

Field Laboratory in Ecology (v23.0016)
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Field Laboratory in Ecology (v23.0016) provides field experience related to ecology.

Study sites have included Pine Barrens, salt marsh, swamp, maritime forest, coastal beach and dune, urban wildlife refuge, and bog.

Trips focus on effects of biological invasions on native communities, restoration ecology, wetland processes, urban ecology, soils and vegetation community gradients, etc. All are combined with careful attention to the identification of the floral and faunal components of each ecosystem. A selection of current readings from Science and Nature, as well as the relevant methodology papers from the scientific literature, are used. Practical skills gained in this course are familiarity with the local flora and fauna, use of topographic maps and the global positioning system, methods for sampling natural communities, familiarity with the format of a scientific paper, collection of field data and enhanced understanding of complex ecosystems.