Science Learning Minor for Ecology Majors
This strand is ideal if you wish to explore courses and careers in education, including environmental/outdoor education and agricultural/extension education. Note this minor is also ideal for students who are interested in becoming a certified teacher but do NOT intend on enrolling in the Graduate School of Education Five Year program here at Rutgers. If you are interested in Rutgers Certification programs, please visit here: http://gse.rutgers.edu/academic-programs/five-year-teacher-education/agricultural-science-or-biological-science-education

Program specifics: Total of 18-19 credits

REQUIRED COURSES:
11:879:335 Informal Science Education (3) or 05:300:00 Introduction to Education (3)
11:300:416 Environmental Education in the School Curriculum (3)

And one of the following:
05:300:306 Educational Psychology: Principles of Classroom Learning (3)
01:377:301 Psychology of Sport and Exercise (3)
01:830:321 Social Psychology (3) - (prerequisite 01:830:101)
01:830:371 Group Dynamics - (prerequisite 01:830:101 and by permission of instructor)
01:830:372 Psychological Applications to Social Problems - (prerequisite 01:830:321)
01:830:373 Organization and Personnel Psychology - (prerequisite 01:830:101)
05:300:306 Principles of Classroom Learning (3) - (prerequisite 01:830:101)

Practicum/Field Experience:
(NOTE: Coop and Research in Education credits can also be used. We will also work with experienced-based credits from each major program. If you pursue your Exercise Science Internship in combination with education, we can substitute that course for this requirement (e.g., Internship in Sport Management 01:377:490, Internship in Exercise science 01:377:493, Internship in Exercise Physiology 01:377:494/495).

11:300:438 Practicum (3)
11:300:412 Research in Education (3)

A single course must be taken in each of the following areas:
Group dynamics/Communication:
01:830:321 Social Psychology (3)
01:830:362 Psychology of Sex and Gender (3)
01:830:371 Group Dynamics (by perm of instructor) (3)
01:830:372 Psychological Applications to Social Problems (3)
01:830:373 Organization and Personnel Psychology (3)
01:830:375 Prejudice and Conflict (3)
11:300:401 Individual and Cultural Diversity (3)
05:300:350 Education and Computers (3)
11:374:325 Environmental Communications (3)
11:374:493 Environmental Communications Clinic (by permission of instructor)
11:628:307 Communicating Ocean Sciences
11:704:428 Conversational Mathematical Modeling (3)
Content area expertise:
11:704:217 Fundamentals of Natural Resources Management (3)
11:704:251 Fundamentals of Evolution (3)
11:704:351 Principles of Ecology (4)