A photograph of three students on a wooden bench by a pond in autumn. A young woman with long dark hair, wearing a dark blue shirt and a grey cardigan, sits on the left side of the bench, holding a white tablet and looking towards the man. A young man in a purple hoodie and blue jeans stands between the two women, smiling. A young woman with long brown hair, wearing a yellow shirt, sits on the right side of the bench, looking towards the man. The background features a pond, trees with vibrant autumn foliage in shades of orange, red, and yellow, and a grassy bank. A black bag is hanging from the left side of the bench. In the bottom right corner, there is a logo for Rutgers University and the word 'RUTGERS' in a serif font.

SCHOOL OF ENVIRONMENTAL AND BIOLOGICAL SCIENCES



RUTGERS



WHO WE ARE AND WHAT WE DO

Students at Rutgers School of Environmental and Biological Sciences are part of a rich history of learning, innovation, service, and community. They enjoy the benefits of well-established professional and pre-professional degree programs, complemented by hands-on and extracurricular experiences.

- ▶ Our courses cover the biological spectrum, from organisms to ecosystems.
- ▶ Students often pursue groundbreaking research projects, internships, and service learning opportunities—all of which are hallmarks of an education at one of the top public research universities in the nation.
- ▶ Our school offers a wide variety of majors that provide excellent preparation for professional school (medical, dental, veterinary medicine, and law), graduate study and positions in government, industry, business, and health-related areas.
- ▶ Our graduates attend some of the nation's most prestigious universities, and they become leaders in their fields.

We foster an environment that encourages leadership and values individuals. Our integrated teaching, research, and outreach programs offer students a complete and well-rounded education both inside and outside the classroom and prepares students for employment and citizenship in an increasingly interrelated, global community. Located just one hour from New York City, 90 minutes from Philadelphia, and one hour from the Jersey shore, the school offers our students the best of all worlds.

DEGREE PROGRAMS

The school offers numerous degree programs that prepare students for exciting and diverse career opportunities. The following majors are available to students who matriculate at SEBS. Minors and certificate programs, as well as double majors and joint degree programs, are also available. For more information, visit sebs.rutgers.edu/majors.

Agriculture and Food Systems

Animal Science

Preveterinary Medicine and Research
 Laboratory Animal Science
 Equine Science
 Production Animal Science
 Companion Animal Science

Biochemistry

Biochemistry of Microbial Systems
 Biochemical Toxicology
 Biochemistry of Plant Systems
 Protein and Structural Biochemistry

Bioenvironmental Engineering

(5-year B.S./B.S. Program)

Biological Sciences

Biotechnology

Animal Biotechnology
 Bioinformatics
 Bioscience Policy and Management
 General Biotechnology
 Microbial Biotechnology
 Plant Biotechnology

Ecology, Evolution and Natural Resources

Entomology

Environmental and Business Economics

Business Economics
 Environmental and Natural Resource Economics
 Food Industry Economics
 Food Science and Management Economics

Environmental Planning and Design

Environmental Geomatics
 Landscape Planning

Landscape Industry
Urban Forestry

Environmental Policy, Institutions, and Behavior

Environmental Sciences

Applied Environmental Science
Environmental Health
Environmental Science

Food Science

Food Science Research
Food Science and Management
General Food Science

Kinesiology and Health

Landscape Architecture

Marine Sciences

Marine Biology/Biological
Oceanography
Marine Chemistry
Marine Geology
Physical Oceanography
Directed Marine Studies

Meteorology

Operational Meteorology
Environmental Meteorology
Climate

Microbiology

Nutritional Sciences

Community Nutrition
Dietetics
Food Service Administration
Nutrition
Nutrition, Food and Business

Plant Biology

General Plant Biology
Horticulture and Turf Industry
Horticulture Therapy Specialization

Public Health

FACULTY

Faculty at the School of Environmental and Biological Sciences are internationally known scholars whose interdisciplinary orientation is ideally suited to solving the problems that confront the state, the nation, and the world. Their philosophy reflects Rutgers' strong land-grant tradition of teaching, research, and service. Our students are encouraged to adopt the same approach to their educational experience at Rutgers.

