

A large graphic featuring a stylized sun with rays and several daisy-like flowers. The sun is a white semi-circle with rays extending upwards, set against a solid orange background. Below the sun are several white-outlined daisy flowers of varying sizes and orientations. The entire graphic is centered on the page.

***New Dates!***

**Term I:**

May 28 to July 9

**Term II:**

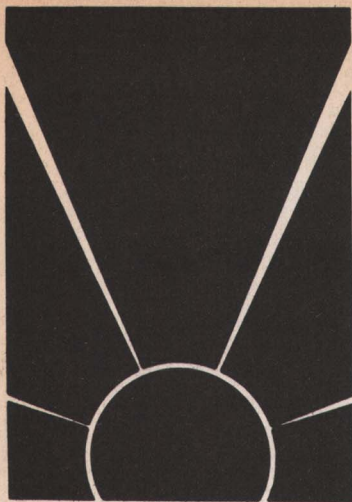
July 10 to August 20

**1985**

**SummerSession**

STATE UNIVERSITY OF NEW YORK AT  
**Stony Brook**

Hotline:  
**(516) 246-6559**



## Academic Calendar

### Term I

#### MAY 28 to JULY 9

##### **APRIL 29, Monday through MAY 24, Friday**

In-person registration and payment of fees for Summer Session Terms I and II, 10 a.m. to 4 p.m., Monday through Friday.

##### **APRIL 30, Tuesday through MAY 10, Friday**

Students apply in person or by mail for summer housing.

##### **APRIL 30, Tuesday**

In-person registration extended from 10 a.m. to 7 p.m.

##### **MAY 15, Wednesday**

Deadline for receipt of undergraduate mail registrations for Terms I and II. (No mail registration for graduate students.)

##### **MAY 22, Wednesday**

In-person registration extended from 10 a.m. to 7 p.m.

##### **MAY 24, Friday**

Last day to register for Term I without paying late fee.

##### **MAY 27, Monday**

**Memorial Day Holiday** (no registration).

##### **MAY 27, Monday**

Summer Session residence halls open at 1 p.m.

##### **MAY 28, Tuesday**

**Classes begin for Term I students.** Late registration period begins with \$20 late fee assessed.

##### **MAY 30, Thursday**

Senior citizen auditor program registration (telephone 246-3305 for information).

##### **JUNE 3, Monday**

Late registration period ends for Term I; last day to add a Term I course; last day to drop a Term I course without a W being recorded.

##### **JUNE 4, Tuesday through JULY 9, Tuesday**

In-person registration and payment of fees continues for Summer Session Term II students not previously registered, 10 a.m. to 4 p.m., Monday through Friday.

##### **JUNE 11, Tuesday**

Last day for Term I undergraduate and graduate students to file applications for August graduation. Undergraduates file at Office of Records, graduate students (except CED) file at Graduate School office, CED graduate students file at CED office.

##### **JUNE 24, Monday**

Last day to drop a Term I course or withdraw from the Summer Session; last day for undergraduate students to change Term I courses to or from Pass/No Credit.

##### **JULY 4, Thursday**

**Independence Day Holiday** (no classes or registration).

##### **JULY 9, Tuesday**

Term I ends—final grades due in Registrar's office 72 weekday hours after last class meeting. Last day to register for Term II without paying late fee. Students registered for Term I only must vacate residence halls by 5 p.m. Summer Term II residence hall check-in between 2 p.m. and 6 p.m.

### Term II

#### JULY 10 to AUGUST 20

##### **JULY 10, Wednesday**

**Classes begin for Term II students.** Late registration period begins with \$20 late fee assessed.

##### **JULY 12, Friday**

Senior citizen auditor program registration (telephone 246-3305 for information).

##### **JULY 16, Tuesday**

Late registration period ends for Term II; last day to add a Term II course; last day to drop a Term II course without a W being recorded.

##### **JULY 24, Wednesday**

Last day for Term II undergraduate and CED graduate students to file applications for August graduation. Undergraduates file at Office of Records, CED graduate students file at CED office.

##### **AUGUST 6, Tuesday**

Last day to drop a Term II course or withdraw from the Summer Session; last day for undergraduate students to change Term II courses to or from Pass/No Credit.

##### **AUGUST 20, Tuesday**

Summer residents who have fall 1985 room assignments will move to their fall room assignments. All other summer session students vacate summer housing by 5 p.m.

##### **AUGUST 20, Tuesday**

Summer Session ends—final grades due in Registrar's office 72 weekday hours after last class meeting. Summer residence halls close at 5 p.m.

##### **AUGUST 23, Friday**

Last day for departments to submit Completion Statements for August master's and doctoral degree candidates.

##### **NOVEMBER 1, Friday**

Last day to change an I (incomplete) to a letter grade.

This bulletin lists all the courses, both graduate and undergraduate, that are offered at Stony Brook during the Summer Session. It also contains sections on summer activities, student services, academic assistance, and special programs. In addition, the bulletin includes information on registration, tuition and fees, and housing. The back of the bulletin contains application forms for mail registration (open to visiting students only) and for summer housing.

The introduction to the course listings explains the course designator system and the policies on course changes or cancellations. Every effort will be made to contact the students registered if a course should be cancelled (a rare occurrence) and to assist them in registering for another course. Therefore, it is important that the Summer Session office have current addresses and telephone numbers for all summer students.

Students frequently fail to read about registration procedures and the University's academic policies. This can result in students being closed out of classes or other problems. Therefore, some particular points to remember are noted below:

1. **Students must pay when registering.** Failure to include payment with a mail registration form will delay registration, as will sending incorrect payment. A fee computation worksheet is included on the back of the mail registration form in this bulletin. Students should take the time to fill it out accurately.
  2. **Different applications are used by current Stony Brook undergraduates, visiting students, and graduate students.** The deadline and application procedures for registration for each of these groups are described in the Registration section of this bulletin.
  3. The Summer Session office can do the initial registration only for visiting students registering by mail. All students wishing to add or drop a course must do so in person at the Registrar's office.
  4. Students who wish a transcript must fill out a transcript request form at the Registrar's office. All courses ever taken at Stony Brook are included on a cumulative, chronological record. The Registrar's office does not issue partial transcripts.
  5. Visiting students should ascertain from their "home" school that the course(s) they plan to take at Stony Brook are transferrable to that institution. This may require prior approval from the school.
  6. Some of Stony Brook's summer courses require prerequisites or permission of the department before registering. Prospective students should call (516) 246-5000 and ask to be connected to the appropriate department if permission is required.
  7. **Summer housing is open only to students enrolled in courses.** This bulletin gives complete information about summer housing, its regulations, and application procedures. Summer housing is limited, so students should pay particular attention to the housing application dates.
  8. **Withdrawal from courses is a two-step process.** The student must fill out a drop form at the Registrar's office and then apply at the Student Accounts office for any refund that may be due. Failure to officially withdraw from a course will result in a grade of F. The deadlines and procedures for adding or dropping courses and obtaining refunds are all included in the bulletin and are strictly adhered to.
  9. **Admission to the Summer Session does not imply admission to the academic year programs.** Students must apply separately for admission to the fall or spring semesters.
  10. A summer academic calendar is included on the inside front cover of this bulletin. All deadlines and important dates are listed on the calendar.
- Detailed information about all of the above is included in this bulletin.

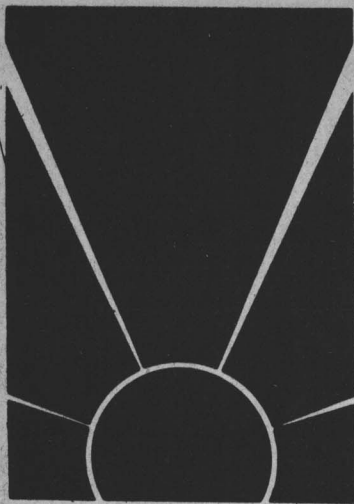


## How to Use This Bulletin

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**Photos by:**  
Hesso Bellem  
Pat Costello  
Specula



## Admissions and Registration Information

### Summer Admission Policy

Stony Brook has a policy of open admission during the summer. Students who wish to take undergraduate courses must be graduates of an approved secondary school or equivalency program. Students who wish to take graduate courses must hold a bachelor's degree from an accredited four-year college or university. All summer students should be aware that admission to the Summer Session does not constitute admission, either as a matriculated or nonmatriculated student, to the academic year programs.

### Academic Year Admission

Undergraduates who wish to enter a degree program in the fall or spring semester following their summer studies should write to or call the Admissions Office, SUNY at Stony Brook, Stony Brook, NY 11794-1901; telephone (516) 246-5126. Prospective graduate students should contact the Graduate School, SUNY at Stony Brook, Stony Brook, NY 11794-4433; telephone (516) 246-5945.

### High School Student Admission

Qualified high school students who will complete their junior year in June 1985 may take introductory-level summer courses upon the recommendation of their high school guidance office. For further information about admissions procedures and summer orientation for high school students, write to or call the Office of the Summer Session, N-213 Social and Behavioral Sciences, SUNY at Stony Brook, Stony Brook, NY 11794-4317; telephone (516) 246-6559.

### Students Not Currently Enrolled at Stony Brook

#### Undergraduate Students

Undergraduate students new to Stony Brook (freshman and transfer students admitted for fall 1985), undergraduate students returning from a term prior to spring 1985, and visiting students should complete the registration form in the back of this bulletin. This form may be either mailed or used for in-person registration (see Registration Procedures, which follows). *This form may not be used by current Stony Brook students.*

#### High School Student Registration

High school juniors wishing to take lower-division (100- and 200-level) courses should obtain an Application for Admission to Summer Session from their school's guidance department or from the Summer Session office, SUNY at Stony Brook, Stony Brook, NY 11794-4317; telephone (516) 246-6559. This form must be signed by the student and the guidance department and returned in person or by mail with the registration form from the back of this bulletin.

A special orientation for all high school students attending Term II of the Summer Session will be scheduled during the week of July 7. Students wishing to attend this orientation should contact the Orientation Office at (516) 246-7003 or the Summer Session office at (516) 246-6559 for further information.

#### Graduate Student Registration

Graduate students not attending Stony Brook and graduate students returning from a term prior to spring 1985 who wish to take graduate courses during summer 1985 must apply to the Center for Continuing Education as Graduate Special Students (GSP). All graduate students must register in person.

To obtain a GSP registration form, write to or call the Center for Continuing Education (CED), N-201 Social and Behavioral Sciences Building, SUNY at Stony Brook, Stony Brook, NY 11794-4310; telephone (516) 246-5936. Or, pick one up in person between the hours of 9 a.m. and 5 p.m., Monday through Friday, or during evening registration until 7 p.m. on April 30 and May 22.

Please note that students may register only until 4 p.m., except on April 30 and May 22. Therefore, it is advisable to plan to pick up a GSP registration form by 3 p.m. in order to register the same day, unless the student plans to register another time.

All graduate students, including CED graduate students, must register in person for the summer. For the convenience of graduate students who are unable to come to campus during the day, two evening registrations will be held until 7 p.m. on Tuesday, April 30, and Wednesday, May 22.

### **Current Stony Brook Student Registration**

Stony Brook students, both graduate and undergraduate, who are enrolled for classes in spring 1985 will receive in the mail an Authorization-to-Register form early in April, along with preregistration material for fall 1985. This form should be used to register in person for summer classes (see In-Person Registration Procedures, which follows). *Current Stony Brook students may not use the enclosed registration form and may not register by mail.* Any mail registrations received from current Stony Brook students will be returned without processing.

### **Academic Load**

Eight credit hours is normally considered the maximum credit load for which a student may register during each of the two summer terms. Students wishing to enroll for more than eight credits in each term must obtain permission from the appropriate academic standing committee (entering or continuing Stony Brook students) or from the Director of the Summer Session (visiting summer students). Visiting students should submit a letter from their college or university giving them permission to take more than eight credits per term.

### **Mail Registration**

Only undergraduate students who do not attend Stony Brook may register by mail. To do so, send the Registration Form, Housing Application (if housing is desired), and the completed Fee Computation Worksheet along with payment in full, to: P. O. Box 619, Department SS, Stony Brook, NY 11790. No registration will be processed unless accompanied by payment or by the appropriate credit card information.

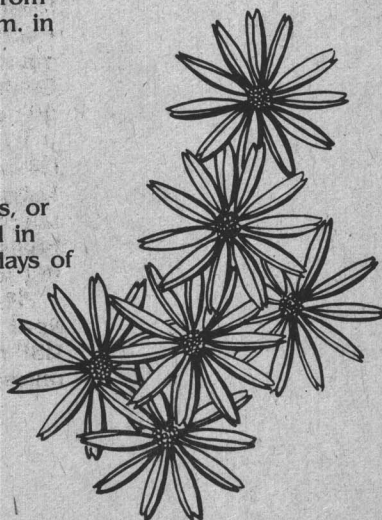
Mail registration can be accepted only until May 15 for either or both summer terms. A payment receipt and confirmation of registration, along with a list of course locations, will be returned to you by mail at the end of May. If mail registration forms are received after May 15 or do not include payment, they cannot be processed and will be returned to the sender. Please note that housing applications must be received by May 10.

### **In-Person Registration**

Daytime in-person registration is open to *all* students. Registration for either or both summer terms will take place Monday through Friday from April 29 through May 24, between 10 a.m. and 4 p.m. in the Administration Building, 2nd floor lobby. No registration will be held on Monday, May 27 (Memorial Day) or Thursday, July 4. Registrations for Term II will continue to be accepted Monday through Friday from June 4 through July 9 (except July 4), between 10 a.m. and 4 p.m. in the Administration Building. Students are urged to register early, however, to avoid possible delays and closed courses.

Students who cannot register during the day may register on Tuesday, April 30 and Wednesday, May 22 until 7 p.m. in the Administration Building.

All fees, including housing fees, must be paid at the time of registration. Students who have tuition waivers, fellowships, grants, or approved deferments should have all necessary forms completed in advance. Late registration will be permitted during the first five days of each term and will require payment of a \$20 late fee.





## **Registration Procedures**

### **Step 1. Admission to Registration**

Bring your Authorization-to-Register (ATR) form, ID card (if you have one), and course selections with you to the Office of Records/Registrar, 2nd floor lobby, Administration Building. Undergraduate students who do not have an ATR may obtain one at the Office of Records/Registrar. CED and GSP students may obtain an ATR from the CED office.

Your ATR form will be stamped with a registration number, you will be given the forms and instructions needed to complete registration, and you will then be asked to wait while you complete Step 2 until called to proceed to Step 3. While waiting, please check on any last minute changes in class meeting days and times. These will be posted outside the Registrar's Office.

### **Step 2. Preliminary Course Selection**

Check the closed course list posted outside the Registrar's Office before entering your course requests. Then enter your Student ID (usually Social Security) number and course requests on the registration form. Use Section "01" if no other section is listed in the Schedule of Classes. Using a No. 2 pencil only, blacken the appropriate box beneath each written letter or number.

### **Step 3. Student Accounts**

Proceed to the Student Accounts window on the other side of the lobby. A bill will be prepared for you at this step.

### **Step 4. Housing**

If you are now a commuter and wish to move into University housing for the Summer Session or if you have questions about housing, stop at the Residence Life Office, 138 Administration Building. Otherwise, proceed to Step 5. (Note: The deadline for applying for housing is May 10.)

### **Step 5. Payment of Fees**

Proceed to the Bursar's area and pay all current fees, including housing and any previous balance shown on your bill.

### **Step 6. Completion of Registration**

Return to the Registrar's window where your course requests will be checked for available space. Do not leave until you have obtained a computer-generated receipt listing your course selections.

### **Step 7. ID Cards**

Continuing students with registration receipts may have their ID cards validated at this time. New students may show their registration receipt and have an ID photo taken at the ID office, 190 Administration Building (lower level). See times below.

## **Changes in Registration**

Changes in registration must be made through the Office of Records/Registrar. Forms for adding or dropping courses, changing sections, etc., may be obtained from that office or from the Center for Continuing Education. The Summer Session office does not handle changes in registration. They must be done in person by the student.

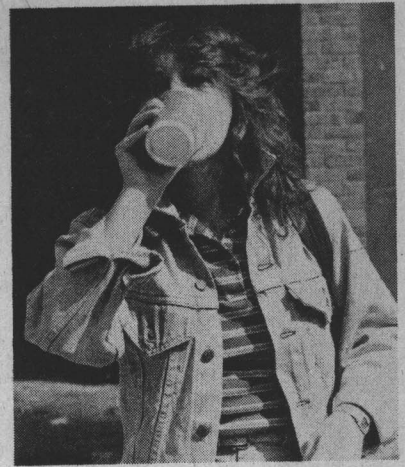
### **To Add a Course**

Courses may be added only through the fifth day of classes during each term. If a student is adding one course and dropping another course at the same time, no late fee is charged. If the student is late registering, a late fee of \$20 must be paid at the time of registration. To either add a course or late register for a course, the student must first obtain the signature of the instructor for the new course on an add/drop form in order to be able to complete registration for that course.

### **To Drop a Course**

Students may drop a course until May 24 for Term I, July 9 for Term II. To do so, the student must submit an add/drop form to the Office of Records/Registrar. No record is kept of courses dropped during the first five days of the term. For courses dropped after the fifth day, the letter W (Withdrawal) will be assigned. Refer to the schedule on tuition liability in the Financial Information section of this bulletin for refund information.

Students who wish to withdraw from one or all courses may also notify the Office of Records/Registrar by letter. The official date of withdrawal is considered to be that date on which the form or letter is received, not the date of the last class attended. Non-attendance or notification to the instructor does not constitute formal withdrawal. Students must officially withdraw on or before June 24 for Term I, or August 6 for Term II, and will receive the letter W for each course in which they were registered. Refer to the schedule of tuition liability in the Financial Information section of this bulletin for refund information.



