

Environmental Planning and Design Curriculum (573) / Landscape Industry (SEBS) General Education Requirements

Please see SEBS Core Curriculum Requirements (<https://sebs.rutgers.edu/core/>)

Major Requirements: Environmental Planning and Design, Landscape Industry 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

11:573:231 Fundamentals of Environment Planning (3)

11:573:232 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 : Landscape Industry, Professional Practice Sequence 16-18 credits, 5 courses

11:550:221 Site Design (3),
or 11:550:333 Design Built Studio (5), or 550:443 Studio Abroad Studio (5)

11:550:337 Visualization II Digital Design & Presentation (3)

11:550:439 Suburbia Transformed (3), SPN

11:550:341 Construction II Materials & Engineering I (4)

11:550:442 Sustainable Technology (3)
Prerequisite: 11:550:341 Construction II Materials & Engineering I

Requirement V5: Plants/Ecology Sequence, 23 credits, 7 courses

11:550:234 Landscape Plants II (3)

11:550:235 Herbaceous Plants (3)

11:550:238 Landscape Management and Maintenance (3)

11:550:340 Planting Design (4)

Prerequisite: 11:550:233 Landscape Plants I and 11:550:221 Intro. to Site Design (3)

11:375:360 Soils and Water (3) or 11:776:440 Soil Fertility (3),

11:216:332 Plant Ecology (4) or 11:216:351 Principles of Ecology (3)

Prerequisites: 01:119:103 Principles of Biology

Plants/Ecology Elective (3)

11:216:403 Urban Forestry (3), 11:776:304 Turf grass Management (3), 11:776:323 Appl. Phys. of Horti. Crops (3), 11:776:439 Nursery Crop Production (3)

Requirement V6: Economic Sequence, 9 credits, 3 courses

11:550:436 Landscape Enterprise (3)

Economy Elective (6)

33:010:272 Intro Financial Accounting (3), 11:373:121 Principles and Applications of Microeconomics (3),

11:373:231 Introduction to Marketing (3), 11:373:241 Introduction to Management (3)

11:373:492 Sustainability Decision Tools (3)

Requirement V7: Experienced-Based Education, 1 course, 3 Credits

11:550:240 Public Garden Management (3), 11:550:332 Junior Praxis Studio (5), 11:550:333 Design Built Studio (5), 11:902:300 SEBS Internship, 11:015:497 George H. Cook Scholars Program,

Electives: 16 Credits

__:__:__ _____ (3)

__:__:__ _____ (3)

__:__:__ _____ (3)

__:__:__ _____ (3)

__:__:__ _____ (4)

List of Suggested Electives

11:573:202 Environ Issues US	3
11:573:409 NJ Planning Practice	3
11:573:411 Environ. Planning Process	3
11:573:413 Open Space Planning	3
11:573:444 Watershed Management	3
11:550:101 Landscape Studies	3
11:550:230 Environmental Design Analysis	3
11:550:371 Ag & the Landscape	3
11:550:403 Japanese Gardens	3
11:550:430 Adv. LA History	3
11:550:438 Material Techtonics	3
11:550:450 Advanced CAD LA	3
11:550:553 Theories of LA	3
11:550:554 Post-Industrial LA	3
11:216:450 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