

Environmental Planning and Design Curriculum (573) / Landscape Planning

(SEBS) General Education Requirements

Requirement V1 : Interdisciplinary Critical Analysis 3 credits, 1 course

____:____:____ _____ Junior/Senior Colloquium

Requirement V2 : Life Sciences 4 credits, 1 course

01:119:103 Principles of Biology

Requirement V3 : Physical Sciences 3 credits, 1 course*

01:450:101 Earth Systems (3) or 01:460:100 Planet Earth (3) or 01:460:101 Introductory Geology (4)

Requirement V4 : Humanities and the Arts, 6 credits, 2 courses

____:____:____ _____ (3) May be EDA

11:550:301 Social and Cultural Aspects of Design (3)

Requirement V5 : Multicultural and International Studies, 6 credits, 2 courses

____:____:____ _____ (3)

____:____:____ _____ (3)

Requirement V6 : Human Behavior, Economic Systems, and Political Processes, , 9 credits, 3 courses

____:____:____ _____ (3) Human Behavior

11:373:121 Principles and Applications of Microeconomics (3) Economic Systems

____:____:____ _____ (3) Political Processes

Requirement V7 : Oral and Written Communication , 6 credits, 2 courses

____:____:____ _____ (3)

____:____:____ _____ (3)

Major Requirements:

Environmental Planning and Design, Landscape Planning Option

Requirement V1 : Physical Science(also fills SEBS Physical Science Requirement) 3 credits, 1 course

01:450:101 Earth Systems (3) or 01:460:100 Planet Earth (3) or 01:460:101 Introductory Geology (4)

Requirement V2 : Quantitative Methods, 4 credits, 1 course-

01:640:115 Pre-calculus College Math (4), or
01:640:111 Pre-calculus I and 01:640:112 Pre-calculus College Math II

Requirement V3 : Environmental Planning and Design Core, 21 credits, 6 courses

11:372:231 Fundamentals of Environment Planning (3)

11:372:232 Fundamentals of Environmental Geomatics (3)

11:550:231 Intro. to Environmental Design I Studio (5)
Corequisite: 11:550:237 Visualization I Drawing and Drafting

11:550:233 Landscape Plants I (3)

11:550:237 Visualization I Drawing and Drafting (3)

11:550:241 Construction I Mapping and Engineering(4)

Requirement V4 : Planning Sequence 12 credits, 4 courses

11:372:233 Geomatics Lab (1)

11:372:202 Environ Issues US (3)

11:372:413 Open Space Planning (3)

11:550:331 Environmental Planning Studio (5)
or 11:550:332 Junior Praxis Studio (5) SPN (Fulfills experienced-Based Education)
or 11:550:443 Study Abroad Studio (5)

Requirement V5 : Planning Electives, 9 credits, 3 courses

- 11:372:409 NJ Planning Practice(3)
- 11:372:411 Environ. Planning Process (3)
- 11:372:444 Watershed Management (3)
- 11:373:362 Natural Resource Economics (3)
- 11:373:363 Environmental Economics (3)
- 10:762:233 Urban World (3)
- 10:762:305 Principles of Public Policy (3)
- 10:762:306 Principles of Urban Planning (3)
- 10:762:315 Designing Healthy Cities (3)
- 10:762:335 Gender, Family + Public Policy (3)
- 10:762:413 Urban Revitalization (3)
- 10:762:440 Principles of Real Estate (3)
- 10:762:473 Transportation Policy (3)
- 10:762:474 Tourism Planning (3)

Requirement V6 : Plants/Ecology Sequence, 13-14 credits, 4 courses

- 11:375:360 Soils and Water (3)
or 11:776:440 Soil Fertility
- 11:550:234 Landscape Plants II(3) or
11:550:235 Herbaceous Plants (3),or 11:704:403 Urban Forestry (3) or 11:704:272 Dendrology (4)
- 11:670:201 Elements of Meteorology or 11:670:202 Elements of Climatology (3)
- 11:704:332 Plant Ecology (4) or 11:704:351 Principles. of Ecology (3)
Prerequisites: 01:119:103 Principles of Biology

Requirement V7 : History/Theory Sequence, 6 credits, 2 courses

- 11:550:301 Social and Cultural Aspects of Design (3)
- 11:372:302 Ecological History of North America

Free elective credits will be needed to complete the required 128 credits.

List of suggested but not required Certificates/Minors

Certificate Programs:

- Restoration Ecology (26-31)
- Environmental Geomatics (19)
- International Agriculture/Environment (21-23)
- Real Estate Development (24)
- Social Strategies for Environmental Protection (27)
- Urban Planning (24)

Minor Programs:

- Agroecology (21-24)
- Minor in Ecology and Evolution (20-25 credits)
- Environmental and Business Economics (21-23)
- Entomology (19-26)
- Environmental Policy, Institutions, and Behavior (21)
- Environmental Sciences (21 credits)
- Marine Sciences (18)
- Meteorology (18)
- Natural Resource Management (20-25)
- Plant Science (18-20)
- Science and Agriculture Teacher Education (24-27)
- Individualized Concentration (18-24)

List of Suggested Electives

11:216:450 Landscape Ecology	3
11:550:101 Landscape Studies	3
11:550:337 Visualization II Digital Design & Presentation	3
11:550:350 Visualization III CAD for Land. Arch.	3
11:550:438 Material Techtonics	3
11:550:371 Ag & the Landscape	3
11:550:403 Japanese Gardens	3
11:550:430 Adv. LA History	3
11:550:450 Advanced CAD LA	3
11:550:553 Theories of LA	3
11:550:554 Post-Industrial LA	3
11:704:450 Landscape Ecology	3

Several: Dept. of Human Ecology

Several: Bloustein School of Planning and Public Policy

Several: Dept. of Ecology, Evolution and Natural Resources and

Several: Dept. of Environmental Sciences