### **Courses on Different Schedules**

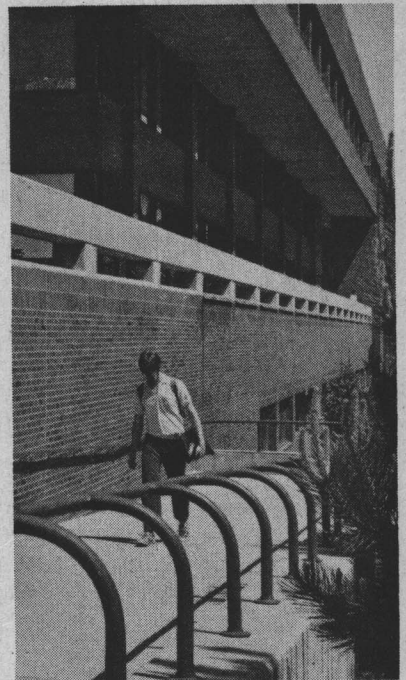
Some summer courses may span both summer terms, either by extending from Term I into Term II or by a late starting date in Term I. Students registering for late starting classes may register for them through the preceding Friday. Courses on varying schedules will also have different add/drop deadlines. Information about such dates will be available from both the Summer Session office and the Registrar.

### **Auditing Courses**

Only students who are officially enrolled in an academic course may audit another course. In order to audit a particular course, the student must obtain permission of the instructor. The student may not change from audit to credit basis after June 3 for Term I or July 16 for Term II. No credit is granted for auditing a course, nor does the University keep a record of a student having audited a course.

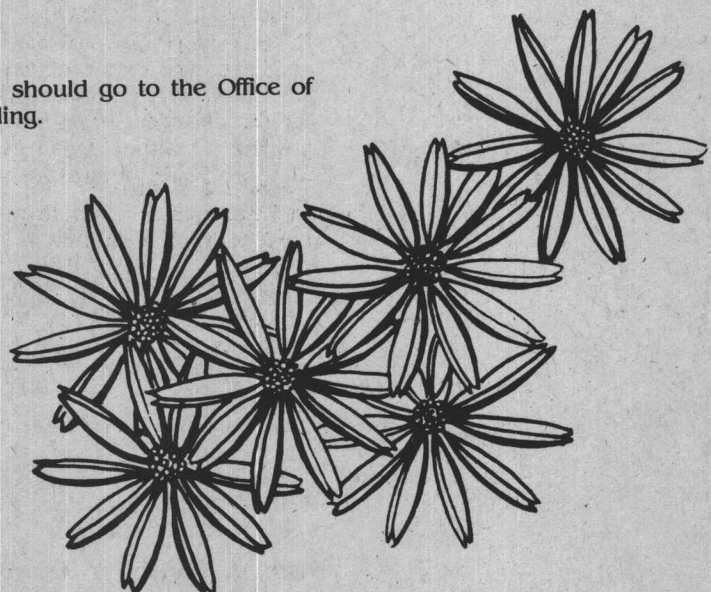
### **ID Cards**

Identification cards are necessary in order to use the library, to register a car, and to be eligible for certain other student services and discounts. Students registering in person may obtain ID cards at the ID office after they register. Students registering by mail may take their payment receipt or confirmation of registration to the ID office after they arrive on campus in order to receive a student identification card. The ID office is located in 190 Administration Building and is open between 9 a.m. and 4 p.m., Monday through Friday.



### **Veterans Education Benefits**

Veterans requiring enrollment certification should go to the Office of Veterans' Affairs, 347 Administration Building.





## Financial Information

### Payment

Registration is not complete until a student has paid all fees and charges which are due and payable prior to the first day of classes, unless properly deferred. Payment may be made by check (payable to SUNY at Stony Brook) or by MasterCard or VISA credit cards. Tuition and fees are based on the schedule printed below. **All fees and charges are subject to change without notice.**

A \$5 fee will be imposed for any check returned as a bank debit, in addition to a \$20 late fee caused by the returned check.

Late registration will be permitted through June 3 for Term I, July 16 for Term II, and will require full payment in addition to a \$20 late registration fee at the time of registration.

### Tuition

#### Undergraduate Students

NY State Resident: \$45/credit hour

Out of State Resident: \$107/credit hour

#### Graduate Students

NY State Resident: \$90/credit hour

Out of State Resident: \$156 per credit hour

### Fees

**College Fee:** 85¢/credit hour

**Student Activity Fee:** Undergraduates: \$15 a term

Graduate Students: no fee

The student activity fee is mandatory for all undergraduate students, including visiting students. This fee is used to help fund summer recreational and social activities for Summer Session students as well as the ambulance corps and campus radio station.

### Refunds

All requests for refunds must be submitted in writing to the Office of Student Accounts, State University of New York at Stony Brook, Stony Brook, NY 11794-1301.

**Refund of Tuition:** Students who withdraw from the University and part-time students who decrease their academic load are liable for payment of tuition in accordance with the following schedule:

#### Term I Liability

1st week: 0% through 6/3/85

2nd week: 70% through 6/10/85

3rd week: 100% through 6/17/85

#### Term II Liability

1st week: 0% through 7/16/85

2nd week: 70% through 7/23/85

3rd week: 100% through 7/30/85

Certification of the effective date of withdrawal must be made by the Office of Records/Registrar. A withdrawal form, available at the Registrar's office, must be completed and returned to that office on the date of withdrawal. To expedite a refund, the Student Accounts copy of the withdrawal form should be submitted with the refund request.

No money will be refunded for tuition unless an application for a refund is made within one year after the end of the term for which the tuition requested to be refunded was paid to the State University.

**Exception:** A tuition refund will be granted to any student who withdraws to enter military service prior to the end of an academic term for those courses in which the student does not receive academic credit. Acceptable proof must be submitted.

**Refund of Housing Fee:** Prorated by the week.

**Refund of Student Activity Fee:** Refunded only if no tuition liability.

**Refund of College Fee, Late Registration Fee, and Lost ID Card Fees:** Not refundable.

**Refunds Caused by Overpayment or Processing Errors:** The necessary adjustment will be made by the Office of Student Accounts.



## Grading System

A student's course standing is expressed in letter grades as follows: A (superior), A-, B+, B (good), B-, C+, C (satisfactory), C-, D+, D (minimum passing—undergraduate courses only), F (failure), P (pass), NC (no credit), I (incomplete—indicating that the work of the course has not been completed because of circumstances beyond the student's control). The completion date will be determined by the instructor but may not be later than November 1 following the end of the Summer Session. If a final grade is not reported to the Registrar by that time, the grade of I will automatically be changed to F. In exceptional circumstances the instructor may extend the period for completing the course requirements. W indicates withdrawal from a course.

An instructor may assign a temporary grade of NR (no record) only for students who have never, to the instructor's knowledge, participated in the course in any way. An NR report is not to be interpreted as a grade. It is a temporary indication of a state of affairs which requires prompt resolution, leading either to removal of the course from a student's program (whenever it turns out to have appeared as a result of an error in recording the registration information submitted by the student), or to the assignment of a grade. If a final grade is not reported by November 1, the grade of F or NC, as appropriate, will be recorded.

## Pass/No Credit Academic Record Option

With the possible exception of courses in the student's major program, an undergraduate student may elect to have the final grade in any undergraduate course recorded on the permanent academic record either as P (Pass) if the reported grade is A, B, C, or D or as NC (No Credit) if the reported grade is F. The following provisions reflect the intent of this option, which is to permit undergraduate students to explore less familiar areas of study without weakening standards of evaluation or masking a record of poor performance.

A. In each term, election of the P/NC option is limited to a period at the beginning of the term. After June 3 for Term I or July 16 for Term II, no changes either to or from the P/NC option may be made.

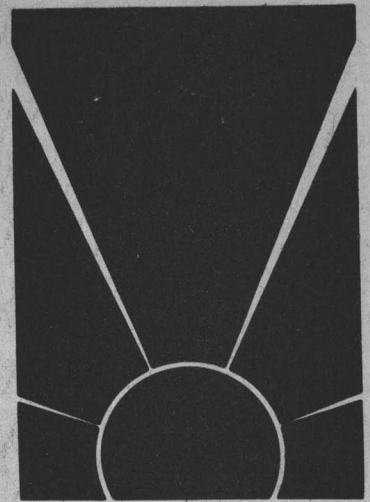
B. The Registrar does not notify the course instructor of the names of students who have elected the P/NC option.

C. The requirements for a major program may make the P/NC option unavailable in a course used to meet those requirements. Students should obtain specific information from the department or the agency which supervises the program.

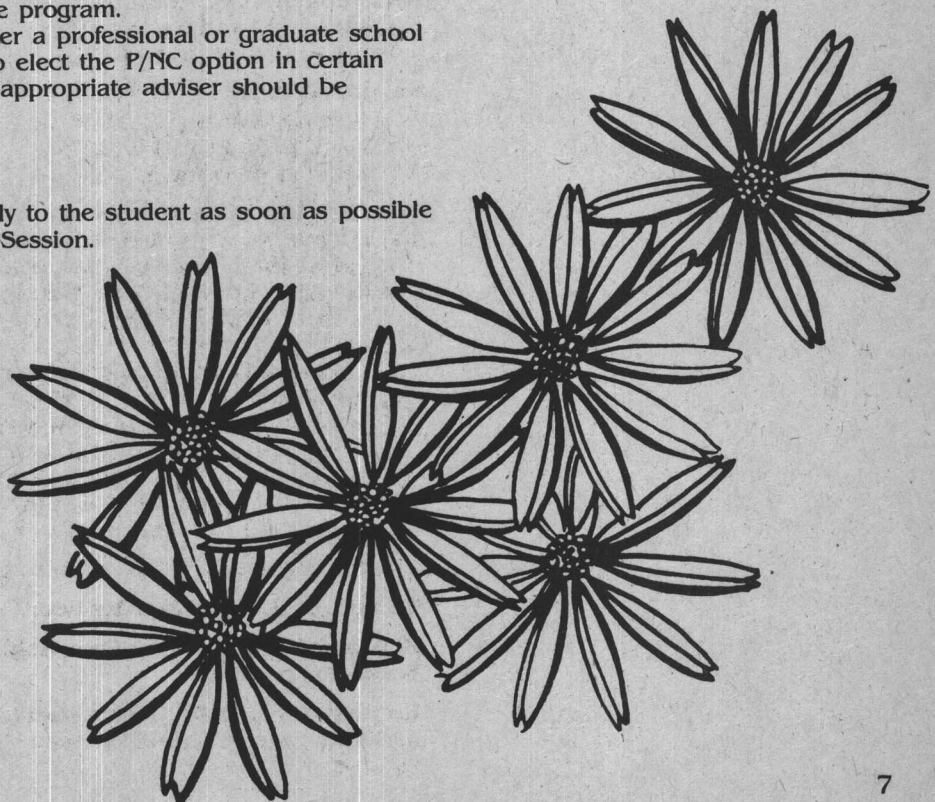
A student who intends to enter a professional or graduate school program may be advised not to elect the P/NC option in certain courses or fields of study. The appropriate adviser should be consulted.

## Grade Reports

A grade report is mailed directly to the student as soon as possible after the close of the Summer Session.



# General Academic Information





## **Transcripts**

A student desiring an official transcript of his or her academic record at Stony Brook should submit a written request to the Registrar at least one week before the transcript is needed. The transcript charge is \$3 per copy. Payment should be made directly to the Bursar's office and the receipt submitted to the Registrar along with the transcript request. Partial transcripts of a student's record are not issued.

The University reserves the right to withhold issuance of a transcript for any student who has failed to meet all financial obligations at the University.

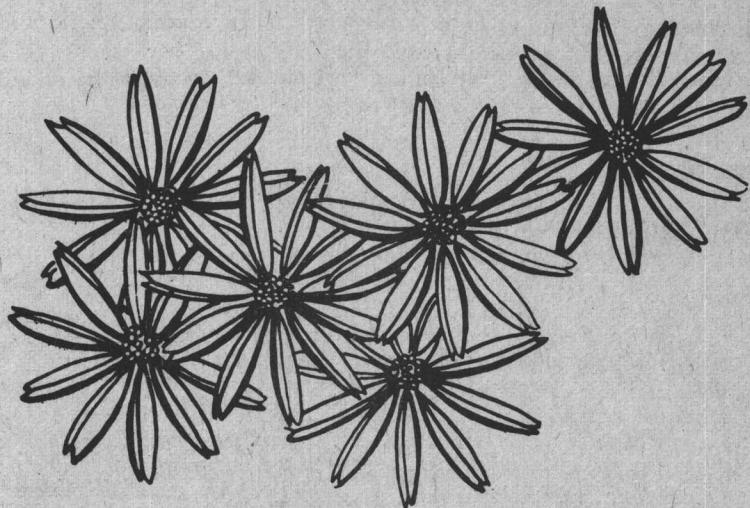
## **Application for Graduation**

In order to become a candidate for August graduation, undergraduate and CED graduate students must file an application for graduation no later than June 11 if attending Term I or July 24 if attending only Term II. All non-CED graduate students must file by the June 11 deadline. Prospective graduates are advised to refer to the appropriate University bulletin for information about degree requirements. CED graduate student candidates file at the Center for Continuing Education. All other graduate students file at the Graduate School. Undergraduate students file at the Office of Records/Registrar.

Grades appearing on a student's academic record at the time of the student's graduation cannot be changed to any other grade subsequent to the graduation date. No student will be permitted to graduate with the grade of I or NR on his or her academic record. Degree candidates wishing to make up incomplete work must file an application to postpone their graduation until the end of the following term. The deadlines for such applications are the same as the deadlines for initial applications to graduate.

## **Other Academic Information**

Further academic information regarding student educational records, financial aid, University attendance policy, and other topics is contained in the undergraduate and graduate bulletins, copies of which are available in the Reference section of the Melville Library.



## Application Instructions

### Students Currently Living on Campus

Students currently residing on campus for the spring 1985 semester must apply for summer housing in person at the Residence Life Office, 138 Administration Building, or in the Quad offices during business hours: 10 a.m. to 4 p.m. between April 29 and May 10. Room assignments are made on a first-come, first-served basis as space permits. Priority is given to students registered for summer classes. Students must bring proof of summer registration when they apply for summer housing.

### Students Not Currently Living on Campus

Students not living on campus during spring 1985 should fill out the 1985 summer housing application printed in this bulletin and return it, along with the fee computation worksheet and appropriate payment to:

P. O. Box 619  
Department SS  
Stony Brook, NY 11790

by May 10. Housing applications cannot be processed without payment of all housing fees. Room assignments are made on a first-come, first-served basis, with priority given to students enrolled in summer classes.

### Dates

Residence halls will be open for Term I Summer Session check-in on Monday, May 27 from 1 to 5 p.m. All residents not registered for Term II must check out by 5 p.m. on Tuesday, July 9. Failure to do so will result in additional fees.

Housing check-in for Term II will take place on Tuesday, July 9 from 2 p.m. to 6 p.m. All summer residents must check out by 5 p.m. on Tuesday, August 20. Summer residents who have fall room assignments will move to their fall room assignments at the end of Term II.

### Cost

All Summer Session housing fees must be paid in full in advance. Housing fees are based on double-occupancy rooms; no single accommodations are available.

#### Term I

May 28-July 9: \$330

#### Term II

July 10-August 20: \$330

Housing fees include the mandatory cooking fee which is assessed each resident each term by the Dorm Cooking Program. This fee funds the upkeep and maintenance of University-owned kitchen equipment in the residence halls.

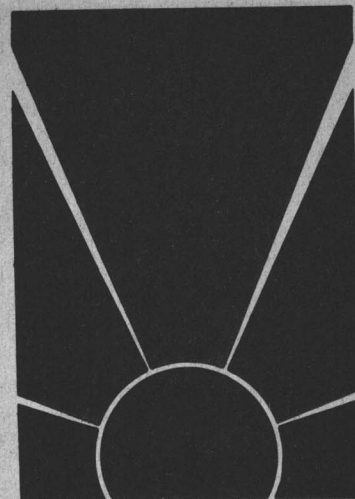
### Room Assignments

Summer room assignments are made on a first-come, first-served basis. Priority for summer housing will be given to those applicants who are registered for summer classes. Housing for summer students cannot be guaranteed, however, because of the high demand for housing and the limited number of rooms available in the summer.

The furniture provided in residence hall rooms includes desks, dressers, and beds. Students must provide their own linens as well as cooking utensils (pots, pans, etc.) and study lamps if they wish. Student-owned air conditioners are prohibited in the residence halls and TV antennas are forbidden on the roofs.

Students applying by mail or in person by May 10 will be notified of their room assignments by mail before May 24. Students can also obtain their room assignments by checking the Residence Life bulletin boards outside 138 Administration Building.

All students living in campus residence halls must read and sign the Terms of Agreement for Residence Halls. Copies of these terms may be obtained from the Office of Residence Life, 138 Administration Building.



## Housing Information



### **Quad Services**

The Quad Office is the administrative center of each quad. It offers a variety of services to quad residents, including key distribution to new residents during check-in, maintenance needs reported by residents, and dissemination of both housing and general campus information. Quad offices are open from 9 a.m. to 12 noon and from 1 to 5 p.m., Monday through Friday. They are closed during weekends.

A full-time, professional residence hall director is located in each building in the quads to assist the students living there. In addition, student staff members are assigned to each floor to assist the residents.

Most University residence halls are scheduled for regular rehabilitation during the summer months. Although unlikely, there may be occasional periods of disruption of utilities and services. If this should occur, efforts will be made to notify the residents in advance.



### **Meals**

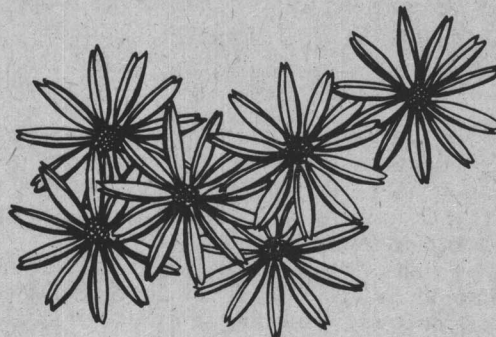
Food service will be available in Stony Brook cafeterias for students who prefer not to cook. Any cooking in the residence halls must take place in the end-hall lounges furnished with stoves and dishwashers by the Dorm Cooking Program, or in the lounges of the suite-style quads. There are no cooking facilities in the suite-style quads; therefore students must bring their own cooking equipment: hot plates, toaster ovens, etc. In addition, this equipment must be in good working order and must meet established safety standards. Cooking is prohibited in student bedrooms. There are size and amperage restrictions on refrigerators. Students must check with their quad office for guidelines to follow before bringing any refrigerators into the residence halls.