ACADEMIC ADVISING

Throughout their matriculation, students develop their academic plans and chart their progress in close consultation with academic advisors. In their first year, students are assigned to an academic advisor based on their academic interests and intended major. In subsequent years, students are also advised by a faculty member in their selected program(s) of study. Students are encouraged to meet with their advisors throughout the academic year.

CREDITS REQUIRED FOR GRADUATION

In addition to achieving proficiency in one of the programs of study offered at the school, all students are required to complete The SEBS Core Curriculum. The Core Curriculum emphasizes the practical application of scholarship related to the environment and the life sciences integrated with critical thinking developed across the curriculum. The Core consists of the following areas:

- ▶ Contemporary Challenges
- ▶ Experience-Based Education





- ▶ Areas of Inquiry
 - Natural Science, Social and Historical Analysis, Economic Analysis, Governance and Regulation Analysis, and Arts and Humanities
- ▶ Cognitive Skills and Processes
 - Writing and Communication, Quantitative and Formal Reasoning, and Technology and Research

Students must complete a minimum of 128 credits of course work to graduate with a bachelor's degree from the School of Environmental and Biological Sciences.
(The 5-year Bioenvironmental Engineering degree requires a minimum of 159 credits.)

EXPERIENCE-BASED EDUCATION

Students who participate in the Student to Professional Internship Network (SPIN) at the School of Environmental and Biological Sciences gain experience related to their course of study or career interests while earning academic credits to fulfill the school's experience-based education requirement. SPIN is an academic program, so the credits are earned through the completion of academic assignments while the student is involved in part-time or full-time work experience within business, industry, government, or non-profit agencies. Visit SPIN website at sebsspin.rutgers.edu. Experience-based education may also be achieved through the following:

- ▶ Independent Research
- ▶ Departmental Internships
- ▶ George H. Cook Scholars Program
- ▶ Study Abroad (studyabroad.rutgers.edu)
- ▶ SEBS International Summer Study Abroad Program (sebs.rutgers.edu/international)
- ▶ ARESTY (Research Assistant Program) (aresty.rutgers.edu)
- ▶ Field Study
- ▶ Laboratory Research



HONORS PROGRAMS

School of Environmental and Biological Sciences students graduate from the school with honors on the basis of their final cumulative grade-point average. Three honors programs are available to our students:

1. The School of Environmental and Biological Sciences Honors Program admits select high school seniors based on their academic record and test scores. Admission is competitive. Students who submit their applications by the December 1 Undergraduate Admissions deadline are eligible.
2. The Rutgers Honors College offers invitations to a select group of top students admitted into the School of Environmental and Biological Sciences each year. First-year students in the Honors College, a residential college comprised of students from all university schools, live within the Honors College residence on College Avenue Campus, and in the following years have programming requirements and experiences as a larger honors student community.
3. The George H. Cook Scholars Program is a senior honors thesis program undertaken under the direction of a faculty advisor. Eligible students, in the upper 15% of their class, are invited to join the program in the fall of their junior year. The project is normally undertaken in the last two



terms of the senior year but students are encouraged to begin the work as early as possible. Upon completion and acceptance, the student graduates with honors as a George H. Cook Scholar.

SCIENCE TEACHER EDUCATION

The Science Teacher Education program is available as a minor course of study for students enrolled at the school. This minor is a prerequisite or “gateway” to a fifth year of study in the university’s Graduate School of Education and culminates in a master’s degree with New Jersey certification, as a teacher of science or agriculture. For more information, call 848-932-9164 or visit sciencelearning.rutgers.edu.

CLUBS AND ORGANIZATIONS

The Rutgers-New Brunswick campus offers students many opportunities to become involved in co-curricular and extracurricular activities. There are over 400 recognized university-wide student clubs and organizations. There are also school-based activities like the SEBS Governing Council, Designer Genes (Biotechnology), the Veterinary Science Club, or the Fraternity of Alpha Zeta, the school’s honors and service organization. For more information, visit getinvolved.rutgers.edu.

RECREATION

Recreation serves as an adjunct to academic pursuits and all students enrolled at the school are encouraged to participate in the wide range of campus recreation/intramural activities. For more information, visit recreation.rutgers.edu.

