



RUTGERS

School of Environmental
and Biological Sciences



Double Degree Program

Plant Biology



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What is a double degree program?

- 2 years at NAU + 2 years at Rutgers = 2 bachelor degrees





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OFFICE OF INTERNATIONAL PROGRAMS

Dr. Mukund Karwe, Ph.D.

Dean

Office of International Programs
Faculty of Food Science

Megan Francis, M.A.

Assistant Dean

Office of International Programs

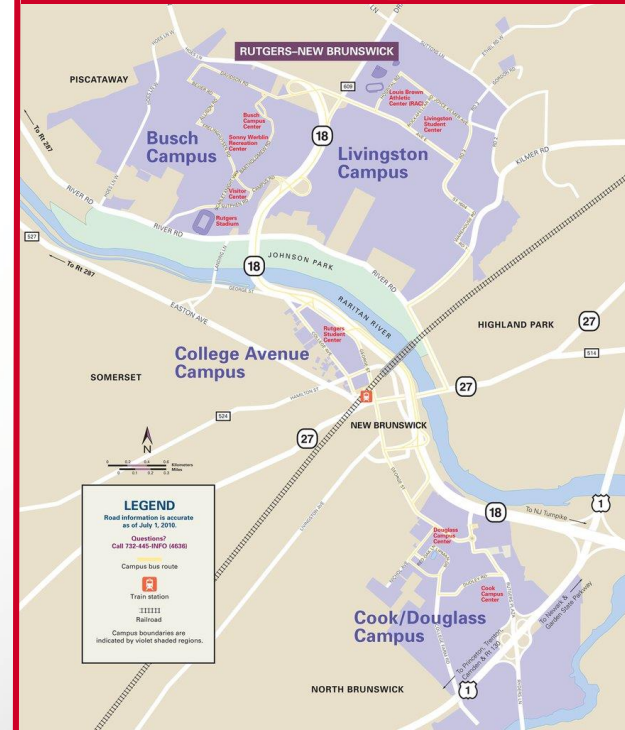
Angela Bublitz, M.A.

Program Coordinator

Office of International Programs



- 8th oldest U.S. higher education institution
- 49,428 total full and part-time students
 - 35,484 undergraduate students
 - 13,944 graduate students
- \$700 Million in Research and Development
- 1,600 National and Foreign Patents
 - Over 100 companies developed from patents
- Located 1 hour away from NYC by train/bus
- 1 hour 30 minutes to Philadelphia by train





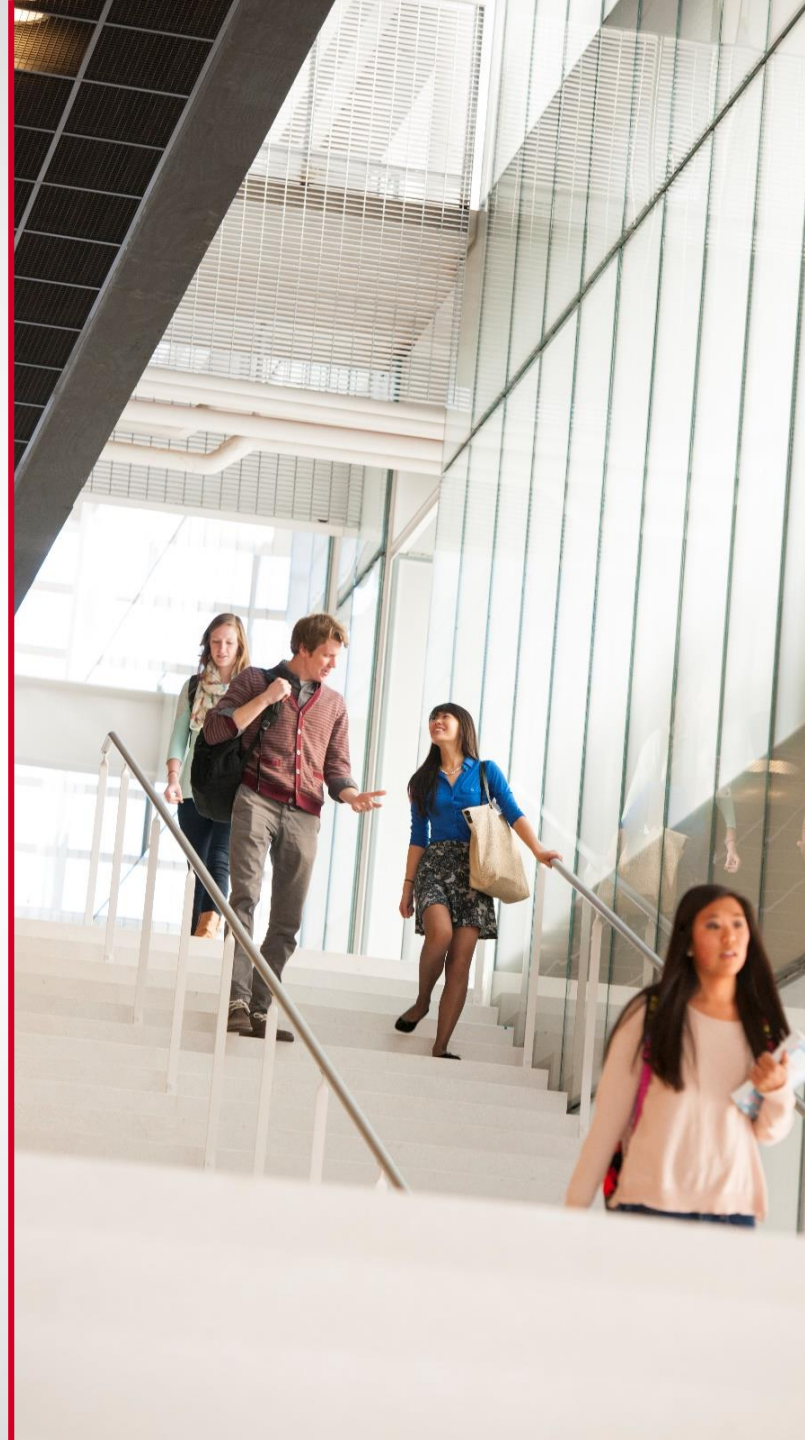
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NATIONAL STATS