### **Housing Refunds**

Requests for summer 1985 refunds must be submitted in writing to the Division of Residence Life, State University of New York at Stony Brook, Stony Brook, NY 11794-0651. These requests must state clearly they are *refund requests for summer housing*. Students not requesting refunds for housing will be held liable for the entire session. Refund requests for an entire summer term must be received in writing prior to the start of the term. Refunds for summer housing will be prorated by the week.

### **Off-Campus Housing**

Students wishing to reside off campus may avail themselves of the services of the University's Off-Campus Housing Office. The office, located in 149 Administration Building, provides listings of apartments and houses available for rent in neighboring communities. The office is open daily from 10 a.m. to 4 p.m. For more information about off-campus housing, call (516) 246-5979.



## **Advising**

The Center for Academic Advising, located in E-3310 Melville Library, is open to undergraduate students throughout the year, including the summer. No appointment is necessary, but students should contact the Center at (516) 246-3520 to find out which days and times advising will be available during the summer.

Summer Session students who will matriculate at Stony Brook for the first time in fall 1985 should attend one of the regularly scheduled orientation sessions during June or July for assistance with planning their fall semester courses. Alternative orientation sessions are scheduled during the week of final registration in August.

During the first two weeks of August, one-hour group information sessions will be scheduled by the Center to assist new students in selecting courses. The schedule of sessions may be obtained by calling the Center. However, these sessions are not as comprehensive as the orientation sessions where a variety of faculty and pre-professional advisers are available to help students select appropriate courses and evaluate transfer credit.

## **Math Tutoring**

The Math Learning Center offers tutoring services to students in Precalculus and Calculus I. Its tutors are available from 10 a.m. to 3 p.m., Monday, Wednesday, and Friday, Room S-235 in the basement of the Math Tower. For more information, call the Math Department at (516) 246-6520.

## **Writing Center**

The English Department's Writing Center offers individual writing instruction to all members of the Stony Brook community including undergraduate and graduate students and faculty. What happens in the Writing Center is determined by the needs of each individual.

The Writing Center will be open from 9 a.m. to 5 p.m. on Monday through Friday during both terms in 198 Humanities Building. For further information, call (516) 246-5098.

## **Libraries**

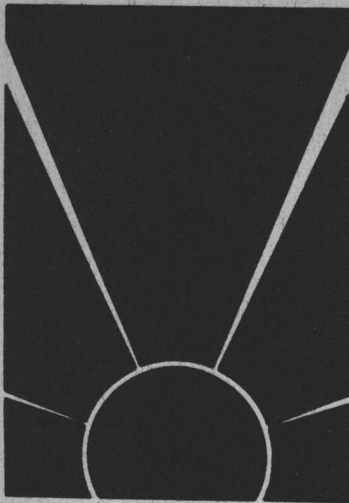
The Frank Melville, Jr. Memorial Library, the main library building, is among the largest academic libraries in the nation. Special departments in the library provide ready access to current fiction and non-fiction, current periodicals, government documents, maps, microforms, and legal materials. Other facilities include a music listening center, a student lounge, and a variety of individualized study carrels. The full range of library services, including open stack privileges, are available to students with an ID card validated for the Summer Session. Disabled students should refer to the section of this bulletin which describes the Office of the Disabled for information about library services for the disabled.

Five branch science libraries for biology, chemistry, earth and space sciences, engineering, and mathematics/physics are located in departmental buildings. The Health Sciences Library is located in the Health Sciences Center.

The Melville Library is open on weekdays during the summer and is closed on weekends and on major holidays. Students are urged to check the posted hours of operation at the Melville Library as well as at the branch libraries.



# **Academic Assistance**



## **Student Services**

### **Orientation for High School Students Attending the Summer Session**

High school students who have permission to take courses in the Summer Session may attend a special orientation during the week of July 8. This orientation will acquaint them with each other, the layout of the campus, places to study and socialize, summer recreational opportunities, and such student services as food and health services. Academic expectations will be discussed and the possibility of special workshops for high school students on study skills, vocational opportunities, and the like will be explored if sufficient interest is expressed. High school students who have not registered for Term II classes may bring their guidance office permits and may register following the orientation for any introductory classes that still have openings.

High school students wishing to attend this orientation should contact the Office of the Summer Session as soon as possible at (516) 246-6559.

### **Orientation for Freshmen and Transfer Students**

Orientation programs for all new undergraduate freshmen or transfer students (either full- or part-time) will take place frequently from early June through July. Entering Stony Brook students are encouraged to attend one of these sessions in order to familiarize themselves with the campus, its programs, academic expectations, and to register for their fall classes.

To schedule a date, new students should write to the Orientation Office, SUNY at Stony Brook, Stony Brook, NY 11794-5300, or call (516) 246-7003.

New and prospective Stony Brook students should refer to the section of this bulletin on Academic Assistance for information about academic advising, the mathematics and writing clinics, libraries, etc., during the summer.

### **Returning Student Network**

The Office of Undergraduate Studies has developed the Returning Student Network, a support system for undergraduate students 25 years of age and older. The network consists of 25 specially designated advisers on campus who assist adult students. The Network sponsors workshops, a newsletter, and other services for returning students.

In addition, returning students themselves operate their own student-run organization for adult students. Interested students or prospective students should call Nancy Rothman, coordinator of the Network at (516) 246-3420 for more information.

### **Bookstore**

The main campus bookstore, operated by Barnes & Noble, is located on the first floor of the Stony Brook Union. The bookstore carries texts for summer courses as well as a wide range of other books and supplies. Call (516) 246-3666 for the bookstore's summer hours. Another bookstore is located in the Health Sciences Center, Level 2; telephone (516) 246-2665.

## Career Development Office

The Career Development Office assists students and alumni with career and life planning through a wide variety of services, including both group and individual counseling. Career Development's resource library has information pertaining to career opportunities in such areas as business, government, health and social service, and education. Materials are also available on career planning, teaching certification, graduate and professional school admissions testing, financial aid information, and recruitment options. In addition, interest inventories and an interactive computerized guidance system, DISCOVER II, are also available. The office, located in W-0550 Melville Library, is open during the summer Monday through Friday from 8:30 a.m. to 5 p.m.; telephone (516) 246-7024.

## Summer Student Activities

The Summer Student Activities Board sponsors a variety of cultural, social, and recreational activities for undergraduate students enrolled in the Summer Session. Funded by the Polity Student Association through the student activity fees required of all undergraduate summer students, these activities include films; barbecues; bus trips to beaches; a softball league; publication of *Statesman*, the campus newspaper; and WUSB, the campus radio station at 90.1 FM, to name some typical summer activities. The activity fee is also used to fund the Stony Brook Ambulance Corps. Summer activities will be published in *Statesman*; information can also be obtained from the Polity (student government) office at (516) 246-3673 or from the Student Activities office (516) 246-7109, both of which are located in the Stony Brook Union.

## Food Services

The location and hours of summer eating facilities will be announced at the beginning of Term I. Contact the Faculty Student Association at (516) 246-7008 or the Summer Session office at (516) 246-6559 after May 15.

## Gymnasium

A variety of recreational facilities is available to summer students. These include courts for basketball, tennis, racquetball, squash, handball, and track. Since these facilities are used for instructional purposes as well as for recreation during the summer, students should check at the gym for available hours and sign-up procedures where necessary. The pool will be closed for repairs during summer 1985.

## Stony Brook Union

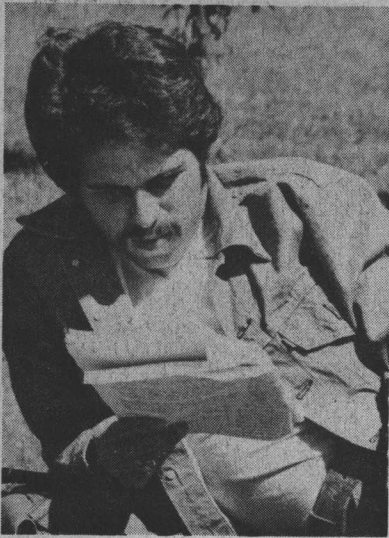
The Stony Brook Union is host to many vital campus services such as check cashing and postal service. The Union also includes the Barnes & Noble bookstore, an information center, and places to eat. Its recreational areas include the Crafts Center, lounges, and a bowling/billiards/arcade area, as well as facilities for hosting parties, films, and concerts.

Polity (the Undergraduate Student Government), Commuter College, the Student Activities office, several student clubs, *Statesman*, and WUSB 90.1 FM are located in the Union as well.

New programs include RIDES, a computerized ride service; Secrets, a series of leisure programs; and a Games-to-Borrow system.

For more information concerning the Stony Brook Union, call the Information Center at (516) 246-3636.





### **Health Service**

The University Health Service is located in the Infirmary Building near the Union. Emergency aid is extended to the whole University community. A wide variety of other health services is available at no cost to students registered for summer courses. Check with the Health Service for specific hours; telephone (516) 246-2273.

### **Counseling Center**

The University Counseling Center, located on the second floor of the Infirmary, provides individual and group counseling and psychotherapy for students experiencing psychological difficulties. The Center also offers programs for personal growth and enrichment. For information, call (516) 246-2280, 2281, or 2282.

### **Parking**

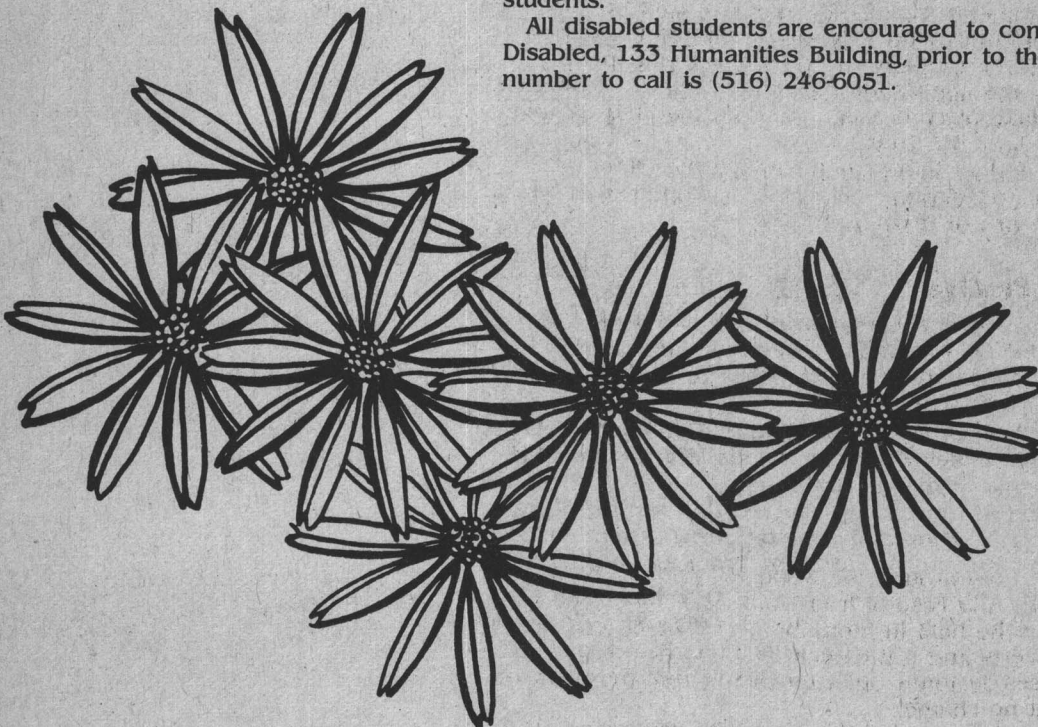
Students planning to park on campus during the Summer Session must register their cars in the Traffic Office, 192 Administration Building. Cars that were registered during the previous academic year and display a parking sticker valid until September 30, 1985 do not have to be re-registered. To register a car on campus, a student must present the motor vehicle's registration and proof of Summer Session enrollment (a receipt from the Bursar or Registrar or a validated ID card).

### **Office of the Disabled**

The Office of the Disabled coordinates services to disabled students and assists them with housing, meals, registration, recreation, academic needs, special parking permits, transportation, and financial aid. The office can loan for short periods such special equipment as tape recorders, tapes, wheelchairs, crutches, and canes.

A small center for the disabled in the Reserve Room of the Melville Library offers assistance to visually and physically disabled students. The center includes equipment such as a Kurzweil Reading Machine, a braille, and a visual-tek machine. The Library also offers special study carrels and a paging service in the stacks for disabled students.

All disabled students are encouraged to contact the Office of the Disabled, 133 Humanities Building, prior to the start of classes. The number to call is (516) 246-6051.





## **Campus Tours for Prospective Students**

Prospective Stony Brook students and their families are encouraged to visit the Admissions Office during the summer to meet with an admissions officer and take a campus tour with a student guide. No appointment is necessary. Tours leave from the Office of Undergraduate Admissions, Monday through Friday on the hour, every hour from 10 a.m. to 4 p.m. during June, July, and August.

Admissions officers will answer questions about admission requirements, academic programs, university resources, and campus life in general. Literature about the University's programs and campus life is also available.

For further information, contact Penny Robinson, Office of Undergraduate Admissions, 118 Administration Building, SUNY at Stony Brook, Stony Brook, NY 11794-1901; or call (516) 246-5126.

## **Summer Institute in American Living**

Stony Brook's Summer Institute in American Living is an intensive program of courses and activities in American language and culture for international students, visiting scholars, and their spouses. Students in the institute will attend English classes and classes on American culture. They will be introduced to typical academic situations, visit American homes, and will join excursions to places of cultural and historic interest on Long Island, in New York City, and in New England.

The English classes will be taught by experienced instructors who have graduate degrees in teaching English as a Second Language or equivalent professional training. Classes will be limited to ten students per section.

The Institute will begin on June 26 and end on August 14. To receive an application for admission to this program, prospective students should contact the Office of International Programs, 101 Central Hall, SUNY at Stony Brook, Stony Brook, NY 11794-2700; or call (516) 246-7711.

## **Study Abroad**

The Office of International Programs sponsors a number of study abroad opportunities during the summer as well as during the academic year. This summer programs for intensive study of the language and culture of France and Italy will be offered in Avignon, France and Rome, Italy. The program in Avignon will take place between July 1 and 31; the application deadline is April 1, 1985. The program in Rome will take place between June 28 and July 27; the application deadline is April 20, 1985.

For applications and further information, contact the Office of International Programs, 101 Central Hall, SUNY at Stony Brook, Stony Brook, NY 11794-2700; or call (516) 246-7632.

## **Summer Theatre Festival**

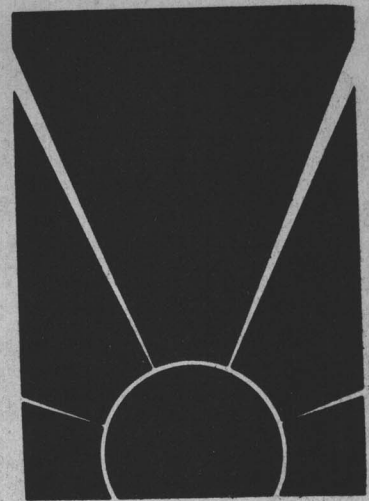
A Festival of American Theatre will be presented by the Department of Theatre Arts and the Fine Arts Center during July and August. Both a professional company and summer students will participate in a number of productions to be announced.

Information about the programs and tickets may be obtained by calling (516) 246-5678. Student discounts and season subscriptions will be available.

## **Bach Festival**

Professional musicians from around the world will participate in Stony Brook's fifth Bach Aria Festival from June 16 through June 30. The festival activities, to be held in Stony Brook's Fine Arts Center, will include seven concerts and a two-week institute. Selected sessions (master classes, lectures, open rehearsals) will be open to the public each day at no charge.

A choral program has been added this year, with conductor Margaret Hillis. Enrollment is open to the public at a fee. In addition to preparing for two performances with the Bach Aria Group, classes



# **Outside the Classroom**



will be held in choral techniques for choristers and choral directors.

To enroll in the choral program or for more information about the festival, please write to the Bach Aria Festival, P.O. Box 997, SUNY at Stony Brook, Stony Brook, NY 11790; or call (516) 246-3511.

### **Jazz-Ballet Institute**

Dancer Nat Horne will be the guest artist/director of a new summer jazz and ballet institute for high school students. It will run from June 24 to July 6 and will be open to all levels of dancers from beginner to advanced. Mr. Horne was one of the original members of the Alvin Ailey Dance Company who has also performed in 16 Broadway shows, including "Applause," "Zorba," "Golden Boy," "What Makes Sammy Run?," "Hello Dolly," and more. He now directs his own musical theatre school and teaches master classes in both Europe and the United States.

For registration information, please contact the Nat Horne Summer Institute, Physical Education Department, SUNY at Stony Brook, Stony Brook, NY 11794-3500; telephone (516) 246-6790.

### **Conferences and Special Events**

The Office of Conferences and Special Events organizes and sponsors a number of programs during the summer involving both academic and general areas of interest. Summer students and the general public are invited to register for conferences, workshops, or sessions of interest to them. Among those scheduled for summer 1985 are seminars on Energy Research in Developing Countries, a Mathematics Institute, and a conference considering Chinese Philosophy.

For further information and a complete list of summer activities, call (516) 246-3325.

### **Fine Arts Center Gallery**

Admission is free to the gallery which adjoins the Fine Arts Center theatres and concert halls. The gallery is expected to be open on weekday afternoons and in the evenings before main stage performances. The gallery may also be open for limited hours on Saturday. For definite summer hours and more information about the summer exhibition, call Rhonda Cooper at (516) 246-6846 after May 1.

