STONY BROOK IS FOR SCHOLARS
Honors Programs
TOP 40 NATIONAL PUBLIC UNIVERSITIES
— U.S. News & World Report

TOP 100 UNIVERSITIES WORLDWIDE
— Center for World University Rankings

90% freshman retention rate

TOP 1% IN THE WORLD
— Times Higher Education World University Rankings
HONORS PROGRAMS FOR SCHOLARS LIKE YOU

Being a global citizen in today's world demands nothing less than excellence. You have already demonstrated excellence in high school. This booklet describes honors programs where you can continue your journey among the world's top scholars and prepare for a successful future in graduate school or employment.

Stony Brook, one of the world’s finest universities, offers a variety of programs to challenge, inspire and sustain our most gifted students. Enjoy hands-on, small-group learning with renowned professors at a major research institution that’s ranked among the top one percent of universities in the world. Discover who you are by taking advantage of our many opportunities for research, leadership, travel and other unique learning experiences.

Indicate your interest in the University Scholars, Honors College, WISE, Scholars for Medicine, Engineering Scholars for Medicine and Scholars for Dental Medicine when you complete the Common Application. Qualified applicants will automatically be considered for the Computer Science Honors Program, Business Honors Program and Business Leaders Program.

SCHOLARSHIPS

Stony Brook offers a variety of scholarships to new students, some of which are based on merit alone and others which take into account financial need. The majority of our scholarships require no special applications; all admitted students who are academically qualified are automatically considered for the available scholarships. Special scholarships are offered to National Merit Scholarship Competition and Intel Science Talent Research Finalists and Semifinalists, valedictorians, and salutatorians.

For more information about our honors programs, scholarships and application procedures, visit stonybrook.edu/scholars.
EN VIRONMENTAL STUDIES MAJOR
ALEXANDRA SANTIAGO HAS PARTICIPATED
IN THREE INTERNATIONAL CONFERENCES
AND TWO STUDY ABROAD PROGRAMS
WHILE AT STONY BROOK.
University Scholars

The University Scholars Program is a vibrant community of high-achieving students at Stony Brook. The program allows students to make connections with our world-class faculty, participate in numerous activities and obtain leadership and research opportunities on campus. The purpose is to create a community of learners focused around our three pillars of leadership, scholarship and service.

A four-year program, University Scholars is made up of some of the University’s most active student and community leaders. Freshmen residing on-campus have the option of living with other Scholars in their Quad and enrolling in a Scholars-only section of their first-year seminar course to help foster a greater sense of community. All Scholars are eligible to attend special symposia and field trips, obtain special academic advising throughout their career at Stony Brook, participate in the Scholars Council and Student Advisory Board, partake in a variety of outreach activities and have priority registration for classes.

Scholars in the program are typically involved in outreach initiatives on campus and in the community-at-large and are frequently the recipients of prestigious awards such as the SUNY Chancellor’s Awards, Undergraduate Recognition Awards and Provost’s Awards for academic excellence. About ten percent of Scholars participate in the Undergraduate Research and Creative Activities (URECA) celebration every year. There are approximately 250 Scholars enrolled in the program each fall.

EXAMPLES OF UNIVERSITY SCHOLARS ACTIVITIES:

- Faculty roundtables
- Academic decathlon
- Medical school: A behind-the-scenes look
- Fundraiser for Sandy Hook Elementary School victims
- Game show: “Are you smarter than a college professor?”
- Trip to New York City
- Masquerade Charity Ball
- Pi Day talent show
- Health professions panel
MATHEMATICS AND PHYSICS MAJOR
KEVIN SACKEL RECEIVED A PRESTIGIOUS CHURCHILL SCHOLARSHIP.
Honors College

The Honors College is a small community of scholars who share an interest in a broad liberal arts education, work together outside the classroom and want to stretch their intellect and curiosity. With an interdisciplinary learning environment and abundant leadership opportunities, the Honors College prepares students for positions of leadership and for graduate school.

Its distinguished faculty, a wide range of academic choices and the resources of one of the world’s top research universities make the Honors College the ideal place for students from diverse backgrounds to forge common interests and make a lasting impact on their communities.

The Honors College has a special curriculum for honors students only, taught by regular members of the faculty in small classes. You will enjoy the opportunity to engage in research and other creative endeavors with our distinguished faculty very early in your career at Stony Brook. This dynamic learning environment transcends the four walls of the classroom and continues in the residential setting. All Honors College students are housed together and are provided priority housing.

