



STONY BROOK  
SOUTHAMPTON

# High School Scholars Program

★ *Fall 2007* ★

## PROGRAM DESCRIPTION

The Stony Brook Southampton High School Scholars Program presents an exciting opportunity for high school juniors and seniors to complement their studies by enrolling in courses not traditionally included in the secondary school curriculum. Students enrolling in the **courses listed on the back of this brochure** participate in regular college classes on the Stony Brook Southampton campus in the afternoon and evening. This program helps high school students develop the skills necessary for a successful college career, familiarizes them with the demands of university coursework, and introduces them to the learning environment and resources of a major university before they enter college full time.

Stony Brook Southampton High School Scholars are enrolled at Stony Brook Southampton as part-time, non-matriculated students. Upon completion of a course, students may request an official transcript from the Office of the Registrar and may later use these credits towards a degree at Stony Brook or as transfer credits at another college or university. Program participants are responsible for their own transportation. Parking is available in designated parking lots.

### WHO SHOULD APPLY?

The Stony Brook Southampton High School Scholars Program is designed for high school juniors and seniors whose academic performance indicates a readiness for college work and whose schedules can accommodate the time commitment required. This group includes those who have exhausted their high school's curriculum in a particular subject, as well as those who would like to learn about subjects not offered in their school. Participation in the program usually requires about 10 to 15 hours per week, including class attendance, readings, and completing assignments.

### WHAT ARE THE EXPENSES?

Program participants are responsible for payment of a \$100 per course program fee, which is considerably less than regular tuition. This fee is non-refundable once the student is admitted to the program. In addition, you are responsible for purchasing any required textbooks and paying any course-specific fees. Regular tuition and college fees are waived.

### HOW DO I APPLY?

Complete and submit the application on the inside of this brochure no later than Friday, June 22, 2007. Fax or mail your application, a copy of your high school transcript, the Meningitis Information Response Form, and payment for \$100 to the address or fax number provided on the application.

Your application requires signatures of approval from your guidance counselor or principal and from your parent or guardian. Please specify the course number and section preferences on the application. Students accepted into the program may take one course each semester. Requests for two courses will be considered on an individual basis. Many courses are limited in size; therefore, you should apply as early as possible.

### For more information:

★ visit [www.stonybrook.edu/southampton](http://www.stonybrook.edu/southampton) ★

★ call (631) 632-5035 ★

★ e-mail [joinsouthampton@stonybrook.edu](mailto:joinsouthampton@stonybrook.edu) ★

## ACADEMIC CALENDAR

Sept. 4, Tuesday:	Classes begin
Sept. 12-14, Wed-Fri:	Rosh Hashanah – Classes are not in session after 5 pm on Wed. through Friday
Sept. 19, Wednesday:	Last day to drop a course without a “W” (withdrawal) being recorded
Sept. 21, Friday:	Yom Kippur – Classes are not in session after 5 pm
Nov. 5, Monday:	Last day to drop a course (“W” will be recorded)
Nov. 20, Tuesday:	Correction Day- Classes follow a Thursday schedule
Nov. 21, Wednesday:	Correction Day-Day Classes (8 am-5 pm) follow Friday schedule; Evening Classes (5 pm & later) follow a Wednesday schedule
Nov. 22-23, Thurs-Fri:	Thanksgiving Break – Classes are not in session
Dec. 14, Friday:	Last day of classes
Dec. 17, Monday:	Final examinations begin for courses Monday – Friday
Dec. 21, Friday:	Final examinations end; fall semester ends.

\*Students must be careful to avoid conflicts between their high school schedule and final examination schedule. Instructors are not obligated to give make up examinations to students.



This publication is available in alternate format upon request.

Stony Brook University is an affirmative action/equal opportunity educator and employer.

# CHARGE CARD AUTHORIZATION FOR PROGRAM FEE

# BURSAR

I hereby authorize payment of \$100 for the Stony Brook Southampton High School Scholars Program Fee - Fall 2007 (IFR Acct. #900303)

Check One:       VISA                       MASTERCARD                       DISCOVER                       AMERICAN EXPRESS

Account # \_\_\_\_\_ Expiration Date \_\_\_\_\_  
month year

Cardholder's Signature \_\_\_\_\_ Date \_\_\_\_\_

Name of Student \_\_\_\_\_ Home Phone \_\_\_\_\_

Address \_\_\_\_\_ Cell Phone \_\_\_\_\_

\_\_\_\_\_ E-mail \_\_\_\_\_

Student's Birth Date \_\_\_\_\_ Student's Social Security # \_\_\_\_\_  
optional

**ATTACH AND SUBMIT THIS FORM OR A CHECK FOR \$100  
WITH YOUR STONY BROOK SOUTHAMPTON HIGH SCHOOL SCHOLARS PROGRAM APPLICATION**

# MENINGITIS INFORMATION RESPONSE FORM

On July 22, 2003, Governor Pataki signed New York State Public Health Law (NYSPHL) 2167 requiring institutions, including colleges and universities, to distribute information about meningococcal disease and vaccination to all students. Stony Brook Southampton University requires that all university students submit this form prior to registration.