### **Museum of Long Island Natural Sciences**

Located in the Earth and Space Sciences Building, exhibits in the Museum of Long Island Natural Sciences feature fossils, local rocks, dioramas, old photos of Long Island, and changing exhibits focusing on Long Island's wilderness areas. The Museum also offers a variety of programs year-round for adults, children, and families.

Spring and summer programs for young people will cover such subjects as Indians, dinosaurs, weather, marine sciences, and rocks and minerals. Weekend walks and evening programs will include tours of the east end of Long Island, wildflower and beach walks, and birdwatching. In addition, teacher workshops are usually offered each summer.

The Museum is open from noon to 5 p.m. on weekdays and for special programs. Call (516) 246-8666 for further information.

### **Crafts Center**

The Crafts Center, located in the basement of the Stony Brook Union, conducts a number of non-credit programs during the summer. Memberships in well-equipped ceramics, weaving, and photographic studios are available to people who like to work on their own. Inexpensive, four- to six-week workshops in ceramics, photography, and a variety of other art, craft, and personal development disciplines will be offered in June and July for both adults and children. The Crafts Center will also continue its Wednesday evening Life Drawing workshop, at \$2 a session, payable at the door. Call (516) 246-7107 or 246-3657 for a program brochure or pick one up at the Crafts Center, 052 Stony Brook Union.

## Meeting Times and Places

Summer Session classes are offered in the morning, afternoon, and evening to accommodate students with different schedules. Courses typically meet on a M W F (Monday, Wednesday, Friday), M W (Monday, Wednesday), or Tu Th (Tuesday, Thursday) schedule for the duration of Term I or Term II. Certain courses, however, may meet four or five times per week. Other courses designated as workshops may span both terms over a three- to five-week period. The specific meeting times for each course are listed after the course description. Students should contact the appropriate departments to arrange times for courses listed as TBA (to be arranged). Please pay particular attention to the starting and ending dates of the courses you are interested in since they may vary somewhat from the dates given for Terms I and II.

Classroom assignments for summer courses will be posted outside the Registrar's office, second floor lobby of the Administration Building, beginning one week before the start of each term. They will also be posted outside the Summer Session office, N-215 Social and Behavioral Sciences Building.

Any changes in class meeting days or times will be posted outside the Office of Records/Registrar and at the Summer Session office.

## Classroom Assignments

Students registering by mail will be sent a list of classroom assignments along with their registration receipts late in May. Classroom assignments will also be posted and distributed in the Summer Session office and the Registrar's office.

## Course Levels

The instructional level of each course is indicated by its number. Courses numbered 100-299 are at the freshman-sophomore level; those numbered 300-499 are at the junior-senior level. Additional time for laboratories is required for some courses such as language, mathematics, science, and theatre courses. Where TBA (to be arranged) is written instead of specific days and times, these will be arranged individually with the students.

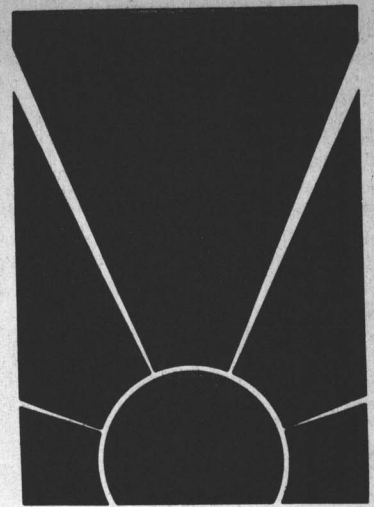
Summer independent research or internship courses may also be available in some departments. These are not listed in this bulletin. Interested students should contact the appropriate department by calling (516) 246-5000.

## Prerequisites and Permission

The prerequisites shown for some courses refer to courses offered at Stony Brook. Course equivalents earned in other colleges and universities will usually be accepted. If in doubt, contact the appropriate department at Stony Brook. Where permission of the department or instructor is required, students should contact the appropriate department. Departments can be reached by calling (516) 246-5000.

## Course Changes or Cancellations

This bulletin was prepared prior to approval of the New York State Budget for 1985. Some alterations in the courses listed, including cancellation of courses with insufficient enrollment, may have to be made pending approval of the budget. Course cancellations, changes in instructor, or changes in class meeting days and times will be noted in Summer Session Change Notices available in the Summer Session office and the Registrar's office. Summer students are advised to check these notices either in person or by telephoning the Summer Session office at (516) 246-6559 if they have registered early in the registration period.



# Undergraduate Courses

## Africana Studies

### AFS/POL 335 Contemporary African Problems

*Ernest F. Dube*

An investigation of the nature of African societies by studying the variety of African political, social, and traditional forms necessary to understanding developments in the nineteenth and twentieth centuries. Emphasis will be upon some of the long-standing problems essential to understanding the diversity of ideas and people in the African scene.

*Prerequisites:* Two AFS or POL courses

**(Term I)** 3 credits

*M W, 9:00 a.m.-12:10 p.m.*

### AFS 370 The Black Family Palanyadan Kunhikannan

The black family in historical perspective. The nature and structure of that family, the obstacles that it has faced, and its interrelationships with the black community.

**(Term I)** 3 credits

*Tu Th, 5:30-8:55 p.m.*

### AFS 420 Topics in Africana Studies: Race, Caste, and Class Palanyadan Kunhikannan

This course will examine race, caste, and class from three different perspectives: (1) the origin and development of structured inequality; (2) how race, caste, and class have been used, and continue to be used today, as justifications for economic exploitation; and (3) some of the changes that are taking place today in these areas.

**(Term I)** 3 credits

*Tu Th, 9:00 a.m.-12:25 p.m.*

## Anthropology

### ANT 102 Introduction to Cultural Anthropology

*William Arens*

Introduction to the institutions and beliefs of various cultures through an examination of forms of kinship, marriage, family, age group, voluntary associations, and various levels of political, judicial, religious, and economic organization.

**(Term II)** 3 credits

*Tu Th, 9:00 a.m.-12:10 p.m.*

### ANT 104 Introduction to Archaeology

*Gretchen Gwynne*

An overview of archaeology as a field of study and an introduction to the methods, goals, and theoretical concepts used by archaeologists.



The course outlines how archaeologists make behavioral interpretations using the cultural material of past human societies. Examples of survey, excavation, and analytic techniques will be presented.

**(Term I)** 3 credits

*M W F, 9:00-11:05 a.m.*

### ANT 354 Family and Kinship Theodore Kennedy

Concepts of family, kinship, marriage, incest, exogamy, nature, and culture and their social entailments. Major theories are discussed historically, demographically, and ecologically. Brief case studies will be presented to illustrate basic theories of social anthropology.

*Prerequisites:* ANT 102; one other anthropology course

**(Term I)** 3 credits

*M W, 5:30-8:40 p.m.*

### ANT 367 Male/Female Roles in Cross-cultural Perspective Ann Marie Powers

A study of the development and manifestation of sex roles in different cultures, with an emphasis on the different adaptations of males and females in economics, politics, religion, and education.

*Prerequisites:* ANT 102; one other anthropology course

**(Term II)** 3 credits

*M W F, 11:30 a.m.-1:35 p.m.*

### ANT 421:01/421:02 Anthropological Field Methods: Summer Field School in Long Island Archaeology

*Kent Lightfoot*

The basic principles of archaeological field methods. Emphasis will be placed on teaching students the fundamentals of surface survey and excavation. Students will receive firsthand experience in the methods of archaeology by participating in the survey and excavation of historic sites located in eastern Long Island. Note: You must register for both sections.

*Prerequisites:* ANT 395; permission of instructor (246-6745)

3 credits each section

**ANT 421:01/421:02 (June 24-July 26)**

*M Tu W Th F, 8:00 a.m.-4:00 p.m.*

## Applied Mathematics and Statistics

### AMS 102 Elements of Statistics

*Instructor to be announced*

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. This course may not be taken by students with credit for MAT 231, MAT 241, AMS 210, AMS 310, AMS 311, AMS 312, ECO 320, PSY 201, SOC 202, SOC 211, SOC 212.

*Prerequisite:* Satisfaction of Arts and Sciences mathematics proficiency requirement

**(Term II)** 3 credits

*Tu Th, 6:00-9:10 p.m.*

### AMS 302 Finite Mathematical Structures

(See Mathematics listing)

### AMS 310 Survey of Probability and Statistics

*Instructor to be announced*

A survey of data analysis, probability theory, and statistics. Stem-and-leaf displays, box plots, schematic plots, fitting straight line relationships, discrete and continuous probability distributions, conditional distributions, binomial distribution, normal and *t* distributions, confidence intervals, and significance tests. AMS 310 may not be taken for credit in addition to ECO 320.

*Prerequisite:* AMS 210 or MAT 221 or 231 or 241

**(Term II)** 3 credits

*M W, 6:00-9:10 p.m.*

## Art

### ARH 101 Art in Culture from Prehistoric Times to the Age of the Cathedrals

*Sandra Susman*

A survey of the history of painting, sculpture, and architecture from its beginnings in prehistoric times to the end of the Middle Ages. Works of art are studied both as individual monuments with intrinsic aesthetic appeal and as expressions of the needs, ideals, and aspirations of the particular society in which they were created.

**(Term I)** 3 credits

*M W, 9:00 a.m.-12:10 p.m.*

### **ARH 341 Art of the Nineteenth Century**

*James Rubin*

A survey of European art from about 1780 to 1890. Emphasis will be on individual artists, artistic attitudes, and progression of style. Art will be examined in its historical and cultural contexts. Movements studied will include Neoclassicism, Romanticism, Realism, and Impressionism.

*Prerequisites:* ARH 102; two other courses in the humanities  
**(Term I) 3 credits**

*Tu Th, 9:00 a.m.-12:25 p.m.*

### **ARH 342 Art of the Twentieth Century**

*Jacques Gullmain*

The major movements and individual artists in twentieth-century painting and sculpture, including reference to the broader sociocultural context of art.

*Prerequisites:* ARH 102; two other courses in the humanities  
**(Term I) 3 credits**

*M W, 1:00-4:10 p.m.*

### **ARS 151 Introductory Still-Life, Composition, Painting, and Drawing**

*Daniel Welden*

Introducing the student to drawing and painting media and techniques, as well as to the study of color, perspective, and composition.

**(Term II) 3 credits**

*M W, 9:00 a.m.-3:30 p.m.*

### **ARS 282 Photography II**

*Michael Edelson*

An intermediate-level course for those who have mastered basic camera and darkroom techniques and have acquired an understanding of photographic aesthetics. Further exploration of photography as a means of personal visual expression, along with a continued intensive examination and application of materials and techniques. Students must provide their own cameras and materials.

*Prerequisites:* ARS 281; permission of instructor after interview and review of portfolio (246-7070)

**(Term II) 3 credits**

*Tu Th, 2:30-9:00 p.m.*

### **ARS 392 Textile Arts: Weaving**

*Susan Goldin*

The techniques, theory, application, and critique of textile arts including weaving, dyeing, and fiber manipulation. Techniques will include designing, drafting, loom dressing, loom and hand pattern development in four harness structure. Design problems will emphasize color relationships, surface texture, and fibers in the

growth of technical and conceptual skills. May be repeated once.

*Prerequisites:* ARH 101, 102; ARS 151, 152

**(July 8-July 31)**

**3 credits/4H**

*M W F, 12:00 noon-6:45 p.m.*

## **Biological Sciences**

### **BIO 114 The Aquatic World**

*George Hechtel*

An introduction to the animals, plants, and communities of the sea, rivers, and lakes. Visits to on-campus exhibits. For students not majoring in biological sciences.

*Prerequisite:* High school biology  
**(Term II) 3 credits**

*M W F, 8:30-10:35 a.m. (Lecture)*

*M W F, 10:45-11:15 a.m. (Lab)*

## **Chemistry**

### **CHE 132 General Chemistry II**

*Priscilla Downs*

The second half of a full-year introductory sequence dealing with chemical principles. The principal topics covered include chemical structure and bonding; enthalpy, entropy, and free energy; chemical and phase equilibrium; fundamentals of transition metal, organic, and radiochemistry. The course emphasizes basic concepts, problem solving, and factual material. It provides the necessary foundation for students who wish to pursue further coursework in chemistry. It is strongly recommended that General Chemistry Laboratory and mathematics be taken concurrently with CHE 132. (Note that the laboratory course is prerequisite to organic chemistry.)

*Prerequisite:* CHE 131

**(Term I) 4 credits**

*M W F, 8:30-11:45 a.m.*

### **CHE 134 General Chemistry Laboratory**

*Carolyn Allen*

Designed to familiarize students with: (1) some chemical and physical properties of substances, (2) techniques of quantitative chemistry, and (3) scientific methodology.

*Pre- or corequisite:* CHE 132

**(Term I) 1 credit**

*M W, 12:00-5:00 p.m.*

### **CHE 321, 322 Organic Chemistry**

*Steve Samuels*

A systematic discussion of the structures, physical properties, and syntheses of carbon compounds, based on modern views of chemical bonding and mechanism. The chemistry of substances important in biology and technology, including

macromolecules, will be emphasized. Note: This course does not include a laboratory; students take laboratory as a separate course during the academic year.

*Prerequisites to CHE 321:* CHE 132 or 142, 134 or 144

*Prerequisite to CHE 322:* CHE 321  
**3 credits each course**

**CHE 321 (Term I)**

*M Tu W Th F, 8:30-10:30 a.m.*

**CHE 322 (Term II)**

*M Tu W Th F, 8:30-10:30 a.m.*

## **Chinese**

### **CHI 111, 112**

#### **Elementary Chinese I, II**

*Shi Ming Hu*

An introduction to spoken and written Chinese Mandarin, with equal attention to speaking, reading, and writing. Laboratory practice supplements class work. No student who has had two or more years of Chinese in high school or who has otherwise acquired an equivalent proficiency may receive credit for CHI 111 without written permission from the supervisor of the course.

*Prerequisite to CHI 112:* CHI 111

**(Term I) 3 credits each course**

**CHI 111** (First half of term)

**CHI 112** (Second half of term)

*M T W Th, 5:00 p.m. to 8:45 p.m.*

## **Classics**

### **Comparative Literature Humanities**

#### **CLS 215 Classical Mythology**

*Margery L. Brown*

A study of the Greek myths, classified according to the basic mythic patterns of Death and Rebirth and the Sacred Marriage; the influence of these myths on literature, art, and the history of ideas.

*Prerequisite:* One course in literature  
**(Term II) 3 credits**

*Tu Th, 9:00 a.m.-12:10 p.m.*

#### **HUM 123 Sin and Sexuality in Literature**

*Carrol Lasker*

Lectures and discussions will focus upon the interpretation of the ideas of sexuality and evil by exploring literary treatments of such notions as sexual gratification, adultery, and deviance.

**(Term I) 3 credits**

*Tu Th, 9:00 a.m. to 12:25 p.m.*

## Computer Science

### CSE 111 Computer Science for Engineers

*Instructor to be announced*

An introduction to computer science and the use of the computer for solving scientific and engineering-related problems. Students will gain experience using the FORTRAN programming language. Primarily for engineering students not planning to take advanced computer science courses. Students who have a C or higher in CSE 114 may not take CSE 111.

*Pre- or corequisite:* MAT 125 or 131 or 141; PHY 101 or CEAS major 3 credits

**(June 3-July 29)**

(Lecture)

M W, 9:00-11:05 a.m.

**(June 4-August 22)**

(Recitation)

Tu Th, 9:30-11:00 a.m.

### CSE 114 Introduction to Computer Science II

*Instructor to be announced*

Application of the principles of computer science taught in CSE 113. During weekly laboratory sessions, students will gain experience using the PASCAL programming language to solve a variety of numeric and non-numeric problems. Topics to be covered include files, records, sets, pointers, text processing, abstract data types, stacks and queues, program design, and testing strategies.

*Prerequisite:* Grade of C or higher in CSE 113 or proficiency examination 3 credits

**(June 3-July 29)**

(Lecture, Section 1 and 2)

M W, 1:00-3:05 p.m.

**(June 7-August 23)**

(Recitation, Section 1 and 2)

F, 1:00-2:30 p.m.

**(June 5-August 21)**

(Lab, Section 1)

W, 9:00 a.m.-12:10 p.m.

**(June 7-August 23)**

(Lab, Section 2)

F, 9:00 a.m.-12:10 p.m.

### CSE 120 Computer Organization and Programming

*Instructor to be announced*

Explores the physical structure of a computer, machine representation of information, assembly language programming, and input and output communication. Introduces the student to systems programming techniques.

*Prerequisite:* Grade C or higher in CSE 111 or 112 or 114 or passing proficiency examination 4 credits

**(June 4-August 1)**

(Lecture)

Tu Th, 1:00-3:05 p.m.

**(June 5-August 21)**

(Recitation)

W, 1:00-3:05 p.m.

## Economics

### ECO 101 Introduction to Economic Analysis

*Ethel Carrillo*

An introduction to economic analysis. Microeconomics (the study of individual, firm, industry, and market behavior) and macroeconomics (the study of the determination of national income, employment, and inflation). May not be taken for credit in addition to ECO 105.

**(Term II) 4 credits**

M W F, 9:00-11:50 a.m.

### ECO 251 Intermediate Microeconomic Theory

*William Dawes*

Analytical study of the behavior of fundamental economic units (consumer and the firm) and its implications for the production and distribution of goods and services. Emphasis on the use of economic theory to provide explanations of observed phenomena, including the analytical derivation of empirically verifiable propositions.

*Prerequisites:* One semester of calculus; either (a) ECO 101 or (b) ECO 105 and one other ECO course except ECO 114

**(Term I) 4 credits**

Tu Th, 9:00 a.m.-1:35 p.m.

### ECO 252 Intermediate Macroeconomic Theory

*Bryce Hool*

The theory of national income determination, employment, distribution, price levels, inflation, and growth. Keynesian and classical models of the different implications of monetary and fiscal policy.