EDUCATIONAL OPPORTUNITY FUND PROGRAM

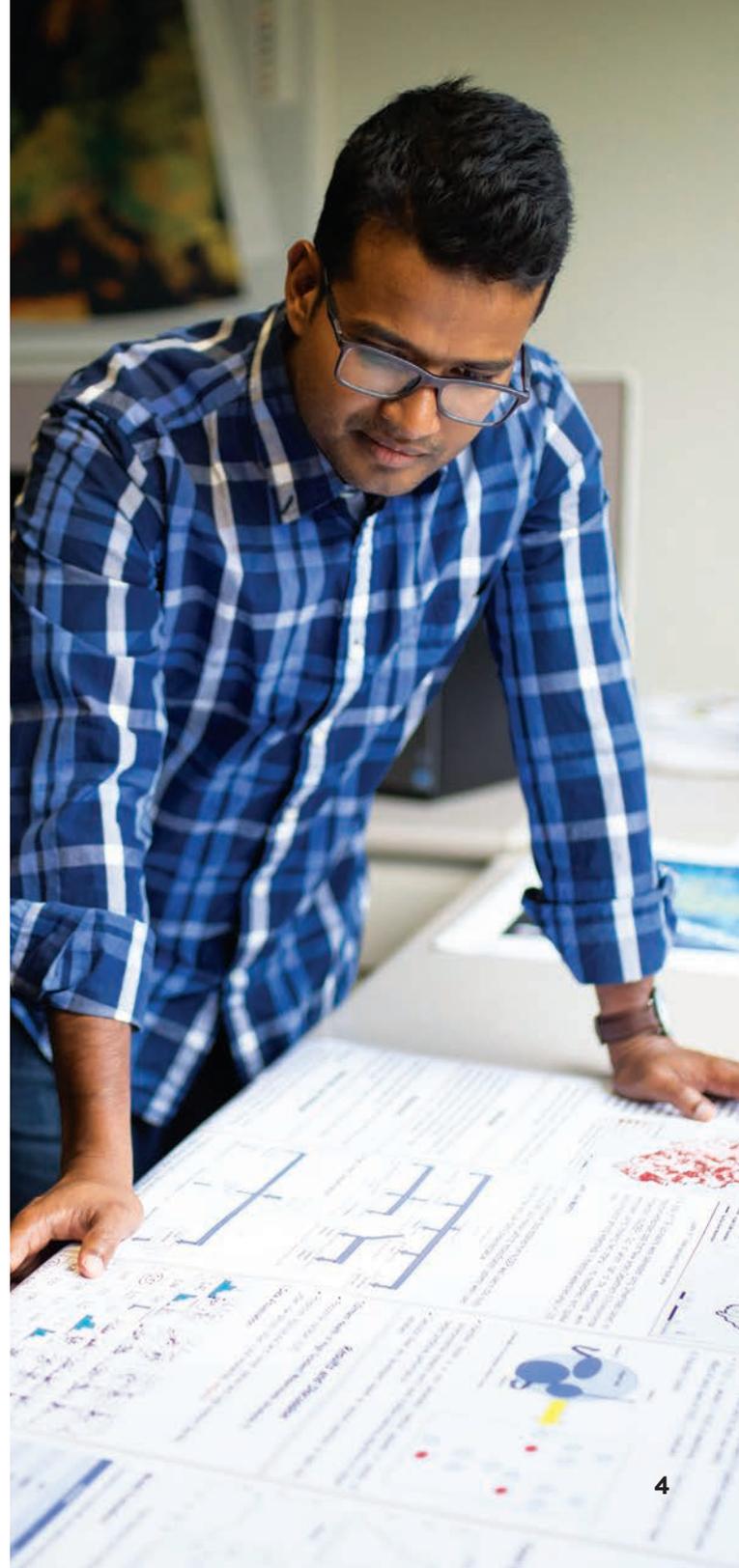
The School of Environmental and Biological Sciences Educational Opportunity Fund Program (EOF) is designed to provide a network of academic support services for students, especially those who qualify for the State of New Jersey Educational Opportunity Fund Grants. Academic workshops, courses, career path development, advising, and seminars are part of the services available. For more information, visit access.rutgers.edu/sebs-eof.