Check one box and sign below.

I have (for students under the age of 18: My child has:)

had the meningococcal meningitis immunization (Menomune) within the past 10 years.  
Date received: \_\_\_\_\_

read, or have had explained to me, the information regarding meningococcal meningitis disease. I understand the risks of not receiving the vaccine. I have decided that I (my child) will not obtain immunization against meningococcal meningitis disease.

Signed \_\_\_\_\_ Date \_\_\_\_\_  
(Parent / Guardian if student is a minor)

Student Name \_\_\_\_\_ Student Date of Birth \_\_\_\_\_  
Month/Day/Year

Student Stony Brook ID # \_\_\_\_\_ Student Social Security # \_\_\_\_\_  
optional

Student E-mail Address \_\_\_\_\_

Student Home Phone # \_\_\_\_\_ Student Cell Phone # \_\_\_\_\_

Mailing Address \_\_\_\_\_

**ATTACH AND SUBMIT THIS FORM WITH YOUR  
STONY BROOK SOUTHAMPTON HIGH SCHOOL SCHOLARS PROGRAM APPLICATION**



STONY BROOK  
SOUTHAMPTON

# High School Scholars Program

## Application for Fall 2007

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ M.I. \_\_\_\_\_

Male  Female Date of Birth: \_\_\_\_\_ Social Security No. #: \_\_\_\_\_  
month/day/year (optional)

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ County: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_ Telephone: ( ) \_\_\_\_\_

Email (required) \_\_\_\_\_

U.S. Citizen  Permanent Resident If not a US citizen or permanent resident, indicate your visa type: \_\_\_\_\_

Possible College Major: \_\_\_\_\_ If you wish to identify yourself as a disabled student, check here

### Indicate the course in which you wish to enroll (see course descriptions on reverse):

- |                          |            |                            |                    |                |           |
|--------------------------|------------|----------------------------|--------------------|----------------|-----------|
| <input type="checkbox"/> | AMS 102:08 | Elements of Statistics     | Monday & Wednesday | 3:50-5:10 p.m. | 3 credits |
| <input type="checkbox"/> | AMS 102:09 | Elements of Statistics     | Tuesday & Thursday | 3:50-5:10 p.m. | 3 credits |
| <input type="checkbox"/> | AST 101:02 | Introduction to Astronomy  | Monday & Wednesday | 2:20-3:40 p.m. | 3 credits |
| <input type="checkbox"/> | CHE 131:04 | General Chemistry IB       | Monday & Wednesday | 4:15-6:40 p.m. | 4 credits |
| <input type="checkbox"/> | CHE 133:08 | General Chemistry Lab I    | Tuesday & Thursday | 5:50-8:10 p.m. | 1 credit  |
| <input type="checkbox"/> | ENS 101:01 | Prospects for Planet Earth | Monday & Wednesday | 2:20-3:40 p.m. | 3 credits |
| <input type="checkbox"/> | MAR 104:02 | Oceanography               | Tuesday & Thursday | 5:20-6:40 p.m. | 3 credits |
| <input type="checkbox"/> | MUS 101:92 | Introduction to Music      | Tuesday & Thursday | 2:20-3:40 p.m. | 3 credits |
| <input type="checkbox"/> | PHI 105:08 | Politics and Society       | Monday & Wednesday | 5:20-6:40 p.m. | 3 credits |
| <input type="checkbox"/> | POL 101:03 | World Politics             | Monday & Friday    | 3:50-5:10 p.m. | 3 credits |
| <input type="checkbox"/> | THR 105:07 | Acting I                   | Monday & Wednesday | 5:20-7:20 p.m. | 3 credits |

Signature of Applicant: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Parent/Guardian: \_\_\_\_\_ Date: \_\_\_\_\_

Have you previously taken a course at Stony Brook or Stony Brook Southampton?  No  Yes

If yes, please provide your Student ID#: \_\_\_\_\_

### To be completed by secondary school guidance counselor/principal as indication of support for student's application

Name of High School	Grade Point Average	Expected Date of Graduation
---------------------	---------------------	-----------------------------

Printed Name of High School Counselor	High School Counselor Signature	Date
---------------------------------------	---------------------------------	------

**FAX** the following to (631) 632-5060  
Attention: Southampton High School Scholars Program:

- Your High School Scholars Program application
- A charge card authorization form for the \$100 non-refundable program fee
- Your Meningitis Information Response Form
- A copy of your high school transcript

**MAIL** your application with a check made payable to Stony Brook University for the \$100 non-refundable program fee, your Meningitis Information Response Form, and a copy of your transcript to:  
Stony Brook Southampton High School Program  
Office of Undergraduate Admissions  
102 Chancellors Hall  
239 Montauk Highway  
Southampton, NY 11968

**RECOMMENDED APPLICATION DEADLINE: FRIDAY, JUNE 22, 2007**



STONY BROOK  
SOUTHAMPTON

# High School Scholars Program

★ *Fall 2007* ★

## COURSES

### AMS 102

LEC 08 Monday/Wednesday 3:50-6:10 p.m.