TOP 100 PUBLIC UNIVERSITIES IN THE NATION

- ***Wall Street Journal***, Top Recruiter Picks/25 Hottest Colleges
- # 25 in the nation, Public National Universities, ***U.S. News & World Report: America's Best Colleges***
- Top 30 Public Colleges, ***Forbes: America's Top Colleges***
- Top 100 Worldwide, 39 in the USA, **Shanghai Jiao Tong ARWU 2017**





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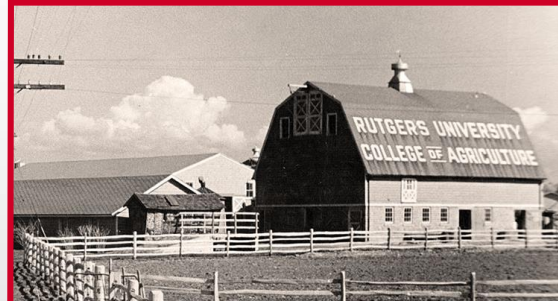
School of Environmental
and Biological Sciences

SCHOOL OF ENVIRONMENTAL AND BIOLOGICAL SCIENCES

- Small professional school
- 21 undergraduate majors, 34 minors and certificate programs
- 3,656 undergraduate students
- 324 full and part-time faculty
- 10:1 student-to-faculty ratio
- Research from a local to a global scale
- Nobel Peace Prize – cure for tuberculosis
- New Jersey Agricultural Experiment Station-Rutgers Extension



*From organisms to
ecosystems!*



MAJORS AND MINORS

**Agriculture & Food
Systems**

Animal Science

Biochemistry

Bioenvironmental
Engineering

Biological Sciences

Biotechnology

**Ecology, Evolution, &
Natural Resources**

Entomology

**Environmental &
Business Economics**

Environmental Planning &
Design

**Environmental Policy,
Institutions, &
Behavior**

**Environmental
Sciences**

Exercise Science &
Sports Studies

Food Science

Landscape Architecture

Marine Sciences

Meteorology

Microbiology

Nutritional Sciences

Plant Biology

Public Health

*USA Today/College Factual: Best
Colleges Ranking by Major in nation*

2 Biotechnology

4 Public Health

5 Natural Resource Management

6 Biochemistry, Biophysics, &
Molecular Biology

6 Biological & Biomedical
Sciences

6 Nutrition Science

7 Food Science Technology

8 Animal Science

8 Atmospheric Sciences &
Meteorology

8 Biology, General

9 Agriculture, General

9 Cell Biology & Anatomical
Sciences

16 Natural Resources &
Conservation

21 Ecology, Evolution, &
Systematics Biology

23 Agriculture & Agriculture
Operations

Times Higher Education (U.K.)
4 in the world, oceanographic
institutions

PLANT BIOLOGY

- Specialization in Turf Grass and Horticulture
- 50 faculty members interested in: molecular biology, biotechnology, natural products, plant breeding and genetic improvement, turf grass science, plant diversity, plant management, plant pathology and horticultural engineering
- Core Facility instruments: Bio-imaging, Bio-sensing, Flow cytometry, Real-time PCR, High throughput screening
- 5 NJAES research centers
- Certificates in: Medicinal and Economic Botany, Horticultural Therapy





