

SUSTAINABILITY STUDIES, B.A.

The Sustainability Studies B.A. program will produce well-prepared sustainability professionals who can demonstrate discipline-specific proficiency as well as proficiency in NJCU's University-wide learning outcomes of critical thinking and problem solving, written and oral communications, quantitative literacy, information and technological literacy, and civic engagement and intercultural knowledge. Students will be educated and trained to understand and address complex sustainability challenges, and to seek and develop interdisciplinary solutions.

Code	Title	Credits
Required Courses (55 credits)		
Earth and Environmental Sciences Core Courses		
EESC 121	Mapping the City	3
EESC 236	Our Sustainable World: Urban and Global Sustainability	3
EESC 237	Environmental Issues and Policy: Global and Urban Perspectives	3
EESC 231	Water Chronicles	3
EESC 235	Global Climate Change	3
EESC 250	Plunder: The Race for Natural Resources	3
EESC 252	GIS I: Contemporary Applications of GIS	3
EESC 390	Energy, Society and Sustainability	3
EESC 410	Urban Soil Survey	4
Interdisciplinary Core Courses		
PHIL 113	Environmental Ethics	3
POLI 120	Global Challenges	3
MATH 140	Statistics I	3
ECON 207	Principles of Economics:Macro	3
ECON 208	Principles of Economics:Micro	3
HLTH 210	Introduction to Public Health	3
MGMT 211	Principles of Management	3
PHIL 246	Food, Philosophy, and Global Health	3
MGMT 300	Introduction to Supply Chain, Logistics and Port Management	3
Electives (18 credits for a select track; At least 2 courses have to be at the 300+ level)		
Urban Sustainability and Public Policy Track		
HIST 131	Metropolitan New York	3
HIST 313	Urban America: The City in American History	3
HIST 375	Historic Cities in Global Perspective	3
URBN 145	Introduction to Urban Studies	3
POLI 213	Urban Politics	3
ETHN 220	Geographies of Immigration	3
POLI 212	Introduction to Public Policy Analysis	3
SOCI 230	Cities of Industry	3
SOCI 254	Urban Sociology	3
SOCI 268	Urban Anthropology	3
MGMT 306	Logistics and Transportation Management	3

ECON 358	Urban Economics: Analysis and Policy	3
Sustainable Natural Resource Management Track		
ECON 102	Contemporary Economic Issues	3
BIOL 130	Principles Biology I	4
BIOL 131	Principles Biology II	4
HIST 245	Cities in History	3
EESC 120	Water Explorer	3
EESC 135	Our Planet Earth	3
EESC 201	Environmental Science for All: Introduction to Environmental Systems and Processes	3
EESC 340	Hydrology I	3
EESC 348	Environmental Geology	3
EESC 350	GIS II: Contemp Analysis w/GIS	3
BIOL 217	Life In The Sea	3
MGMT 415	Sustainability in Supply Chain, Logistics, and Transportation Management	3
Sustainability and Environmental Health Track		
EESC 120	Water Explorer	3
SECU 153	Occupational Safety and Health	3
BIOL 224	The Human Body	3
SOCI 230	Cities of Industry	3
HLTH 205	Public Health Aspects of Nutrition	3
HLTH 303	Environmental Health	3
HLTH 310	Public Health Issues of Immigration	3
EESC 201	Environmental Science for All: Introduction to Environmental Systems and Processes	3
EESC 226	Earth 360:Integrated Geography	3
EESC 348	Environmental Geology	3
EESC 349	Introduction Hazmat Field Techniques	4
EESC 437	Environmental Health	3
Freshman		
Semester 1		Credits
ENGL 101	English Composition I	4
or ESL 101	or English Composition I for English as a Second Language Students	
EESC 121	Mapping the City	3
POLI 120	Global Challenges	3
EESC 236	Our Sustainable World: Urban and Global Sustainability	3
General Education Tier I Seminar		3
Credits		16
Semester 2		
ENGL 102	English Composition II	4
or ESL 102	or	
EESC 252	GIS I: Contemporary Applications of GIS	3
EESC 237	Environmental Issues and Policy: Global and Urban Perspectives	3
ECON 207	Principles of Economics:Macro	3
General Education Tier I Seminar		3
Credits		16
Sophomore		
Semester 1		
ECON 208	Principles of Economics:Micro	3

MATH 140	Statistics I	3
General Education Tier I Seminar		3
Sustainability Track Elective I		3
General Education Tier II Seminar		3
Credits		15
Semester 2		
EESC 250	Plunder: The Race for Natural Resources	3
PHIL 113	Environmental Ethics	3
General Education Tier I Seminar		3
General Education Tier II Seminar		3
Sustainability Track Elective II		3
Credits		15
Junior		
Semester 1		
EESC 235	Global Climate Change	3
PHIL 246	Food, Philosophy, and Global Health	3
MGMT 211	Principles of Management	3
General Education Tier II Seminar		3
Sustainability Track Elective III		3
Credits		15
Semester 2		
MGMT 300	Introduction to Supply Chain, Logistics and Port Management	3
HLTH 210	Introduction to Public Health	3
EESC 231	Water Chronicles	3
General Education Tier II Seminar		3
Sustainability Track Elective IV		3
Credits		15
Senior		
Semester 1		
EESC 390	Energy, Society and Sustainability	3
Sustainability Track Elective V		3
General Education Tier II Seminar		3
General Education Tier II Seminar		3
Elective		3
Credits		15
Semester 2		
EESC 410	Urban Soil Survey	4
Sustainability Track Elective VI		3
Elective		3
Elective		3
Credits		13
Total Credits		120

- Outcome 4: Demonstrate the ability to utilize interdisciplinary information and technology to address sustainability challenges and issues.
- Outcome 5: Recognize ethical and social responsibility in urban and global sustainability challenges.
- Outcome 6: Integrate leadership and collaboration skills to effectively manage sustainability issues.

- Outcome 1: Demonstrate an understanding of interdisciplinary and complex aspects of sustainability issues.
- Outcome 2: Apply critical thinking and quantitative skills to provide practical solutions to sustainability challenges in urban and global communities.
- Outcome 3: Exhibit proficiency in appropriate written and oral communications within urban and global sustainability context.