This highly selective, seminar-based program enrolls approximately 60 freshmen each year. Its students experience the individual attention and benefits typically found only in small liberal arts colleges while having access to the vast range of academic opportunities available only at a major research university. Highlights include innovative seminars, small classes and leadership opportunities.

SAMPLES OF HONORS COLLEGE MINI-COURSES:
> Race, Gender and Politics  
> The Science Behind Science Fiction  
> This Course Contains Graphic Language: Semiotics and Comics  
> Great Mysteries and Discoveries of Archaeology

HIGHLIGHTS OF THE PROGRAM:
> Priority housing and registration  
> Opportunity to work closely with faculty  
> One-on-one guidance  
> Interdisciplinary curriculum  
> Personalized advising  
> Research and creative activity  
> Capstone senior project
WiSE (Women in Science and Engineering)

WiSE is a unique program designed to encourage talented women interested in math, science or engineering. If you are considering a career in physical sciences, life sciences, computer science, information technology, math, medicine, engineering or a similar field, you will benefit from WiSE’s special enrichment courses, extracurricular activities and interaction with other like-minded women.

As a WiSE scholar, you will pursue a regular academic program, with the addition of courses developed especially for WiSE that give you first-hand experience in a variety of disciplines.

The curriculum consists of special courses designed to introduce students to the diversity and multiple opportunities within science and engineering in very personalized ways. Highlights of the program include evening programs, personalized academic advising, advanced priority registration, special residence hall, and small study groups with advanced undergraduate mentors.
The beauty of WiSE is that it combines the vast resources of a major university with the close bonds and support of a small community of like-minded students and faculty. Fifty-five to 60 students are enrolled in WiSE each year.

**FIRST-YEAR PROGRAM HIGHLIGHTS:**

- Freshman seminar (ITS 101)
- Introduction to Research (WSE 187)
- Two semesters each of math and science
- Mentoring sessions

**SOPHOMORE YEAR AND BEYOND:**

- Society and Gender in Science and Engineering (WSE 242)
- Connections in Science (PHY 311)
- Advanced math or computer science course
- Seminars in leadership and mentoring and in professional development
- Student Leadership Council (SLC)
- Independent Project in WiSE (WSE 487), WiSE Internship (WSE 488)
- Honors thesis or participation in URECA (Undergraduate Research and Creative Activities program)
Stony Brook offers an integrated eight-year program for students interested in attending medical school following their undergraduate degree. The Scholars for Medicine track offers selected students in the Honors College and WISE an opportunity to complete a combined Bachelor’s/MD while participating in pre-medical classes and activities. The Engineering Scholars for Medicine track offers selected students in the College of Engineering and Applied Sciences an opportunity to complete the rigorous training required of all engineers in ABET-accredited programs while participating in pre-med classes and activities. Students accepted into either of these tracks are reserved a seat in Stony Brook’s School of Medicine provided they complete all program requirements.

Stony Brook also offers an integrated eight-year program for students interested in attending dental school following their undergraduate degree. The Scholars for Dental Medicine program offers selected students in the Honors College an opportunity to complete a combined Bachelor’s/DDS while participating in pre-dental school classes and activities. Students accepted into the program are reserved a seat in the School of Dental Medicine provided they complete all of the requirements. U.S. citizenship or permanent residency is required for these programs.
**COMPUTER SCIENCE HONORS PROGRAM**

Stony Brook’s Computer Science Honors Program is designed to enhance the undergraduate experience for highly motivated and talented students. Students in the program attend some special, limited-enrollment classes, receive personalized academic advising sessions, get priority registration for computer science courses, enjoy a sense of community and fun social events with other honors students and faculty, and take advanced special topics courses.

**PROGRAM HIGHLIGHTS:**

» Specially designed introductory sequences that cover core computer science material at an accelerated pace

» Advanced courses on selected topics to prepare honors students for their senior research project

» Small classes taught by experienced faculty

» Academic advising sessions by the Honors Program Director

» Priority registration for computer science courses

» Preferential admission to the joint BS/MS Program in computer science


**BUSINESS HONORS PROGRAM AND BUSINESS LEADERSHIP PROGRAM**

Stony Brook’s College of Business has created two pathways to support high-achieving incoming freshman business majors to realize their goals. The Business Honors Program gives students the opportunity to work closely with a College of Business faculty member on a research project and the Business Leadership Program enables students to minor in Leadership Development. High-achieving students can either be directly invited into the program during their freshman year or apply after their first semester.