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ADMISSIONS REQUIREMENTS

- Scientific curriculum prior to entering Rutgers must include major specifications

English proficiency:

- 79 or higher on internet-based TOEFL
- 6.5 or higher IELTS

GPA: 3.0 or higher average



APPLICATION PROCESS

Tuition: approximately \$15,000/semester

On-campus housing: \$7,500 – 13,000/semester

Meal plan: \$2,000/semester (8 meals a week)

You will need to provide:

- Complete application form online
- Application fee
- Course transcripts from all semesters at your school

Application Timeline:

Due Date	Credentials Due	Online Admissions Decision	Candidate's Reply Date
February 1	February 15	Mid-April	May 1

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**UNDERGRADUATE
ADMISSIONS**

NEW BRUNSWICK



APPLY NOW!



The 2018 application (fall and spring) is now open!
admissions.rutgers.edu/apply



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S.E.B.S ACADEMIC ADVISERS

Carol Andrew

Assistant Dean

848-932-3000

Martin Hall, Room 204

andrew@sebs.rutgers.edu

Dr. Ann Gould

Undergraduate Program Coordinator

848-932-6398

Foran Hall, Room 370

ann.gould@rutgers.edu





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ACADEMICS

Courses: minimum of 12 credits/semester

- 4-6 courses

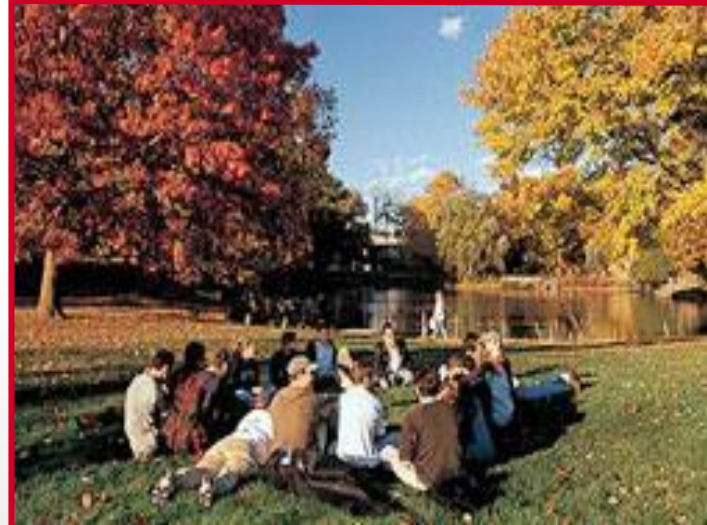
Possibility to add a major/minor/certificate!

Fall semester: early September to mid-December

Spring semester: mid-January to early May

Academic requirements:

- 128 total credits to graduate from SEBS
- 90 credits will transfer from your school
- English courses, 6 credits
- 21st Century Challenges elective
 - Analyze a contemporary global issue from a multidisciplinary perspective
- Experience-based credit



EXPERIENCE-BASED EDUCATION

REQUIRED PRACTICAL APPLICATION OF DISCIPLINARY KNOWLEDGE

- 3 credits of hands-on learning

Research

- Independent Research with faculty mentor
- George H. Cook Scholars Program
- ARESTY

Internships

- Career Services
- Departmental Internships
- Independent Study
- Work in industry

Study Abroad





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STUDY ABROAD

- Summer, winter, semester, faculty-led, Rutgers courses
- 3-8 credits
- Fulfill major or core requirements
- Scholarships available!



Renewable Energy & Sustainability, Iceland



Microbiology & Culture of Cheese & Wine, France



Public Health, Thailand



Animal Science, Belize



Coral Reef Internship, Little Cayman Island



Agricultural Leadership, The Netherlands

CAMPUS RESOURCES

- Office of International Programs
- Life on campus
 - Global Roommate Program
 - Environmental living-learning
 - 26 student lounges
 - Post Office
 - Cook Student Center
- Academic resources
 - 1st year advisors
 - academic deans
 - Tutoring/writing center
 - 2 libraries
- Health and Wellness
 - Cook Douglass Health Center
 - Cook/Douglass Recreation Center
- Dining
 - Harvest Café
 - Cook Café
 - Douglass Café
 - Dunkin Donuts
 - Starbucks truck
 - Neilson Dining Hall



CAMPUS LIFESTYLE

Living:

- Cook your own food
- Meet people of different backgrounds
- Freedom to choose your courses, dorm, etc.