*Prerequisites:* One semester of calculus; either (a) ECO 101 or (b) ECO 105 and one other ECO course except ECO 114

**(Term II) 4 credits**

Tu Th, 9:00 a.m.-1:10 p.m.

### ECO 317 Marxist Political Economy

*Michael Zwelg*

A Marxian analysis of capitalism, including some of the writings of Marx, Lenin, and Mao Tse-tung. The method of dialectical, historical materialism is applied to the historical development of capitalism, the operation of modern advanced monopoly capitalism, and such phenomena as economic crisis, war, and the capitalist conditions that give rise to socialism.

*Prerequisite:* ECO 101 or 105

**(Term I) 3 credits**

Tu Th, 1:00-4:25 p.m.

### ECO 348 Analysis for Managerial Decision Making

*John Winn*

Development of analytical techniques (such as linear programming and statistical decision theory) for making economic decisions both in public and private enterprises. The student will be making decisions on large-scale and detailed cases in realistic managerial situations and will be introduced to the use of the computer.

*Prerequisite:* ECO 251

**(Term II) 4 credits**

M W F, 12:00-2:50 p.m.

### ECO 360 Money and Banking

*Warren Sanderson*

An introduction to modern monetary institutions and mechanisms, their relationship to the economy, and governmental policies in this area.

*Prerequisite:* ECO 252

**(Term II) 3 credits**

Tu Th, 9:00 a.m. 12:10 p.m.

## Electrical Engineering

### ESE 218 Digital Systems Design (formerly ESE 318)

*Mansour Eslami*

Intended to be of use to non-specialists and, in addition, to be part of the digital circuits and systems sequence. The course starts from a description of digital circuits regarded as functional blocks and leads to a consideration of the logical design of combinational and sequential digital systems. It is presented from an applied point of view, utilizing demonstrations and laboratory experiments. Topics include binary representation of information, gate types, combinational circuit designs, counters, registers, arithmetic circuits, sequential circuit design, and programmed logic.

*Prerequisites:* CSE 111 or 114; PHY 102 or CSE 120

**(Term I) 4 credits**

M Tu Th, 9:00 a.m.-1:00 p.m., plus two- to three-hour lab to be arranged.

### ESE 319 Introduction to Electromagnetic Fields and Waves

*Shyam Bajjal*

Fundamental experimental results of electromagnetism. Topics include mathematical formulation of integral laws and derivation and physical interpretation of differential Maxwell equations in free space; interaction of electromagnetic sources and fields; engineering applications; electromagnetic energy and power; generation of electromagnetic fields

and waves in unbounded media by known sources; and transmission-line theory.

*Prerequisite:* ESQ 271

**(Term I) 3 credits**

Tu Th, 9:00 a.m.-12:25 p.m.

### **ESE 340 Basic Communication Theory**

*Nazir Pashtoon*

Basic concepts in both analog and digital data communications: signals, spectra, and linear networks; Fourier transforms, energy and power spectra, filtering; AM, FM, and PM, time and frequency multiplexing; discussion of problems encountered in practice; noise and bandwidth considerations; pulse modulation schemes.

*Prerequisite:* ESQ 271

**(Term I) 3 credits**

Tu Th, 6:00-9:25 p.m.

### **ESG 271 Electrical Sciences I**

*Jeffrey Hantgan*

In this course the efficient generation, storage, and transmission of energy and information are used to motivate the student's introduction to the various fields of electrical sciences. Such topics as signal analysis, electrical measurements, Kirchhoff's laws, linear circuit analysis via Laplace transforms, semiconductor devices, and basic electronic circuits are covered both from the theoretical and practical viewpoints. Computer-aided techniques are included.

*Pre- or corequisite:* CSE 111 or 114;

MAT 221; PHY 102

**(Term I) 4 credits**

Tu Th, 1:00-5:35 p.m., plus one-hour recitation to be arranged

### **ESG 372 Electrical Sciences II**

*Harbans Dhadwal*

The pertinent elements of solid-state physics and circuit theory are reviewed and applied to the study of electronic devices and circuits, including junction diodes, transistors, gates and electronic switches, large-signal and small-signal analysis of amplifiers, amplifier frequency response, and rectifiers and wave-shaping circuits.

*Prerequisites:* CSE 111 or 114;

ESG 271

**(Term II) 4 credits**

Tu Th, 5:00-9:10 p.m., plus one-hour recitation to be arranged

## **English**

### **EGC 101 Composition I**

*Instructors to be announced*

A course in writing. Through the writing and revision of frequent short papers, the student is expected to develop proficiency in

the composition of expository and argumentative essays.

*Prerequisite:* Placement by English Placement Examination or by EGC 101 or ESL instructor. (This course does not satisfy the writing requirement for students who score "Strong" on the Placement Examination.)

**3 credits**

**EGC 101:01 (Term I)**

M W F, 9:00-11:05 a.m.

**EGC 101:02 (Term I)**

Tu Th, 5:30-8:55 p.m.

**EGC 101:03 (Term II)**

M W F, 9:00-11:05 a.m.

**EGC 101:04 (Term II)**

Tu Th, 5:30-8:40 p.m.

### **EGL 205 Survey of British Literature I**

*Don Bialostosky*

The study of British literature from the Old English period to Milton.

*Prerequisite:* EGC 101 or passing English Proficiency Examination or "Strong" on English Placement Examination

**(Term II) 3 credits**

M W, 1:00-4:10 p.m.

### **EGL 206 Survey of British Literature II**

*Clifford Huffman*

The study of British literature from Dryden to the end of the nineteenth century.

*Prerequisite:* EGC 101 or passing English proficiency examination or "Strong" on English Placement Examination

**(Term II) 3 credits**

Tu Th, 1:00 p.m. to 4:10 p.m.

### **EGL 261 The Bible as Literature: Old Testament**

*Leonard Gardner*

The study of literary forms and themes in the Old Testament.

*Prerequisite:* EGC 101 or passing English Proficiency Examination or "Strong" on English Placement Examination

**(Term I) 3 credits**

M W F, 11:30 a.m.-1:35 p.m.

### **EGL 362 Poetry in English**

*Paul Dolan*

The study of the development of form, theme, and language of poetry in English.

*Prerequisite:* One 200-level literature course

**(Term II) 3 credits**

M W, 6:00-9:10 p.m.

### **EGL 396 Literature and Psychology of Adolescence**

*Aaron Lipton*

The study of literary texts dealing with the subject of adolescence. Readings will be mostly twentieth-

century novels written about adolescents and will be studied from various theoretical perspectives (e.g., Freudian, Eriksonian, Family Systems).

*Prerequisite:* One 200-level literature course

**(Term I) 3 credits**

Tu Th, 9:00 a.m.-12:25 p.m.

## **English as a Second Language**

### **ESL 191 Oral/Aural Skills (formerly EFL 191)**

*Instructor to be announced*

Students improve skills necessary for speaking and understanding English. Special emphasis on developing communication capabilities. Class work includes pronunciation, vocabulary development, guided conversation, and listening practice. Language and listening laboratories required.

*Prerequisite:* ESL 186 or departmental diagnostic test

**(Term I) 3 credits**

M W F, 9:00-11:05 a.m.

### **ESL 192 Intermediate Composition (formerly EFL 192)**

*Instructor to be announced*

This course is for students who have attained a degree of fluency in speaking English but need additional training in reading and writing skills. Beginning with basic sentence patterns and working toward paragraph development and, eventually, longer themes, each student has the opportunity to practice many different varieties of writing. May be repeated but counts only once toward graduation.

*Prerequisite:* Permission of instructor, based on outcome of English Placement Examination (246-3452)

**(Term I) 3 credits**

M W F, 2:00-4:05 p.m.

## **French and Italian**

### **FRN 111, 112**

#### **Elementary French I, II**

An introduction to spoken and written French, stressing pronunciation, speaking, comprehension, reading, and writing. Language laboratory will supplement class work. No student who has had two or more years of French in high school (or who has otherwise acquired an equivalent proficiency) may receive credit for FRN 111 without written permission from the

supervisor of the course.

*Prerequisite to FRN 112:* FRN 111

4 credits each course

**FRN 111 (Term I)**

Gisele Kapuscinski

M W Th, 5:00-8:20 p.m.

**FRN 112 (Term II)**

Jacqueline DeWulf

M W Th, 5:00-8:20 p.m.

**ITL 111, 112**

**Elementary Italian I, II**

An introduction to spoken and written Italian, stressing pronunciation, speaking, comprehension, reading, and writing. Selected texts will be read. Practice in language laboratory supplements class work. No student who has had two or more years of Italian in high school (or who has otherwise acquired an equivalent proficiency) may receive credit for ITL 111 without written permission from the supervisor of the course.

*Prerequisite to ITL 112:* ITL 111

4 credits each course

**ITL 111 (Term I)**

Frank Scricco

M W Th, 5:00-8:20 p.m.

**ITL 112 (Term II)**

Leslie K. Morgan

M W Th, 5:00-8:20 p.m.

**FRN 191 Intermediate French I**

Carolyn Eysel

An intermediate course in conversation, composition, and the interpretation of French texts.

*Prerequisite:* FRN 112 or 113

**(Term II) 3 credits**

Tu Th, 9:00 a.m.-12:10 p.m.

**ITL 191 Intermediate Italian I**

Charles Franco

An intermediate course in the reading and discussion of selected Italian texts. An intensive grammar review will offer an opportunity to develop conversational ability.

*Prerequisite:* ITL 112 or 113

**(Term II) 3 credits**

Tu Th, 1:00-4:10 p.m.

## Germanic and Slavic Languages and Literatures

**GER 111, 112**

**Elementary German I, II**

An introduction to spoken and written German, stressing pronunciation, speaking, comprehension, reading, writing, and culture. The course consists of three and one-half hours a day in a small section conducted in German. No student who has had two or more years of German in high school (or who has otherwise acquired an

equivalent proficiency) may receive credit for GER 111 without written permission from the supervisor of the course.

*Prerequisite to GER 112:* GER 111

**(Term I) 4 credits each course**

**GER 111 (First half of term)**

Samuel Berr

**GER 112 (Second half of term)**

Samuel Berr

M Tu W Th F, 9:00 a.m.-12:30 p.m.

**GER 191, 192**

**Intermediate German I, II**

The reading and interpretation of a wide variety of German texts, with a review of German grammar, composition, and conversation. Work in the language laboratory will further develop audiolingual skills.

*Prerequisite to GER 191:* GER 112

*Prerequisite to GER 192:* GER 191

**(Term II) 3 credits each course**

**GER 191 (First half of term)**

Stephanie Hammer

**GER 192 (Second half of term)**

Andrew Mielke

M Tu W Th F, 9:00 a.m.-12:00 p.m.

## Hispanic Languages and Literatures

**SPN 111, 112**

**Elementary Spanish I, II**

An introduction to spoken and written Spanish, stressing pronunciation, speaking, comprehension, reading, and writing. Language laboratory will supplement class work. No student who has had two or more years of Spanish in high school (or who has otherwise acquired an equivalent proficiency) may receive credit for SPN 111 without written permission from the supervisor of the course.

*Prerequisite to SPN 112:* SPN 111

4 credits each course

**SPN 111:01 (Term I)**

Instructor to be announced

M W F, 11:30 a.m.-2:30 p.m.

**SPN 111:02 (Term I)**

Instructor to be announced

Tu Th, 5:30-10:05 p.m.

**SPN 112:01 (Term II)**

Instructor to be announced

M W F, 11:30 a.m.-2:30 p.m.

**SPN 112:02 (Term II)**

Instructor to be announced

Tu Th, 5:30-9:40 p.m.

**SPN 191, 192**

**Intermediate Spanish I, II**

A comprehensive review of the Spanish language. It is intended to develop competence in reading, writing, and speaking Spanish through the study of grammar and



the interpretation of selected literary texts.

*Prerequisite to SPN 191:* SPN 112

*Prerequisite to SPN 192:* SPN 191

3 credits each course

**SPN 191 (Term I)**

Instructor to be announced

M W F, 11:30 a.m.-1:35 p.m.

**SPN 192 (Term II)**

Instructor to be announced

M W F, 11:30 a.m.-1:35 p.m.

**SPN 391 The Culture and Civilization of Spain**

Instructor to be announced

The evolution of the culture and civilization of Spain as seen through its history, art, and literature.

*Prerequisite:* SPN 222

**(Term II) 3 credits**

Tu Th, 6:00-9:10 p.m.

## History

**HIS 102 Introduction to European History:**

**Modern Europe**

John Williams

The study of European ideas and institutions during the nineteenth and twentieth centuries: the growth of industrialism and of democracy; the Marxist challenge and the Russian Revolution; the great world wars and the waning of European hegemony.

**(Term II) 3 credits**

M W, 6:00-9:10 p.m.

**HIS 232 History of Rome**

Per Alin

The development of the Roman Republic and Empire with an emphasis upon the institutions which bound the Roman Mediterranean together and upon the Greco-Roman civilization of the Empire.

**(Term II) 3 credits**

Tu Th, 6:00-9:10 p.m.

**HIS 316 The Healer and the Witch in History**

Helen Lemay

Female healers, their association with "diabolic" powers, and the progressive development of a mechanism for their repression and control. The course will also treat



the development of organized medicine and its impact upon female healers and patients.

**(Term I)** 3 credits  
M W, 5:00-8:10 p.m.

### **HIS 441 Colloquium in American History: Life Cycles and Life Crises Past and Present**

*James Terry*

This course will examine the concept that there are specific stages or periods in every human life and also specific individual crises as a result of age, sex, social class, and period in history. Topics will include childhood and play; adolescence; the relationship of professions to the crises and illnesses of career-minded young adults in the late nineteenth century; the medicalization of the female life cycle; the changes in American attitudes toward the elderly; and such currents of contemporary history as the study of gender-related behaviors and the notion of "mid-life crisis." Perspectives will be primarily historical but will also include aspects of medicine, psychology, sociology, and political economy.

**(Term II)** 3 credits  
M W, 11:00 a.m.-4:10 p.m.

## **Mathematics**

### **MAP 102 College Algebra** *Instructors to be announced*

Intended for students whose preparation in the area of basic mathematics is inadequate for their chosen programs of study. Signed numbers; polynomial manipulation; linear, quadratic, and fractional equations in one variable; graphing; radicals; and right triangle trigonometry. May not be counted toward the College requirement in natural science. Students who have otherwise satisfied the mathematics proficiency requirement may not register for this course. Overqualified students as determined by a placement test may be deregistered and directed to transfer to another course.

*Note:* MAP 102 should be taken by those students who need a review of algebra. Students who never had any algebra are advised to take MAP 101 during the regular academic year.

**(Term I)** 3 credits  
**MAP 102:01** (Lecture)  
M W F, 8:30-10:35 a.m.  
**MAP 102:02** (Lecture)  
M W, 6:00-9:10 p.m.

### **MAT 120 Elementary Functions**

*Instructor to be announced*  
Trigonometric functions, exponential and logarithmic functions, basic

analytic geometry, graphing, composition, and inverse functions. May not be taken after any college calculus course has been passed with a grade of C or higher.

**(Term II)** 3 credits  
(Lecture)  
M W F, 8:30-10:35 a.m.  
(Recitation)  
M W, 3:00-4:00 p.m.

### **MAT 125 Calculus A**

Differentiation and integration of elementary algebraic and trigonometric functions, with emphasis on computations and applications. May not be taken for credit in addition to MAT 131 or 141.

*Prerequisite:* Passing the Mathematics Placement Examination at the appropriate level, or C or higher in MAT 120

3 credits  
**MAT 125 (Term I)**  
*William Fox*  
(Lecture)  
M W F, 11:30 a.m.-1:35 p.m.  
(Recitation)  
M W, 3:00-4:00 p.m.

**MAT 125 (Term II)**  
*Instructor to be announced*  
(Lecture)  
M W F, 11:30 a.m.-1:35 p.m.  
(Recitation)  
M W, 3:00-4:00 p.m.

### **MAT 126 Calculus B**

*Instructor to be announced*  
Integrals as area, volume, and curve length. Differentiation and integration of logarithmic and exponential functions. Techniques of integration. Polar coordinates. Parameterized curves. May not be taken for credit in addition to MAT 132 or 142.

*Prerequisite:* C or higher in MAT 125

**(Term II)** 3 credits  
(Lecture)  
M W F, 11:30 a.m.-1:35 p.m.  
(Recitation)  
M W, 3:00-4:00 p.m.

### **MAT 127 Calculus C**

*Paul Kumpel*  
Infinite series and Taylor series. Derivatives of vector-valued functions; tangents and normals to curves. Vector algebra in two or three dimensions. Functions of several variables; partial derivatives, directional derivatives, the gradient; multiple integrals as volume. May not be taken for credit in addition to MAT 132 or 142.

*Prerequisite:* MAT 126

**(Term I)** 3 credits  
(Lecture)  
M W F, 11:30 a.m.-1:35 p.m.  
(Recitation)  
M W, 3:00-4:00 p.m.

### **MAT 231 Calculus III: Linear Algebra**

*William Barcus*

An introduction to linear algebra with applications to linear differential equations. Systems of linear equations, vector spaces, bases, linear transformations, and matrices. May not be taken for credit in addition to MAT 221 or 241.

*Prerequisite:* MAT 127 or 132 or 142

**(Term I)** 3 credits  
M W F, 2:00-4:05 p.m.

### **MAT 306 Calculus IV: Multivariate Calculus**

*Lowell Jones*

Differential and integral calculus in 2- and 3-space: directional derivatives, differential, Jacobian matrix, chain rule, multiple integrals, line and surface integrals, applications.

*Prerequisite:* MAT 221 or 231 or 241

**(Term II)** 3 credits  
M W F, 11:30 a.m.-1:35 p.m.

### **MAT 312/AMS 302 Finite Mathematical Structures**

*Instructor to be announced*

Topics in applied algebra, concentrating on applications to computer science, sets and binary relations, Boolean algebra, finite state machines, formal languages, groups, modular arithmetic, and finite fields.