**PROGRAM HIGHLIGHTS:**

» Small classes to develop business skills through coursework and a variety of exciting topics

» Experiential learning projects designed to connect you with the business community

» Individualized career guidance and support

» Internship and study abroad opportunities

» Frequent guest speakers and trips to the NYSE

» Priority registration

**JEWELLE BROWN HAD TWO DREAM INTERNSHIPS, ONE AT MOODY’S AND THE OTHER AT BARCLAY’S INVESTMENT BANK.**
EXPERIENTIAL LEARNING

At Stony Brook, you can try out your life before you graduate. Our Career Center is a great resource for internship opportunities in nearly every field and can help you find one to match your interests.

Through our award-winning Undergraduate Research and Creative Activities (URECA) program, you can land a research project or REU (Research Experience for Undergraduates) on or off campus. Nearby Brookhaven National Laboratory offers students opportunities to work with scientists making discoveries in physics, photon sciences and nanomaterials, climate change and other critical areas.

Give back to your campus and community through a variety of leadership and community service opportunities. Every spring dozens of Stony Brook students help rebuild faraway communities through our Alternative Spring Break Outreach program. They also mentor students, work as EMTs and raise funds for cancer research.

You can experience life and learning someplace else by enrolling in one of our many study abroad programs for a summer or winter intersession, a semester or a year.

MAJORS AND MINORS

Stony Brook offers more than 200 majors, minors and combined-degree programs. Majors that offer honors programs provide excellent preparation for graduate study and often include a senior project that requires writing a thesis. Qualified students gain admission to honors programs after enrolling.

| BA – Major leading to Bachelor of Arts degree |
| BS – Major leading to Bachelor of Science degree |
| BE – Major leading to Bachelor of Engineering degree |

*Majors with honors programs *ABET accredited

| Accounting, minor |
| Adapted Aquatics, minor |
| Africana Studies, *BA & minor |
| American Studies, BA & minor |
| Anthropology, *BA & minor |
| Applied Mathematics & Statistics, BS & minor |
| Art History & Criticism, *BA & minor |
| Art, Studio, *BA & minor |
| Asian & Asian American Studies, *BA & minor |
| Astronomy/Planetary Sciences, *BS & minor |
| Athletic Training, BS |
| Atmospheric & Oceanic Sciences, *BS |
| Biochemistry, *BS |
| Bioengineering, minor |
| Biology, *BS & minor |
| Biomaterials, minor |
| Biomedical Engineering, *BE |
| Business Management, *BS & minor |
| Chemical & Molecular Engineering, *BE |
| Chemistry, *BS, BA & minor |
| China Studies, minor |
| Cinema & Cultural Studies, *BA & minor |
| Civil Engineering, BE |
| Classical Civilization, minor |
| Clinical Laboratory Sciences, BS |
Coastal Environmental Studies, BS & minor
Community Service Learning, minor
Comparative Literature, *BA & minor
Computer Engineering, **BE & minor
Computer Science, **BS & minor
Creative Writing & Literature, minor
Dance, minor
Digital Arts, minor
Earth & Space Sciences, BA
Economics, *BA
Ecosystems & Human Impact, BA & minor
Electrical Engineering, **BE & minor
Electrical Engineering Online, BS (upper-division only)
Electronic, Optical & Magnetic Materials, minor
Engineering Majors: See alphabetical listings for Biomedical Engineering, Chemical & Molecular Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Engineering Science, Mechanical Engineering, and other majors.
Engineering Chemistry, BS
Engineering Composites, minor
Engineering Science, *BE
Engineering & Technology
Entrepreneurship, minor
English, *BA & minor
Environmental Design, Policy & Planning, BA & minor
Environmental Engineering, minor
Environmental Humanities, BA & minor
Environmental Studies, *BA & minor
European Studies, BA & minor
French Language & Literature, *BA & minor
Geology, *BS & minor
German Language & Literature, *BA & minor
Health Science, BS
Health & Wellness, minor
Hellenic Studies, minor
History, *BA & minor
Information Systems, BS & minor
International Studies, minor
Italian American Studies, minor
Italian Studies, *BA & minor
Japanese Studies, minor
Jazz Music, minor
Journalism, BA & minor
Judaic Studies, minor
Korean Studies, minor
Latin American & Caribbean Studies, minor
Leadership Development, minor
Linguistics, *BA & minor
Manufacturing Engineering, minor
Marine Sciences, *BS & minor
Marine Vertebrate Biology, *BS Materials Science, minor
Mathematics, *BS & minor
Mechanical Engineering, *BE & minor
Media Arts, minor
Medieval Studies, minor
Middle Eastern Studies, minor
Multidisciplinary Studies, *BA
Music, *BA & minor (audition required)
Music & Technology, minor
Nanootechnology Studies, minor
Nursing, BS (upper-division only)
Optics, minor
Pharmacology, *BS
Philosophy, *BA & minor
Physical Metallurgy, minor
Physics, *BS & minor
Political Science, *BA & minor
Psychology, *BS, BA
Religious Studies, *BA & minor
Respiratory Care, BS
Russian Studies, minor
Social Work, BS (upper-division only)
Sociology, *BA
South Asian Studies, minor
Spanish Language & Literature, *BA & minor
Sustainability Studies, BA & minor
Technological Systems Management, BS & minor
Theatre Arts, *BA & minor
Women's & Gender Studies, *BA & minor
Writing, minor