Social life:

- Over 400 clubs to join
 - Involvement Fair
 - Rutgers Biology Club, Turf Club
- Lots of activities on campus!





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S.E.B.S. INTERNATIONAL PROGRAMMING

- Academic skills workshops
- Professional workshops
- Cultural and social activities
- Off-campus trips
- Personal advising





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CAREER DEVELOPMENT

- 25,000 S.E.B.S. alumni
 - Connections to industry (Biochemistry, Biotechnology, Food Science, Pharmaceuticals)
- Career Services and workshops
- One-on-one advising with us for graduate school and employment
- Pathway to graduate studies
 - Cornell, UMass, Rutgers, NYU, UC-Davis
- 4+1 Master of Business and Science
 - Horticulture & Turfgrass Science, Drug Discovery & Development, Personal Care Science





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CURRENT STUDENTS' EXPERIENCES

2+2 program:

- Greater choice of interesting classes
- More likely to get accepted into U.S. graduate schools
- Improve academic English skills

Rutgers, SEBS, New Jersey:

- Adviser exclusively for you and students in your same major
- Cultural diversity of NJ
- Ability to meet students of other majors
- Proximity to other destinations





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CONTACT US



SEBS Office of International Programs

<http://sebs.rutgers.edu/international>

Angela Bublitz

angela.bublitz@rutgers.edu

We Chat: angelabublitz

YIWEI (MELODY) WANG

Hi, Everyone. This is Melody.

My thoughts about Rutgers, if necessary need to be summarized to one word, would be versatile. It is the reason that I highly recommended you to apply for this 2+2 program as well.

Rutgers is a huge university, not only in the number of students (66,013) or the area (6,088 acres), but also the resources out there that you can make use of.

The first picture is the Rutgers Programming Association (RUPA) that I joined, which enhance my leadership experiences and social and networking skills.

The second picture was taken when I worked as an event leader with other members in my committee to lead a school-scale community services event.

The third picture was the International Student Orientation Group.

From my experiences, you can easily find that Rutgers provides students from different backgrounds and have various needs with different services and support. Rutgers aims at enhancing not only academic success, but also well-rounded campus life.

More importantly, Rutgers has a very well-developed protocol targeting on International Students. Namely, Rutgers is very friendly to international students in various aspects (including career services, on-campus living services and mental health service etc.)

Wish everyone the best luck!





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STUDENT TESTIMONIALS

"For me, the first few months here adjusting to new language, New Jersey's weather, American food, and American culture, everything is special and provides with me different perspectives. Like you can go to the library to start your study even at 11:00pm or live without rice for several months. Joining in the weather watcher living-learning community enables me live and work with American students. They are so kind and willing to help you whenever you ask them for help. Anyway, here in Rutgers, we have many opportunities to develop our interests. What's more, being so close to New York City is a great opportunity to have fun! "

- Yang Wang, Plant Biology from CAU





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STUDENT TESTIMONIALS

"对于想要有留学经验的同学来说，本科期间申请进入美国大学比研究生再申请有很大优势。首先，本科项目并没有研究生项目那么高的语言要求。刚进入罗格斯大学时接触到的课程比较基础，有助于学生熟悉语言环境以及积累专业词汇。这边的基础课程涉及的内容广，需要投入非常多的时间和精力，但是可以为后期深造提供非常好的基础。另外，罗格斯大学有很长的历史，也有很多经验丰富的教授。就环境科学专业来说，学院中的很多老师从美国有环境问题以来就参与到学科研究中。几十年来，他们见证了美国环境科学中遇到的各种问题，也熟悉各项技术的兴起与应用，因此可以向他们学到非常多的知识。最后，不得不说，留学生活的压力非常大。不熟悉的语言环境，不擅长的课程，以及衣食住行中琐碎的事情都很考验学生能力。但是，罗格斯大学与其他大学已经合作了很多年，国际处有非常友善可靠的老师为你提供帮助。不同学院也有往届师兄师姐可以为你传授经验，在这边的留学生活并不孤独。"

"本科在罗格斯就读的学生在申请研究生时也会比较便利。找老师要推荐信，邮寄成绩单，需要人帮忙修改简历都比较方便。而且2+2项目的学生申请国家奖学金比较方便，因为可以从国内的本科院校向中国国家基金委发申请。另外，罗格斯大学的研究生院也与中国国家基金委有协议，获得了国家奖学金的学生可以免除研究生期间的学费。"

- Zhiyi Song, 2+2 Environmental Sciences from SCUT, current PhD student at Rutgers