*Prerequisites:* MAT 221 or 231 or 241 or AMS 210

**(Term II)** 3 credits  
M W F, 2:00-4:05 p.m.

### **MAT 313 Abstract Algebra**

*Lowell Jones*

Groups and rings together with the homomorphisms and quotient structures. Unique factorization, polynomials, and fields.

*Prerequisite:* MAT 221 or 231 or 241

**(Term I)** 3 credits  
M W F, 11:30 a.m.-1:35 p.m.

## **Mechanical Engineering**

### **ESG 261 Particles and Rigid Body Mechanics**

*Jacob Karni*

A review of vector algebra and calculus with kinematic applications such as curves in space, displacement, velocity, and acceleration of point particles in classical orthogonal coordinate systems; notion of force; statics of a single particle including gravity, friction, electrostatic, and magnetostatic forces; forces as a vector field; moment about a point

and moment about a line, couples, work; equivalent force systems and the wrench; equilibrium of systems of mass particles; special case of the rigid body. Rigid body kinematics and the kinematics of relative motions; single particle dynamics, including charge-carrying particles and elementary linear vibrations; dynamics of clusters of particles; dynamics of the rigid body.

*Prerequisite:* PHY 101

*Pre- or corequisites:* CSE 111 or 114; MAT 221

**(Term I)** 4 credits

(Lecture)

M W F, 9:00-11:50 a.m.

(Recitation)

M, 12:30-2:35 p.m.

## Music

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### MUS 101 Introduction to Music

*Tina Muxfeldt*

The factors that create form and coherence in music will be studied from the listener's point of view. Concepts such as melody, harmony, counterpoint, and rhythm will be illustrated by examples representing diverse historical periods and musical styles. No previous musical training is assumed.

**(Term II)** 3 credits

M W F, 11:30 a.m.-1:35 p.m.

### MUS 119 The Elements of Music

*Jonathan Knight*

The notation of intervals, scales, chords, rhythms, and meters; practical exercises and ear training.

**(Term I)** 3 credits

M W F, 11:30 a.m.-1:35 p.m.

### MUS 303 The Music of Beethoven

*Michael Cherlin*

An exploration of the meaning and continuing relevance of one of the pivotal composers of the western world by the study of his symphonies, string quartets, piano sonatas, and other works.

*Prerequisite:* MUS 101 or 119

**(Term I)** 3 credits

M W, 6:00-9:10 p.m.

## Philosophy

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### PHI 100 Concepts of the Person

*Gary Aylesworth*

An introduction to philosophy through readings and discussion on topics such as human identity, human understanding, human values.

**(Term I)** 3 credits

M W, 1:00-4:10 p.m.



### PHI 105 Politics and Society

*David Dilworth*

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

**(Term II)** 3 credits

M W F, 9:00-11:05 a.m.

### PHI 108 Logical and Critical Reasoning (II)

*Patricia Athay*

The principal aim of this course is to help a student acquire the skills of thinking, reading, and writing critically. The student will develop a sensitivity to language and argumentation that will be applicable to a wide range of situations and subject matter (newspaper editorials, advertisements, books, legal arguments, and puzzles).

**(Term II)** 3 credits

Tu Th, 1:00-4:10 p.m.

### PHI 360 Philosophy of Education

*Antonio de Nicolas*

An inquiry into the function of philosophic principles in educational theories and institutions. The inquiry centers on the purposes of knowledge and education, the relations among the sciences and their organization into curricula, and the ways in which knowledge is acquired and transmitted.

*Prerequisite:* One philosophy course or one course related to education; PHI 104 or 105 recommended

**(Term I)** 3 credits

Tu Th, 6:00-9:25 p.m.

### PHI 372 Ethical Inquiry

*Nancy Gifford*

An investigation of selected ethical problems.

*Prerequisite:* One philosophy course; PHI 104 recommended

**(Term I)** 3 credits

M W, 6:00-9:10 p.m.

### PHI 381 Aesthetics (II)

*Ntall Caldwell*

A study of selected texts in aesthetics (e.g., Plato's *Phaedrus*, Aristotle's *Poetics*, Kant's *Critique of Judgment*, or Nietzsche's *The Birth of Tragedy*). Discussions will focus on such problems as the ontology of the work of art, its epistemological significance, the relation between fact and fiction, criteria of interpretation, or the political import of art. Readings in the classical texts may be supplemented by selections from contemporary authors.

*Prerequisite:* One philosophy course

**(Term II)** 3 credits

Tu Th, 6:00-9:10 p.m.

## Physical Education

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### PEC 102 Racquetball/Squash

*Robert Snider*

This is a basic course covering skills, rules, safety, and court etiquette.

*Note:* Safety goggles must be worn by all students in PEC 102.

**(Term II)** 1 credit

M W F, 9:00-11:05 a.m.

### PEC 145 Physical Conditioning

*John DeMarie*

The acquisition of appropriate skills in and appreciation of physical conditioning. Instruction will be primarily devoted to improvement of muscular strength, flexibility, and endurance with some effort given to weight control. Activities will include weight training with the Universal gym machine and free weights, stretching, calisthenics, and other activities known for their physical conditioning benefits.

**(Term I)** 1 credit

M W F, 11:30 a.m.-1:35 p.m.

### PEC 147 Aerobic Fitness

*John DeMarie*

A fundamental course in body conditioning with stress on cardiovascular endurance, muscular endurance, and flexibility. Students will develop an ability to maintain a high degree of aerobic fitness through long-distance running.

**(Term I)** 1 credit

M W F, 9:00-11:05 a.m.

### PEC 161 Beginning Tennis

*Shawn McDonald*

Complete introduction to tennis for the beginning player. Introductory approach to the game of tennis involving the description and selection of racquets, utilization of various grips, development of footwork, ground strokes, and singles and doubles play. Knowledge of court areas, tennis terminology, proper tennis etiquette, rules, and scoring procedures. Special

emphasis on the fundamentals of the four major strokes: service, forehand, backhand, and volley.

**(Term I) 1 credit**  
M W F, 2:00-4:05 p.m.

### **PEC 164 Volleyball**

*Patti Bostic*

A comprehensive course embodying all aspects of volleyball. Emphasis is placed on the development of the basic skills of the underhand pass, overhand pass, spike, serve, block, and offensive and defensive strategy. Skill development is accomplished through drills and regular team play.

**(Term I) 1 credit**  
Tu Th, 5:30-8:40 p.m.

## **Physics**

### **PHY 101, 102**

#### **General Physics I, II**

An introductory survey of classical physics in which calculus is used concurrently with its development in MAT 131 or MAT 125. Mechanics, wave motion, kinetic theory, and thermodynamics.

*Pre- or corequisite to PHY 101:*  
MAT 125 or 131 or 141

*Pre- or corequisites to PHY 102:*  
PHY 101; MAT 126 or 132 or 142  
4 credits each course

#### **PHY 101 (Term I)**

*Richard Mould*

M W F, 11:00 a.m.-2:15 p.m., plus three-hour lab to be arranged

#### **PHY 102 (Term II)**

*Herbert Muether*

M W F, 11:00 a.m.-2:15 p.m., plus three-hour lab to be arranged

### **PHY 251 General Physics III**

*Erland Graf*

An introduction to the concepts of modern physics. The classical phenomena of forced, damped harmonic motion and waves are studied in detail to provide a firm understanding of classical interference. The wave aspects of material particles, the concept of wave function, and other fundamentals of the quantum theory are then discussed and related to atomic structure, nuclear structure, and the physics of the solid state. Three-and-one-quarter lecture hours and one three-hour laboratory per week.

*Pre- or corequisites:* PHY 102;  
MAT 231

**(Term I) 4 credits**

M W F, 11:00 a.m.-2:15 p.m., plus three-hour lab to be arranged

## **Political Science**

### **POL 101 World Politics**

*Phillip Baumann*

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

**(Term I) 3 credits**  
M W, 1:00-4:10 p.m.

### **POL 102 Introduction to American Government**

*Jeffrey Segal*

What the informed citizen and specialist should know about the organization of American government, including the Constitution and what it means today, the Congress, political parties, pressure groups, growth of the Presidency, the Supreme Court, judicial review, federalism, separation of powers, and the Bill of Rights.

**(Term I) 3 credits**  
M W, 9:00 a.m.-12:10 p.m.

### **POL 103 Introduction to Comparative Politics**

*Peter Schrott*

Analysis of political institutions and processes in the contemporary world, emphasizing the interaction of political structures and processes in a variety of political settings.

**(Term II) 3 credits**  
Tu Th, 1:00-4:10 p.m.

### **POL 104 Political Behavior**

*Subha Ramachandru*

Survey of the types, modes, and conditions of political activity (political participation, apathy, alienation); political consensus and cleavages (aggression, violence, war); political socialization and recruitment of political elites; psychological and social basis of uniformities and variations in political behavior.

**(Term II) 3 credits**  
M W, 1:00-4:10 p.m.

### **POL 260 Introduction to Public Policy**

*Shun Shien Lin*

Discussion and analysis of the processes of agenda setting, formulation, implementation, and evaluation of public policies in selected issue areas such as housing, land use, education, etc. The public policy-making processes of the United States will be compared with those of selected other countries.

*Prerequisite:* POL 102  
**(Term I) 3 credits**  
M W, 1:00-4:10 p.m.

### **POL 322 The Presidency in the American Political System**

*Sam Hoff*

How presidential power developed historically; from what sources the powers of the modern presidency emanate; how decisions are made in the presidential institution; how and to what degree presidential power may or ought to be controlled.

*Prerequisite:* POL 102  
**(Term I) 3 credits**  
Tu Th, 5:30-8:55 p.m.

### **POL 324 American Political Parties and Pressure Groups**

*David Lanoue*

An examination of political party organization, political leadership, finance, campaign techniques, and legal controls over parties; the functions and methods of pressure groups and their interaction with policy makers; the historical origins and development of the American party system; the significance of parties and pressure groups for democratic ideology and the problems of political leadership in a democracy.

*Prerequisite:* POL 102  
**(Term II) 3 credits**  
M W, 9:00 a.m.-12:10 p.m.

### **POL 367 Mass Media in American Politics**

*Margaret Mericle*

Competing theories of the power of the press will be tested by examining the literature on mass media effects—on what the public thinks and what the public thinks about. Various explanations of why news organizations behave as they do will also be assessed. Conflicts between freedom of the press and such values as privacy, national security, and the right to fair trial will be discussed. The relationships between freedom of the press and the public's right to know will also be explored.

**(Term II) 3 credits**  
Tu Th, 1:00-4:10 p.m.

## **Psychology**

### **PSY 103 A Survey of Psychology**

*Ronald Finke*

An introduction to research and theory in psychology in such areas as learning, perception, cognition, psychobiology, development, personality, abnormal, and social psychology. As part of the course students must participate in experiments and/or a library research project. May not be taken

for credit in addition to the discontinued PSY 101 or 102.  
**(Term II) 3 credits**  
Tu Th, 8:30-11:40 a.m.

### **PSY 208 Theories of Personality**

*Debra Swoboda*

Contemporary theories of personality with emphasis on the experimental literature pertaining to personality development and current methods of personality assessment in the applied area.

**Prerequisite:** PSY 103

**(Term I) 3 credits**

M W, 9:00 a.m.-12:10 p.m.

### **PSY 209 Social Psychology**

*Ronald Friend*

A presentation of various topics in social psychology including interpersonal processes, obedience to authority, social perception, attitude change, attraction and liking, aggression and violence, and social change. These topics will be discussed in the context of American social structure.

**Prerequisite:** PSY 103

**(Term I) 3 credits**

M W, 1:00-4:10 p.m.

### **PSY 211 Developmental Psychology**

*Carol Friedman*

A study of the growth processes from fetal development to late childhood. Perceptual and learning characteristics are explained as they relate to increases in cognitive and social competence in the total community. Biological factors are examined as they relate to inheritance of behavior patterns.

**Prerequisite:** PSY 103

**(Term I) 3 credits**

Tu Th, 1:00-4:25 p.m.

### **PSY 241 Brain and Behavior**

*Emily Jablonski*

Introduction to the neural basis of sensory processes, motor control, attention, emotion, learning, cognition, language, and consciousness.

**Prerequisite:** PSY 103 or BIO 101 or 151

**(Term II) 3 credits**

Tu Th, 6:00-9:10 p.m.

### **PSY 300 Research Methodology**

*David Cross*

Basic principles in the design and execution of research in psychology.

**Prerequisite:** PSY 201 or AMS 102

**(Term II) 3 credits**

Tu Th, 9:00 a.m.-12:10 p.m.

### **PSY 319 Human Learning**

*Bernard Baars*

Basic concepts, empirical findings, and theoretical interpretation in the study of learning, knowing,

remembering, and problem-solving. May not be taken for credit in addition to PSY 348 or 350.

**Prerequisite:** PSY 201 or AMS 102

**(Term I) 3 credits**

Tu Th, 9:00 a.m.-12:25 p.m.

## **Religious Studies**

### **RLS 101 Great Religions of the Contemporary World**

*Peter Manchester*

An introduction to the history, doctrine, and religious practices of Hinduism, Judaism, Buddhism, Confucianism, Taoism, Christianity, and Islam.

**(Term I) 3 credits**

M W, 1:00-4:10 p.m.

### **RLS 270 Christianity**

*Peter Manchester*

A critical introduction to the scripture, tradition, history, and religious practices and beliefs of Christianity.

**(Term I) 3 credits**

M W, 6:30-9:40 p.m.

### **RLS 330 Special Topics: Creative Imagining**

*Antonio deNicolas*

The use of the imagination in religious literature. The main texts to be studied are ancient Hindu, Buddhist, and sixteenth-century Christian mystics (John of the Cross and Ignatius of Loyola). The course will focus in a general manner on the models of imagination derived from these texts, the relation of language to those models, and the development of the skills of the imagination as opposed to those of cognition and fantasy.

**(Term II) 3 credits**

Tu Th, 6:30-9:40 p.m.

## **Social Sciences Interdisciplinary**

### **SSI 281 Seminar in Child Development**

*David Lichtenstein*

Students will meet weekly to discuss their experience in the child-care center and to learn basic principles of early childhood education and development relevant to the day-care situation. Lectures and demonstrations of early childhood activities will emphasize language and cognition, social and motor behavior, play, arts and crafts, and

various techniques for organizing group and individual energies.

**Prerequisites:** PSY 211 or SSI 103; permission of instructor (246-8443)

**Corequisite:** SSI 283

**(Term I or II) 3 credits**

Hours to be arranged

### **SSI 283 Practicum in Child Development**

*David Lichtenstein*

Students will work 25 hours a week in a full-day child-care center to gain practical experience in teaching, making materials, and observing pre-school children. Day-book records will be kept and will be one of the bases for discussion in SSI 281. This course will require students to use the knowledge gained in SSI 281 in a closely supervised situation. May not be counted toward the College distribution requirement in social and behavioral sciences nor may it be repeated for credit.

Satisfactory/Unsatisfactory grading only.

**Prerequisites:** PSY 211 or SSI 103;

permission of instructor (246-8443)

**Corequisite:** SSI 281

**(Term I or II) 3 credits**

Hours to be arranged

## **Sociology**

### **SOC 103 Introduction to Sociology**

*Michael Schwartz*

A survey of the main concepts in sociological analysis. This course is the prerequisite for most higher level courses in sociology. May not be taken for credit in addition to SOC 104 or 301.

**(Term II) 3 credits**

Tu Th, 1:00-4:10 p.m.

### **SOC 247 Women and Men**

*Robert Florentine*

The roles of women and men in modern society; changing relations between the sexes; women's liberation and related movements.

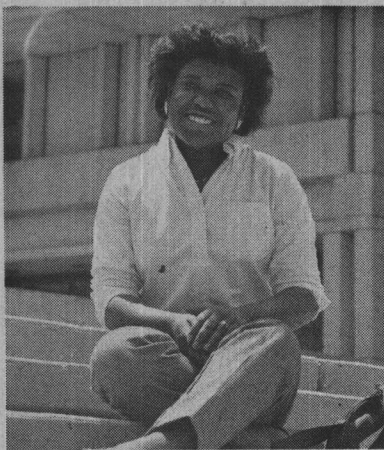
**(Term I) 3 credits**

Tu Th, 5:30-8:55 p.m.

### **SOC 301 Principles of Sociology**

*Joyce Hennessy*

An introduction for upper-division students committed to a major in a different field who want to find out how the sociologist looks at the world. The course will illustrate the use of a sociological perspective in the analysis of the social world, rather than focus on sociological concept development. Topics to be included will be chosen from among the following: ethnic relations, deviance and delinquency, socialization, organizational analysis, the family as a social institution,



population analysis, urban life. Not for credit in addition to SOC 103 or 104 nor for major credit. May be used as a prerequisite for higher level sociology courses in place of SOC 103 or 104.

*Prerequisites:* Upper-division standing; major other than sociology  
**(Term I) 3 credits**  
M W, 6:00-9:10 p.m.

### **SOC 302 American Society** *Michael Schwartz*

Intended for students who wish to look at American society through the eyes of a sociologist. Included in the course is the sociological view of American social structure in terms of power and patterns of inequality, the legal system, ethnic relations, social mobility, and urban problems.  
*Prerequisite:* Upper-division standing  
**(Term II) 3 credits**  
Tu Th, 5:30-8:40 p.m.

### **SOC 308 Social Welfare: Policies and Programs** *Howard Koval*

Consideration of the historical and contemporary social definitions, distribution, and status of the poor in the United States; analysis of alternative explanations for their situation; and study of the effects of social welfare institutions upon the poor.

*Prerequisites:* SOC 103 or 104; either SOC 201 or two other courses in the social sciences  
**(Term II) 3 credits**  
M W, 6:00-9:10 p.m.

### **SOC 310 Ethnic Relations** *Carolyn Peabody*

The formation, migrations, and conflicts of ethnic and other minority groups; prejudice, discrimination, and minority self-hatred.

*Prerequisites:* SOC 103 or 104; either SOC 201 or two other courses in the social sciences  
**(Term I) 3 credits**  
M W F, 8:30-10:35 a.m.