HOUSING

Options for on-campus housing include residence halls, apartments, suites, learning communities (rulc.rutgers.edu), Helyar House cooperative living community (ruoncampus.rutgers.edu/helyar-house), and a residential college for women (Douglass Residential College). For housing information, visit ruoncampus.rutgers.edu.

TUITION AND FEES

For information pertaining to tuition and fees, visit Office of Student Accounting, Billing and Cashiering at studentabc.rutgers.edu.





SCHOLARSHIPS AND FINANCIAL AID

Funding for matriculated Rutgers School of Environmental and Biological Sciences students is available in a number of forms: need-based scholarships, grants, loans, and work-study funds administered by the Financial Aid Office (studentaid.rutgers.edu), merit scholarships offered by Rutgers Undergraduate Admissions and the School of Environmental and Biological Sciences, and scholarships from sources external to Rutgers University.

To be eligible for federal, state, and Rutgers University needs-based financial aid, students must complete the Free Application for Federal Student Aid (FAFSA) at fafsa.ed.gov.

For more information about the school's scholarship criteria, the application process, and website links, visit us sebs.rutgers.edu/scholarships.

STUDY ABROAD

Study in English or in another language. Go for a year, a semester, or a summer. Take regular classes, participate in an internship, or even teach in a school, work in a clinic, observe the wildlife, or savor the local cuisine all while earning Rutgers credits. The benefits of world travel are universal. Every destination has a friendly and supportive program director or international office to guide you along the way, helping you to get the most out of your experience. For more information, visit Rutgers Study Abroad at studyabroad.rutgers.edu and the school's International Programs at sebs.rutgers.edu/international.

TOURS AND INFORMATION

Tour and Information sessions are available throughout the year. Information sessions are conducted by one of the deans in the Office of Academic Programs, followed by a walking tour of the George H. Cook campus conducted by current undergraduate students. To schedule a tour of the School of Environmental and Biological Sciences, call the Office of Academic Programs at 848-932-3000 or visit sebs.rutgers.edu/tours for available dates.

ADMISSIONS

An online application is available on the Rutgers' Undergraduate Admissions website at admissions.rutgers.edu.

Admissions questions contact:
The Office of University Undergraduate Admissions
Rutgers Visitor Center
100 Sutphen Road
Piscataway, New Jersey 08854-8097
Phone: 848-445-4636

To learn more about university tours, visit admissions.rutgers.edu.



FALL APPLICATION DEADLINES

First Year, Early Action NOVEMBER 1
First Year, Regular DECEMBER 1
Transfers FEBRUARY 1

ADDITIONAL HELPFUL WEBSITES

SEBS OFFICE OF ACADEMIC PROGRAMS
sebs.rutgers.edu/academics

ATHLETICS
scarletknights.com

CAREER SERVICES
careerservices.rutgers.edu

DINING SERVICES
food.rutgers.edu

DIRECTIONS TO AND ON CAMPUS
rumaps.rutgers.edu

DISABILITY SERVICES
ods.rutgers.edu

DOUGLASS RESIDENTIAL
COLLEGE FOR WOMEN
douglass.rutgers.edu

FINANCIAL AID
studentaid.rutgers.edu

HEALTH SERVICES—
MEDICAL AND COUNSELING
health.rutgers.edu

INTERNATIONAL STUDENT SERVICES
global.rutgers.edu/international-scholars-students

LEARNING CENTERS
rlc.rutgers.edu

LIBRARIES
libraries.rutgers.edu

PARKING
rudots.rutgers.edu

PLACEMENT TESTS
oirap.rutgers.edu/testplace.html

PUBLIC SAFETY
aps.rutgers.edu

UNDERGRADUATE ACADEMIC AFFAIRS
uaa.rutgers.edu

VETERANS SERVICES
veterans.rutgers.edu



The information printed here may be subject to change without notice.
For the most up-to-date information, contact the SEBS Office of Academic Programs.



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THE STATE UNIVERSITY
OF NEW JERSEY



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