Final Exam: Wednesday, December 19, 5:00-7:30 p.m.

LEC 09 Tuesday/Thursday 3:50-5:10 p.m.

Final Exam: Thursday, December 20, 2:00-4:30 p.m.

The use and misuse of statistics in real life situations; basic statistical measures of central tendency and of dispersion, frequency distributions, elements of probability, binomial and normal distributions, small and large sample hypothesis testing, confidence intervals, chi square test, and regression. Prerequisite: Completion of Pre-Calculus. 3 credits

### AST 101 Introduction to Astronomy

LEC 02 Monday/Wednesday 2:20-3:40 p.m.

Final Exam: Wednesday, December 19, 2:00-4:30 p.m.

Description of planets, stars, galaxies, black holes, pulsars, quasars, supernovae, and white dwarfs. Man's place in the cosmos.

Cosmological and cosmogonical theories. Two hours of lecture and one hour of recitation per week. Prerequisite: Completion of Pre-Calculus. 3 credits

### CHE 131 General Chemistry IB

LEC 04 Monday/Wednesday 4:15-6:40 p.m.

Final Exam: Monday, December 17, 11:00 a.m. - 1:30 p.m.

A broad introduction to the fundamental principles of chemistry, including substantial illustrative material drawn from the chemistry of inorganic, organic, and biochemical systems. The principal topics covered are stoichiometry, the states of matter, chemical equilibrium and introductory thermodynamics, electrochemistry, chemical kinetics, electron structure and chemical bonding, and chemical periodicity. The sequence emphasizes basic concepts, problem solving, and factual material. It provides the necessary foundation for students who wish to pursue further coursework in chemistry. This sequence is inappropriate for students who have completed two or more years of chemistry in high school or those whose high schools offer AP Chemistry. Three lecture hours and one 80-minute workshop per week. Corequisite: AP Calculus (AB or BC). CHE 132-E General Chemistry. 4 credits

### CHE 133 General Chemistry Lab I

LEC 08 Tuesday/Thursday 5:50-8:10 p.m.

Final Exam: Wednesday, December 19, 11:00 a.m. - 1:30 p.m.

Designed to familiarize students with (1) some chemical and physical properties of substances, (2) techniques of quantitative chemistry, and (3) scientific methodology. Four hours of laboratory and discussion per week. Pre- or Corequisite: CHE 131 or AP Chemistry with a score of 4 or 5. 1 credit

### ENS 101 Prospects for Planet Earth

LEC Monday/Wednesday 2:20-3:40 p.m.

Final Exam: Wednesday, December 19, 2:00-4:30 p.m.

An introduction for non-science majors to global environmental change. Exploration of the natural science of Earth's environment; the scientific, socioeconomic, and political issues that influence human impact on the global environment and responses to environmental changes; the strategies for humans to live in greater harmony with planet Earth. Global issues are related to the particular issues of the United States, the Northeast, and the greater metropolitan New York City-Long Island area. 3 credits

### MAR 104 Oceanography

LEC 02 Tuesday/Thursday 5:20-6:40 p.m.

Final Exam: Thursday December 20, 5:00-7:30 p.m.

An examination of the World Ocean and the processes that control its major features and the life that inhabits it. Suitable for non-science majors. 3 credits

### MUS 101 Introduction to Music

LEC 92 Tuesday/Thursday 2:20-3:40 p.m.

Final Exam: Tuesday, December 18, 5:00-7:30 p.m.

The basic concepts of music such as melody, harmony, rhythm, counterpoint, and form are studied through investigation of the historical and contemporary masterpieces of the Western classical tradition, of various non-Western musics, and of various "popular" traditions. The different styles and types of music are considered not only in light of the cultural values they embody, but also in relation to present-day cultural and musical values. No previous musical training is assumed. 3 credits

### PHI 105 Politics and Society

LEC 08 Monday/Wednesday 5:20-6:40 p.m.

Final exam: Monday, December 17, 5:00-7:30 p.m.

An historical introduction to philosophy through an analysis of political theories, theories of action, and styles of political life. Main themes include the relation of the individual to the state, the scope of social responsibility, and the nature of human freedom. 3 credits

### POL 101 World Politics

LEC 03 Monday/Friday 3:50-5:10 p.m.

Final exam: Thursday, December 20, 5:00-7:30 p.m.

Analysis of the basic concepts and issues of international relations in the contemporary international system. The behaviors of states and their decision makers are considered according to various models of national and international conflict. The relationship between the characteristics of nations and their foreign policies is studied on a comparative basis. 3 credits

### THR 105 Acting I

LEC 07 Monday/Wednesday 5:20-7:20 p.m.

Final exam: Monday, December 17, 5:00-7:30 p.m.

The basic vocabulary and skills of the actor's craft. Students explore acting techniques through theatre games and improvisation. 3 credits