### **SOC 354 Sociology of Law** *Lyle Hallowell*

Law as an institution of social control; the legal profession, court systems, and bureaucratization of the legal process; the relation of law to social change.

*Prerequisites:* SOC 103 or 104; either SOC 201 or two other courses in the social sciences  
**(Term II) 3 credits**  
M W, 1:00-4:10 p.m.

### **SOC 356 Political Sociology** *John Sumser*

Social structure and processes as affecting, and affected by, political behavior and organizations; the sociology of power, authority, and legitimacy.

*Prerequisites:* SOC 103 or 104; either SOC 201 or two other courses in the social sciences  
**(Term II) 3 credits**  
M W F, 9:00-11:05 a.m.

### **SOC 381 Sociology of Organizations** *Randall Simmons*

Bureaucracy as a form of organization; the structure of relations between and within organizations.

*Prerequisites:* SOC 103 or 104; either SOC 201 or two other social science courses  
**(Term I) 3 credits**  
M W F, 11:30 a.m.-1:35 p.m.

### **SOC 387 Sociology of Education** *Shan Nelson-Rowe*

Education institutions as social systems; social patterns in the life-cycles of students and teachers; class and ethnic factors in educational development.

*Prerequisites:* SOC 103 or 104; either SOC 201 or two other courses in the social sciences.  
**(Term II) 3 credits**  
Tu Th, 9:40 a.m.-12:50 p.m.

## **Technology and Society**

### **EST 191 Introduction to Technology Assessment (Issues, Methods, and Cases)** *Sheldon J. Reaven*

Technology assessment and the consideration of alternative futures in relation to social control of technological development. Assessments initiated by a socio-technological problem will also be studied by considering examples such as options for United States energy policy and mass transportation options. A series of innovative small-group activities will be used. Besides the usual seminar format for discussing issues, student

activities will include working with analog and digital computer simulations and doing a term project as part of an interdisciplinary team. Primarily intended for non-engineering majors.  
*Prerequisite:* EST 190 or 192 recommended  
**(Term II) 3 credits**  
M W F, 9:00-11:05 a.m.

### **EST 441 Business Policy, Formulation, and Administration** *Arthur Gilmore*

The problems faced by the general manager in business planning, forecasting, and decision making. Typical case studies relating to establishing objectives and formulating strategies are assigned for class discussion. Analyses of financial statements, production planning, and organizational structures are involved in arriving at recommendations for action. An open elective. Note: this course is referred to in the Business Minor requirements listed in the *Undergraduate Bulletin*.

*Prerequisites:* Any three required courses in the business minor program; permission of instructor (246-6753)  
**(Term II) 3 credits**  
M W, 6:00-9:10 p.m.

## **Theatre Arts**

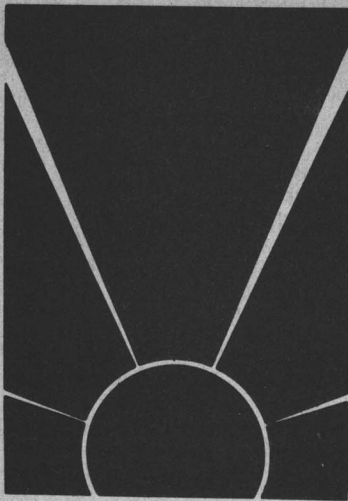
### **THR 244 Summer Theatre Workshop I** *Robert Alpaugh*

Students in the course, in addition to working with the instructor throughout the planning, preparation, and execution of a summer production schedule, will assume positions of responsibility as apprentices for the summer season. May be repeated but will count toward the major for a maximum of six credits.

*Prerequisites:* Application; permission of instructor (246-5670)  
**(June 11-August 5) 1 to 6 credits**  
HTBA

### **THR 344 Summer Theatre Workshop II** *Robert Alpaugh*

Advanced students will be assigned to key positions of responsibility for the running of the summer theatre. May count toward the major with THR 244 for a total of six credits.  
*Prerequisites:* THR 244; application; permission of instructor (246-5670)  
**(June 11-August 5) 1 to 6 credits**  
HTBA



## Graduate Courses

### Meeting Times and Places

Summer Session classes are offered in the morning, afternoon, and evening to accommodate students with different schedules. Courses typically meet on a M W F (Monday, Wednesday, Friday), M W (Monday, Wednesday), or Tu Th (Tuesday, Thursday) schedule for the duration of Term I or Term II. Certain courses, however, may meet four or five times per week. Other courses designated as workshops may span both terms over a three- to five-week period. The specific meeting times for each course are listed after the course description. Students should contact the appropriate departments to arrange times for courses listed as TBA (to be arranged). Please pay particular attention to the starting and ending dates of the courses you are interested in since they may vary somewhat from the dates given for Terms I and II.

Classroom assignments for summer courses will be posted outside the Registrar's office, second floor lobby of the Administration Building, beginning one week before the start of each term. They will also be posted outside the Summer Session office, N-215 Social and Behavioral Sciences Building.

Any changes in class meeting days or times will be posted outside the Office of Records/Registrar and at the Summer Session office.

### Classroom Assignments

Classroom assignments will also be posted and distributed in the Summer Session office and the Registrar's office.

### Graduate-Level Courses

Graduate courses with prefixes other than CE are open to CED graduate students and non-Stony Brook graduate students with the permission of the academic department. Call (516) 246-5000 if a department's phone number is not listed after the course description.

Students interested in independent graduate research or readings during the summer should contact the appropriate department to find out what is available and for what they may register.

For the guidance of students in CED's Master of Arts in Liberal Studies Program, the following abbreviations under each course description indicate the classification of each course:

- AH/Arts and Humanities
- NS/Natural and Applied Sciences
- SB/Social and Behavioral Sciences

### Prerequisites and Permission

The prerequisites shown for some courses refer to courses offered at Stony Brook. Course equivalents earned in other colleges and universities will usually be accepted. If in doubt, contact the appropriate department at Stony Brook. Where permission of the department or instructor is required, students should contact the appropriate department. Call Campus Information at (516) 246-5000 for phone numbers of individual academic departments.

### Course Changes or Cancellations

This bulletin was prepared prior to approval of the New York State Budget for 1985. Some alterations in the courses listed, including cancellation of courses with insufficient enrollment, may have to be made pending approval of the budget. Course cancellations, changes in instructor, or changes in class meeting days and times will be noted in Summer Session Change Notices available in the Summer Session office and the Registrar's office. Summer students are advised to check these notices either in person or by telephoning the Summer Session office at (516) 246-6559 if they have registered early.

## Anthropology

### CET 502 Summer Field School in Long Island

#### Archaeology

#### Kent Lightfoot

The purpose of this course is to

teach graduate students the basic principles of archaeological field

techniques. Students will receive firsthand experience in the survey

and excavation of prehistoric and historic sites on eastern Long

Island. Note: Students registering for this course may withdraw without

penalty through Friday, June 21, 1985. No refunds can be made after

this date.

*Prerequisite:* Permission of instructor

(246-6745)

**(June 24-July 26)**

6 credits/SB

M Tu W Th F, 8:00 a.m.-4:00 p.m.

## Applied Mathematics and Statistics

### AMS 505 Applied Algebra

#### Woo Jong Kim

Review of matrix operations.

Elementary matrices and reduction

of general matrices by elementary

operations, canonical forms, and

inverses. Applications to physical

problems.

*(Term I) 3 credits /NS*

M W, 6:00-9:10 p.m.

## Art

### CEA 503 Textile Arts/Weaving

#### Susan Goldin

The techniques, theory, application,

and critique of textile arts including

weaving, colling, dyeing, and fiber

manipulation. Techniques will

include designing, drafting, loom

dressing, and loom and hand

pattern development in four-harness

structures. Design problems will

emphasize color relationships,

surface texture, and fibers in the

growth of technical and conceptual

skills.

*Prerequisite:* Permission of instructor

to determine if students

background in art or design is

sufficient for participation in this

course (246-7070)

**(July 8-July 31)**

3 credits/AH

M W F, 12:00 noon-4:30 p.m.

### CEA 505

#### Monotypes/Monoprints

#### Daniel Weiden

An exploration of the "unique"

graphic work will be stressed. The

painter as well as the printmaker

will experience facets of this area

including drawing and painting.

Tu Th, 4:00-7:25 p.m.

*(Term I) 3 credits/AH*

sculpture and painting

manifestations as represented in

the universe, as well as their female

Creator, Preserver, and Destroyer of

important deities of Hinduism will

Hindu mythology in art: the most

### CEH 511 Hindu Mythology

#### Ilona Ellinger

An overview of the field of special

education: analysis of school, family

and community responses to

exceptionality; recent issues and

trends; introduction to educational

needs of the school-aged child and

adolescent whose psychoeducational

development requires specialized,

remedial or adapted teaching

approaches; discussion of traditional

and innovative approaches and

materials in the various areas of

special education.

*(Term II) 3 credits/SB*

M W, 5:00-8:10 p.m.



## Comparative Literature

### CEH 534 Women in Literature

#### Carrol Lasker

A study of the works of prominent

world writers in English or English

translation, contemporary and

retrospective. Such basic themes

as identity, love, motherhood,

independence, women and morality,

and relationships will be explored.

Constant references will be made to

other historical concepts that have

helped to shape the role and image

of women from the earliest to

modern times.

*(Term I) 3 credits/AH*

Tu Th, 5:30-8:55 p.m.

## Computer Science

### CEN 563 Advanced

#### Programming for Teachers

#### Nancy Duffin

An intensive course in programming

for teachers who plan to teach

advanced high school computer

courses. A knowledge of PASCAL

and data structures will be assumed.

All programming will be performed

in the computer science VAX/750

undergraduate laboratory.

Assignments will be designed to give

students an understanding of larger

systems such as compilers, editors,

text formatters, and business

systems. In addition, participants will

develop material appropriate for use

in high school computer classes.

*Prerequisite:* CEN 561 or CEN 562

*(Term II) 3 credits/NS*

Instructor (246-7146)

(Lecture)

M Tu W Th, 4:15-6:00 p.m.

(Lab)

Tu W Th, 1:00-4:00 p.m.

## Education

### CFC 542 Education

#### of Exceptional Children

#### and Youth

#### Merrill Zusmer

An overview of the field of special

education: analysis of school, family

and community responses to

exceptionality; recent issues and

trends; introduction to educational

needs of the school-aged child and

adolescent whose psychoeducational

development requires specialized,

remedial or adapted teaching

approaches; discussion of traditional

and innovative approaches and

materials in the various areas of

special education.

*(Term II) 3 credits/SB*

M W, 5:00-8:10 p.m.

**CEE 509 Children's Literature in the Elementary School**

*James Higgins*

The aim of the course is to develop an understanding of children and their literature through a survey of children's books of yesterday and today with hands-on experiences with various types of literature: picture books, traditional literature, modern fantasy, poetry, contemporary realistic fiction, informational books, and biography.

**(Term I)** 3 credits/AH or SB

Tu Th, 5:30-8:55 p.m.

**CEE 543 Contemporary Issues in American Education**

*Alex Baskin*

An examination of current social issues in American education: teacher militancy, merit pay, busing, minority group education, school decentralization, teacher competency exams, textbook selection, court decisions and education, tenure, and separation of church and state. These and other issues will be viewed within an historical framework relating past developments with contemporary practice.

**(Term II)** 3 credits/SB

M W, 1:00-4:10 p.m.

**CEH 528 Reading and Teaching the Short Story**

*Leo Polaski*

Utilizing short stories frequently taught in junior and senior high schools, this course will investigate and demonstrate some of the ways of teaching this useful and popular genre and of producing interesting student writing assignments based on it.

**(Term II)** 3 credits/AH

Tu Th, 2:00-5:10 p.m.

**English**

**CEH 524 The Literature and Psychology of Adolescence**

*Aaron Lipton*

An exploration of adolescent development in the context of literature used by adolescent students in secondary school. Readings will be mainly twentieth-century novels written about adolescents.

**(Term II)** 3 credits/AH or SB

Tu Th, 9:00 a.m.-12:10 p.m.

**CEH 585 The Bible as Literature: The Book of Genesis**

*Leonard Gardner*

A study of the first Book of the Bible, viewed as theological in content, poetic in form. Emphasis will be on the development of the skills of analysis required for the recovery of the meaning of the text.

**(Term I)** 3 credits/AH

Tu Th, 5:00-8:25 p.m.

**EGL 505 Studies in Genre: The Novella**

*Paul Dolan*

A study of the genre that has attracted so many major modern writers. The works will be studies in themselves as an introduction to the stylistic and thematic concerns of these artists: Dostoyevsky, Tolstoy, Melville, James, Conrad, Kafka, Mann, and Faulkner.

**Prerequisite:** Permission of department (246-5080)

**(Term II)** 3 credits/AH

M W, 1:00-4:10 p.m.

**EGL 520 Studies in the Renaissance**

*Clifford Huffman*

An introduction to representative literary and dramatic works of the sixteenth century in England. Readings in the anthologies will be supplemented by library assignments which will include some attention to twentieth-century criticism of this period.

**Prerequisite:** Permission of department (246-5080)

**(Term II)** 3 credits/AH

Tu Th, 5:30-8:40 p.m.

**EGL 540 Studies in Romanticism: The Romantic Lyric**

*Don Blalostosky*

Close readings of the major lyric poems of Coleridge, Wordsworth, Keats, and Shelley, with attention to their generic commonalities and distinctive gestures. The course will be conducted in a combination of lecture, class discussion, and small group discussion.

**Prerequisite:** Permission of department (246-5080)

**(Term I)** 3 credits/AH

M W, 5:30-8:40 p.m.

**General Science**

**CEB 511 Field Studies in Long Island Natural and Cultural History**

*Frank Turano/Susan Grzybowski*

Students will be familiarized with locations in Nassau and Suffolk Counties that characterize the development of Long Island from the time of European settlement to the present. Field studies will investigate the natural and cultural resources available at a particular time. Emphasis will be placed on the natural history of the area and how human activities have modified the resources producing existing conditions. Participants will be expected to do a fair amount of hiking and to car pool to field sites. Note: Students registering for CEB 511 may withdraw from this course

without penalty through Friday, June 28. No refunds can be made after this date.

**(July 1-July 25)**

6 credits/NS or SB

M Tu W Th, 9:30 a.m.-4:30 p.m.

**CEB 579 Science Applied to Coastal Problems: A Workshop for Teachers**

*Graham Glese*

Presentation of basic principles of coastal physics, chemistry, biology, and geology and demonstration of their application to the solution of coastal problems. Designed to enable secondary school science teachers to share with their students the sense of excitement and satisfaction that accompanies the application of the sciences to the understanding and proper management of the coastal environment. Note: Students registering for this course may withdraw without penalty through Friday, June 21. No refunds can be made after this date.

**(June 24-July 19)**

3 credits/NS

M W F, 9:00 a.m.-12:10 p.m.

**CEN 548 Science Establishment in the United States**

*Arnold Strassenburg*

A study of the organizations and institutions that shape American science and the processes by which these bodies make decisions including Congressional committees, advisory bodies to the executive branch, federal fund-granting agencies, national laboratories, and the major industrial and non-profit research and development laboratories.

**Prerequisites:** One full year of a social science and one full year of a natural science.

**(Term II)** 3 credits/NS or SB

Tu Th, 6:00-9:10 p.m.

**History**

**CES 538 Contemporary Europe, 1945-Present**

*Richard Kuisel*

This course will study the recent European past from the perspective of comparisons with contemporary America. The aim is to understand how Europeans, both East and West, have met problems common to advanced industrial societies and also how they have lived in a world dominated by the rival superpowers. Some major topics are: the cold war, the welfare state, consumer society, democratic socialism, managed capitalism, and national communism.

**Prerequisite:** One survey course in modern European or American history

**(Term I)** 3 credits/AH or SB

M W, 6:30-9:40 p.m.



## Labor/Management Studies

### CES 514 Collective Bargaining and Arbitration in the Public Sector

Frank M. Marlow

The mushrooming of union membership at all levels of government employment in the '60s; early resistance and gradual accommodation to collective bargaining, with emphasis on the New York State experience. The evolution of labor relations philosophy in New York as exemplified in the change from Condon-Wadlin to the Taylor law. Labor relations in a unionized agency; the role of public opinion and politics in public sector bargaining; management and labor strategies employed in famous cases; negotiating agency contracts and impasse resolution of grievances and contracts. The class prepares, presents, and critiques a public sector arbitration case. **(Term I) 3 credits/AH or SB**  
M W, 6:00-9:10 p.m.

## Linguistics

### LIN 527 English Grammar and Usage

Frank Anshen

An analysis of "good" and "correct" usage of English for practical application in the classroom. **(Term II) 3 credits/AH or SB**  
Tu Th, 2:00-5:10 p.m.

### LIN 532 Second Language Acquisition

Devashree Chattopadhyay

This course examines the major theories, methods, and findings in the field of second language acquisition, with emphasis on the nature of the cognitive processes and variables involved, the possibility of designing empirical studies, and the implications of such studies for second language teaching. **(Term I) 3 credits/AH or SB**  
Tu Th, 4:00-7:25 p.m.

### LIN 571 Practicum in TESOL I

Instructor to be announced  
Reading: the teaching of English to non-native speakers. Practical classroom experience. **(Term I) 3 credits/AH or SB**  
Hours to be arranged

### LIN 572 Practicum in TESOL II

Instructor to be announced  
Speaking: the teaching of English to non-native speakers. Practical classroom experience. **(Term I and II) 3 credits/AH or SB**  
Hours to be arranged

sition, and inverse functions. May not be taken after any college calculus course has been passed with a grade of C or higher.  
Prerequisite: Permission of department (246-4062)  
3 credits

**(June 24-July 19)**

M Tu Th F, 10:30-11:50 a.m. and 1:00-2:15 p.m.

## Mathematics

### CEN 532 History of Mathematics

Eugene Zaustinsky

A survey of the history of mathematics and its effect upon civilization from ancient through modern times. **(Term I) 3 credits/NS**  
Tu Th, 6:00-9:25 p.m.

