

Environmental Planning and Design Curriculum (573) / Urban Forestry

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

Major Requirements:

Environmental Planning and Design, Urban Forestry Option

Requirement V1 : Soils, 6 credits, 2 courses

11:375:360 Soils and Water (3)

11:776:413 Soil Quality or 11:776:440 Soil Fertility (3)

Requirement V2 : Quantitative Methods, 8 credits, 2 courses

01:640:115 Pre-calculus College Math (4), or

01:640:111 Pre-calculus I and 01:640:112 Pre-calculus College Math II

11:216:453 Natural Resource Biometrics (4)

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 : Urban Forestry 23-25 credits, 7 courses

11:216:456 Trees and the Environment (3)

11:216:403 Urban Forestry (3)

11:216:365 Arboriculture (4)

11:216:471 Silviculture (3)

11:216:274 Field Techniques in Ecology and Natural Resources (4)

11:776:391 Diseases of Insects and Ornamental Plants (3) or 11:370:381 Insect Biology (4)

11:550:234 Landscape Plants II (3) or 11:216:272 Dendrology (4)

Requirement V5: Planning and Culture, 9 credits, 3 courses

11:573:202 Environmental Issues in the US (3) or 11:573:413 Open Space Planning (3)

11:573:233 Geomatics Lab (1)

11:550:498 Senior Thesis in Landscape Architecture (5) or 11:550:332 PRAXIS studio I (5)

Requirement V6: Economic Sequence, 6 credits, 2 courses

11:373:121 Principles and Applications of Microeconomics (3), 11:373:231 Introduction to Marketing (3),

11:373:492 Sustainability Decision Tools (3)

11:216:472 Forest Finance and Management (3)

Requirement V7: Experience-Based Education 1-3 Credits

Suggested Certificate Programs:

Environmental Geomatics (19)

Social Strategies for Environmental Protection (27)

Urban Planning (24)

Suggested 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)