PRE-LAW/PRE-MED
Knowledgeable pre-med and pre-law advisors provide guidance to undergraduates majoring in any discipline. Students seeking entrance to medical and law schools may select any major.

UNDERGRADUATE SECONDARY TEACHER PREPARATION*

- Biology
- French
- Chemistry
- German
- Social Studies
- Chinese
- Italian
- Spanish
- Earth Science
- Japanese
- TESOL (K-12)
- English
- Mathematics

*Accredited by NCATE

COMBINED-DEGREE PROGRAMS

Use graduate credits toward your undergraduate degree and complete both degrees in five years.

FAST TRACK MBA DEGREE PROGRAM

Earn an MBA along with your choice of undergraduate major (BA, BS and selected BE programs).

OTHER COMBINED-DEGREE PROGRAMS:

- Applied Mathematics & Statistics, BS/MS
- Applied Mathematics & Statistics, BS/Public Health, MPH
- Art History & Criticism, BA/MA
- Biochemistry, BS/Chemistry, MS
- Biomedical Engineering, BE/MS
- Chemistry, BS/MS, BS/MAT

Computer Engineering, BE/MS
Computer Engineering, BE/Electrical Engineering, MS
Computer Science, BS/MS
Earth Science, BA/MAT
Earth & Space Sciences, BA/MPH
Electrical Engineering, BE/MS
Electrical Engineering, BE/Computer Engineering, MS
Engineering Chemistry, BS/Chemistry, MS
Engineering Chemistry, BS/Materials Science, MS
Engineering Science, BE/Materials Science, MS
English, BA/MA
French, BA/MAT
Health Science, BS/Occupational Therapy, MS
History, BA/MAT, BA/MA
Italian, BA/MAT
Linguistics, BA/MA (TESOL)
Marine Science, BS/Atmospheric Science, MS
Mathematics, BS/MAT
Mechanical Engineering, BE/MS
Pharmacology, BS/MPH
Physics, BS/MAT
Political Science, BA/Public Policy, MA
Spanish, BA/MAT
Theatre Arts, BA/MA
Women's & Gender Studies, BA/MPH
A GREAT VALUE

Stony Brook’s honors programs represent a great value. But don’t take our word for it. Stony Brook is ranked 16th among public universities with highest return on investment by PayScale.com. And Kiplinger ranks us among the top 25 best values in public colleges and universities.

2013–2014 Estimated Yearly Costs* for Full-Time Undergraduates

<table>
<thead>
<tr>
<th></th>
<th>New York State Resident</th>
<th>Out-of-State Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUITION</td>
<td>$ 5,870</td>
<td>$ 17,810</td>
</tr>
<tr>
<td>FEES</td>
<td>$ 2,114</td>
<td>$ 2,114</td>
</tr>
<tr>
<td>ROOM AND BOARD</td>
<td>$ 11,370</td>
<td>$ 11,370</td>
</tr>
<tr>
<td>DIRECT ANNUAL COSTS</td>
<td>$19,354</td>
<td>$31,294</td>
</tr>
</tbody>
</table>

*All charges are subject to change without notice. Costs may vary, depending on the meal plan and housing selected. Students also will require financial resources to cover additional costs for books, supplies, travel and miscellaneous items. Full-time students without health insurance will be required to enroll in the student health insurance program.

stonybrook.edu/admissions

Photos: Courtesy of Brookhaven National Laboratory, F. Gaylor Photography, John Griffin/Office of Communications, Sam Levitan, Juliana Thomas.

Stony Brook University/SUNY is an affirmative action, equal opportunity educator and employer. 13041221
COME VISIT

1,040 acres
60 miles east of NYC
10 miles of bike paths
4 season climate
3 miles from the beach
1 railroad stop on campus
One of only 10 universities nationwide to combine research with undergraduate education

— National Science Foundation

#16 Public University with Highest ROI

— PayScale.com

Top 25 Best Value Public University

— Kiplinger