		10 to 13
Select four or five courses from the electives list (p. 1)		12 to 15
LSM 450	LSM - Culminating Experience	0

Natural and Applied Sciences Course List

Course	Title	Credits
Select three or four courses in Natural and Applied Sciences (one must be a 4-credit NASC course):		10 to 13
NASC 100	Astronomy: Solar System	
NASC 111	Green Biology: Ecological and Botanical Connections	
NASC 121	Chemistry of Sustainable Products	
NASC 122	Environmental Chemistry	
NASC 130	Principles of Geology	
NASC 140	Energy and The Environment	
NASC 150	Environmental Science and Sustainability	
NASE 305	U.S. Space Program: Going Beyond	
NASE 311	Ecology: Principles and Applications	
NASE 314	Coastal Biology of Cape Cod	
NASE 315	Human Health and Disease in Today's World	
NASE 317	Economic Botany	
NASE 318	Global Health Challenges	
NASE 320	Bugs in the System	
NASE 328	Water Quality	
NASE 334	Coastal Geology of Cape Cod	
NASE 335	Oceanography	
NASE 336	Water and the Environment	
NASE 337	Global Climate Change	
NASE 339	Weather and Climate	

NASE 344	Energy Alternatives
NASE 350	Industrial Ecology
NASE 364	Science of Sustainability
NASE 380	Science of Environmental Policy

Electives Course List

Course	Title	Credits
Select four or five from the following list:		12 to 15
EXP 201	Expository Writing II: Advanced Inquiry in Writing ¹	
GLS 230	Politics and Public Policy	
GLS 101	Globalization	
GLS 110	Global Regions	
GLS 116	International Relations	
GLS 243	The Developing World	
GLS 325	Global Transportation and Tourism	
GLS 330	Politics of Risk	
HI 280	The Caribbean: Past, Present, Future	
HI 314	History of the World Economy	
HI 346	Economic History of the United States	
HI 353	20th Century U.S. Economic History	
HI 355	American Environmental History	
LIT 363	American Literature: Realism and Naturalism	
MA 227	Mathematical Modeling in Environmental Management	
MA 263	Continuous Probability for Risk Management	
PH 130	Business Ethics: Corporate Social Responsibility	
PH 133	Business Ethics: International Business Ethics	
PH 138	Environmental Ethics	
PH 351	Perspectives on Poverty	
PS 305	Environmental Psychology	
Courses from Business Departments (LSMs may use no more than two Business Department courses):		
EC 311	International Economics	
EC 321	International Economic Growth and Development	
EC 341	Urban and Regional Economics	
EC 346	Environmental Economics	
LA 102	Environmental Law	
LA 308	International Business Law	

¹ With appropriate theme.