### CEN 542 Linear Algebra

Paul Kumpel

Introduction to vectors and matrices. Systems of linear equations. Gaussian elimination, determinants, Cramer's rule. Dot product and cross product. Linear transformations, eigenvalues and eigenvectors. Isometries. Dimension. Applications to analytic geometry. **(Term II) 3 credits/NS**  
Tu Th, 1:00-4:10 p.m.

### MAT 511 Fundamental Concepts of Mathematics

William Fox

The axiomatic method. The theory of sets. Introduction to mathematical logic. The construction of number systems. The philosophy of mathematics. Primarily for secondary school teachers of mathematics. Prerequisite: Permission of graduate program director of mathematics (246-4062)  
**(Term III) 3 credits/NS**  
M W, 5:30-8:40 p.m.

### MAT 515 Geometry for Teachers

Eugene Zaustinsky

A re-examination of elementary geometry using concepts from analysis and algebra. **(Term II) 3 credits/NS**  
M W, 1:00-4:10 p.m.

The following undergraduate mathematics courses are open only to secondary school teachers seeking mathematics recertification. See the end of the graduate course listing for details of this program.

### MAT 120 Elementary Functions

Anthony Phillips

Trigonometric functions, exponential and logarithmic functions, basic analytic geometry, graphing, compo-

### MAT 125 Calculus A

William Barcus

Differentiation and integration of elementary algebraic and trigonometric functions, with emphasis on computations and applications. May not be taken for credit in addition to MAT 151 or 141.

Prerequisite: Permission of department (246-4062)  
3 credits

**(July 22-August 16)**

M Tu Th F, 10:30-11:50 a.m. and 1:00-2:15 p.m.

## Philosophy

### PHI 552 Parents and Children

Lee Miller

This course will use lecture, small-group discussions, and readings to explore the responsibilities and techniques of parenting. Topics for discussion may include the duties of parents and children, paternalism and obedience, and the varying challenges of different stages in children's development, non-sexist childbearing, and moral development.

**(Term I) 3 credits/AH or SB**  
Tu Th, 6:00-9:25 p.m.

## Physical Education

### CEP 502 Principles of Coaching

Teri Tiso

The purpose of this course is to review selected principles of coaching and to incorporate an appreciation of this knowledge into a framework of competitive athletics. Attention will be given to the potential of the coach to significantly influence the attitudes, behavior, and physical well-being of players toward their own self-development.

**(Term I) 3 credits/SB**  
M W, 6:00-9:10 p.m.



### **CEP 509 Theories of Movement and Dance Expression**

*Claire Dorgan*

This course will consider the leading theories of movement education and will focus on the therapeutic value of dance. Active participation will facilitate a sensitive understanding of the dance methodology necessary to guide and lead a wide variety of groups, including pre-school, elementary school, special education, and the elderly.

*Prerequisite:* Some dance background would be helpful

**(Term I)** 3 credits/SB  
Tu Th, 5:00-8:25 p.m.

### **CEP 513 The Care and Prevention of Athletic Injuries**

*Kathy Koshansky*

This course is an in-depth analysis of the care and prevention of athletic injuries. With the increasing awareness of the specialized nature of injuries which can result from participation in physical activity, considerable emphasis is now being placed upon the importance of this developing area of sports medicine.

**(Term II)** 3 credits/SB  
M W, 6:30-9:40 p.m.

## **Psychology**

### **CES 566 Child Development**

*Richard Newman*

An introductory consideration of the principles of developmental psychology, with emphasis on the implications of basic research for applied human concerns. Principal consideration is given to social development in the elementary school years, although earlier and later development will be included to some extent.

**(Term I)** 3 credits/SB  
M W, 5:00-8:10 p.m.

## **Social Sciences Interdisciplinary**

### **CES 596 Psychology of Women**

*Sarah Sternglanz*

The female experience will be explored in the context of social institutions such as marriage, motherhood, higher education, and the workplace. Research on sex differences in abilities, achievement, communication, and socialization will be discussed. Problems of importance to women concerning rape, domestic violence, abortion, and health care will also be discussed. Theory and research on women and mental health, mental illness, and psychotherapy will also be considered. Emphasis will be placed on the major social changes affecting women in recent years, i.e., women's greater participation in the work force and the rapid increase in single parent households.

**(Term I)** 3 credits/SB  
M W, 6:00-9:10 p.m.

## **Sociology**

### **CES 589 Courtship and Marriage in Contemporary Society**

*David Bouchier*

Recent changes in the structure and function of American courtship practices and family forms; demographic, structural, inter-personal, and cultural factors; variant forms of courtship and family organization.

**(Term I)** 3 credits/SB  
Tu Th, 5:30-8:55 p.m.

## **Technology and Society**

### **CEN 597 Technological Concepts and Systems**

*Robert G. Silverman*

This course will develop an understanding of technological systems and their relationship to human needs. Concepts and system components will be studied to give us the ability to analyze the structure of technology and its impact on our world. Historical developments, current conditions, and future trends will be discussed. Experience with learning/teaching media and field visitations will help apply these concepts to actual situations. Note: This course has been designed to prepare individuals to teach the newly required 7th and 8th grade technology education program as well as those teachers who wish to introduce technological concepts

into other secondary school courses.  
**(Term I)** 3 credits/NS or SB  
M W, 5:30-8:40 p.m.

### **EMP 503 Legal and Regulatory Aspects of Management**

*Arthur Gilmore*

This course provides a survey of business and regulatory law. Topics discussed include contracts, sales, and forms of business organizations. An overview is provided of antitrust, environmental, and civil rights legislation and their impact on business.

**(Term I)** 3 credits/SB  
M W, 6:00-9:10 p.m.

### **EST 565 Personal Computers in Learning Environments**

*Thomas Liao*

This course will provide exposure to and experience with several of the "personal" microcomputers. The intent of this course is to cover topics on basic specifications and characteristics of several machines, to introduce the student to the commercial programs that are available for these machines, and to the use of them in the classroom. It is expected that at the end of the course students will be able to develop a working program that could be used in a classroom.

*Prerequisite:* EST 583 or CEN 583  
**(Term II)** 3 credits/NS or SB  
Tu Th, 9:00 a.m.-12:10 p.m.

### **EST 583 Computer Literacy**

*David Ferguson*

A course to provide a basic understanding of digital computers, how they work, and their applications. The benefits from and threats to society from their use. Emphasis will be placed on applications in education, business, robotics, medicine, and government. Actual experience with the computer will include introduction to programming, algorithmic problem formulation, and running existing programs on microcomputers.

**(Term I)** 3 credits/NS or SB  
Tu Th, 5:30-8:55 p.m.

### **EST 587 Today's Technology, Impact on Education and Economics**

*Douglas Hill*

Technological developments are now recognized as stimuli for our dynamic economy. Sustained vitality in this area depends heavily on people who have acquired appropriate knowledge and development programs. This course will involve the student in studies of the science, technology, and economics of our four selected areas: electronics, transportation, energy, and health sciences. Classroom time will be supplied

mented by visits to appropriate facilities in each area. Individuals and groups will also plan for the use of information in their specific areas of responsibility. For example, teachers will have the responsibility for developing teaching strategies for use of the information in their class and for student career advice and preparation. Others from commerce and industry will want to learn of the powerful influence of technological development on regional economics. This knowledge should prove helpful in carrying out strategic planning and forecasting with the student's organization.  
**(Term I) 3 credits/NS or SB**  
*Tu Th, 6:00-9:25 p.m.*

## Theatre Arts

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### **CEA 582 Costume Design and Execution**

*Sigrd Insull*

Theory and practice of costume for the stage. Students will design selected projects in a variety of artistic themes for drama, comedy, opera, and ballet. Formulation of the design concept, design rendering techniques, and alternate methods of visual expression will be explored. Students will become familiar with the use of costume shop equipment and various methods of costume shop construction.

*Prerequisite:* Some design or sewing experience desirable

**(June 25-August 5)**

**3 credits/AH**

*Hours to be arranged*

### **CEA 584 Stage Lighting for High School and Community Theatre**

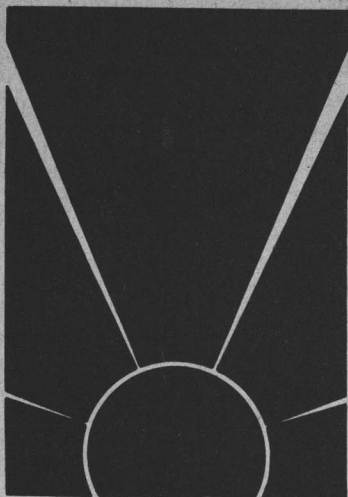
*Robert Heller*

An introductory course in fundamental lighting techniques and equipment, with particular attention to the budgetary and physical limitations found in high school and community theatres. The course will include lectures, demonstrations, and practical lab work in conjunction with the Summer Playhouse.

**(June 25-August 5)**

**3 credits/AH**

*Hours to be arranged*



## Special Programs for Teachers

### **Institutes for In-service Credit**

Several one- and two-week in-service institutes will be offered for teachers during the month of July. These institutes will supplement the summer graduate course offerings and are specifically designed for teachers. Those who successfully fulfill the requirements of an institute will be issued a letter of completion which will recommend that the institute be considered for in-service credit by the school district. The following institutes will be offered this summer:

Exploration of Values through the Plays of Shakespeare  
Incorporating Health Promotion in the Classroom  
Integrating Basic Scientific Research into the Teaching  
of Science and Mathematics  
Museum Workshop  
Problem Solving in the Secondary School Science Lab  
Science, Technology, and Arms Control  
Teaching Poetry  
Teaching Writing

To receive a brochure containing details of these in-service institutes, call or write to the Summer Session Office, N-215 Social and Behavioral Sciences Building, SUNY at Stony Brook, Stony Brook, NY 11794-4317; telephone (516) 246-6559.

For information about a French Immersion Institute for French teachers, July 14 to 26, contact the Department of French and Italian, SUNY at Stony Brook, Stony Brook, NY 11794-3359; telephone (516) 246-8676.

### **Workshops for Graduate Credit**

The following summer workshops and field schools are of particular interest to teachers. Their dates, days, and times are listed in the preceding graduate course listing. All are offered for graduate credit.

CEA 503 Textile Arts/Weaving  
CEA 582 Costume Design and Execution  
CEA 584 Stage Lighting for High School and Community Theatre  
CEB 511 Field Studies in Long Island Natural and Cultural History  
CEB 579 Science Applied to Coastal Problems  
CET 502 Summer Field School in Long Island Archaeology

### **Secondary Mathematics Certification Program**

The Department of Mathematics offers a sequence of courses designed to satisfy the New York State Secondary Mathematics Certification Requirement. This two-year sequence consists of eight courses, beginning with algebra and trigonometry. It includes six credits of calculus and a selection of courses designed especially for secondary school mathematics teachers. Optional courses in computer science are also available. Most of the courses in the sequence can be applied to the Master of Arts in Liberal Studies.

Academic year courses are offered in the evening. Two undergraduate courses will be offered during the eight-week period beginning June 24. (See the mathematics course listing in this section of the bulletin for days and times and the number to call for permission to register for these courses.)

Proficiency in high school algebra is a prerequisite for this curriculum. Completion will normally take two academic years (one course per semester) and two summers. The curriculum can be accelerated and completed in two summers and one academic year, and it can be modified for those who wish certification only for grades 7 through 9.

For further information and application materials, contact Professor Anthony Phillips, Mathematics Department, SUNY at Stony Brook, Stony Brook, NY 11794-3651; telephone (516) 246-4062.

**INSTRUCTIONS:**  
 1. Complete **all** unshaded areas. Print neatly. Read instructions at bottom.  
 2. Entries must not exceed the number of spaces allocated.  
 3. Blank spaces, commas, hyphens, etc. require one space each.  
 4. This form may not be used by currently enrolled undergraduate students at Stony Brook or by any graduate students. All Stony Brook students (including CED and visiting graduate students) wishing to register should follow the instructions in the Registration section of the Summer Session bulletin.

(To be completed only by undergraduate students NOT currently enrolled at SUNY at Stony Brook)

**MAY 15, 1985**  
 Deadline for receipt of mail registration  
 Do not mail BEFORE April 22.

1 9  
 ID (Social Security) Number

10 12 35  
 NAME [Enter Last Name (comma) First Name (space) Middle Initial]  
 (Do NOT leave a space between the comma and First Name)  
 Other name under which your records may be found

**ACADEMIC DATA - For Office Use Only**

36 Permanent Entrance Code  
 37 Entrance Class  
 39 Entrance Date  
 43 Semester Status Code  
 44 Classification Code  
 46 ETR Status  
 47 Major

**PERSONAL DATA**

54 MO DAY YR Birth Date  
 60 Sex F=Female M=Male  
 61 Marital Status S=Single M=Married D=Divorced G=Separated W=Widowed  
 62 Ethnic Code  
 64 Veteran Code V=Veteran without benefits B=Veteran with benefits  
 71 Citizenship Code 1=U.S. Citizen 2=Non-citizen Permanent Resident 3=Non-citizen on Student Visa 4=Non-citizen on other visa  
 Indicate U.S. Permanent Resident Number: \_\_\_\_\_  
 Date of Entry: \_\_\_\_\_

If any Non U.S. Citizen code was entered in Citizenship Code above, indicate the Country of Citizenship:  
 4 R 10 17 35 Country of Citizenship

**PERMANENT HOME ADDRESS** (Foreign Students enter a U.S. address): 2 R 2 10 12  
 (Do Not use College Address)

13 State County Geographic Codes  
 17 Number and Street 39  
 40 City, State 58 59 Zip Code 63 64 (Area Code) Home Telephone No. 73

- Have you been enrolled at Stony Brook before this Summer Session?  Yes  No If yes, enter latest term of attendance: \_\_\_\_\_  
 (NOTE: Degree credit will not be awarded to former SUSB students dismissed for academic deficiency unless the period of dismissal has been terminated by an Academic Standing Committee.)
- Have you applied for admission to Stony Brook for this Fall semester?  Yes  No  
 (NOTE: This form cannot be used for Fall admissions. Please contact Office of Admissions about admissions procedures.)
- If you are/were attending another college or high school this spring, please name: \_\_\_\_\_ Anticipated year of graduation: \_\_\_\_\_
- Where did you hear about Stony Brook's Summer Session or obtain this bulletin? \_\_\_\_\_
- What course(s) would you like to take here next summer? \_\_\_\_\_
- If you have earned a degree from Stony Brook, please enter the degree and the date degree was awarded: \_\_\_\_\_

**IF YOU ARE REGISTERING BY MAIL, LIST COURSES BELOW (8 credit maximum per SUMMER TERM)**

Department Abbreviation	Course Number	Section	Credits	Term I or II	COURSE TITLE

To determine tuition charges, please complete the fee computation worksheet on the back of this mail registration form. Return the form and payment no later than May 15, 1985, to the address shown on the fee computation worksheet. After May 15 all students must register for courses in person. Mail registrations received after the May 15 deadline will be returned. Students who register by mail and who later wish to add or drop a course must come to campus and do so in person. NOTE: do not forget to complete the fee computation worksheet on the reverse side.

I hereby certify that the information I have submitted is complete and accurate to the best of my knowledge.

Signature of Student: \_\_\_\_\_ Date: \_\_\_\_\_

# FEE COMPUTATION WORKSHEET FOR SUMMER SESSION MAIL REGISTRATION

(For Use Only by Undergraduate Students NOT Enrolled at Stony Brook During the Academic Year)

*This worksheet is to be completed and returned by undergraduate students who are registering for courses and/or applying for housing by mail. It must be returned with your Mail Registration and/or Housing Application forms, as appropriate.*

<u>TUITION</u>	(pick appropriate category, enter number of credits for which you are registering and multiply the rate by the credits to determine tuition costs.)	Rate	X	Number of Credits	=	Fee
UNDERGRADUATE (NEW YORK STATE RESIDENTS)		\$ 45.00		_____		\$ _____
UNDERGRADUATE (OUT-OF-STATE RESIDENTS)		107.00		_____		_____
<u>COLLEGE FEE</u>	- All students - multiply rate by number of credits to determine	\$ .85		_____		\$ _____
<u>HOUSING</u>	(If you are requesting housing: enter appropriate total(s) in Fee column. Completed Housing Application must be returned with payment)					
TERM I		\$330.00				\$ _____
TERM II		330.00				_____
<u>ACTIVITY FEE</u>	(This fee is required of all summer undergraduate students and is used to fund social and recreational activities for summer students. Please cross out the amount that does not apply to you.)	\$ 15.00 per term (mandatory) (If you are attending BOTH Summer Session terms, the Fee is \$30.00.)				\$ 15.00 or \$ 30.00

**TOTAL CALCULATED BILL:** \$ \_\_\_\_\_

Print your name and college ID. number (Social Security No.) on this line

Payment may be made by check (payable to SUNY at Stony Brook) or by VISA/MasterCard (complete authorization form below). Forms received without payment or charge card authorization will be returned.

This form, along with payment (or authorization) and housing and registration form(s) should be returned directly to:

**P.O. Box 619, Department SS, Stony Brook, New York 11790**

SUNY at STONY BROOK      AUTHORIZATION FOR USE OF VISA/MASTER CARD      BURSAR'S OFFICE

I, \_\_\_\_\_, authorize the State University of New York at Stony Brook to charge my

VISA ACCOUNT NO.: [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ]      VALID DATES: \_\_\_\_\_ thru \_\_\_\_\_

MASTER CARD ACCOUNT NO.: [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ]

MASTER CARD INTERBANK NO.: [ ] [ ] [ ] [ ]      VALID DATES: \_\_\_\_\_ thru \_\_\_\_\_

For: \$ \_\_\_\_\_      Student Home Phone No.: ( ) \_\_\_\_\_

Name of Student: \_\_\_\_\_      Student ID No.: [ ]  
Last                                  First                                  M.I.

Address: \_\_\_\_\_

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

**1985 MAIL APPLICATION FOR SUMMER HOUSING**

**May 10, 1985**

Students who are NOT living on campus for the SPRING semester must complete this application and return it by the date shown. Current SPRING residents must apply in person at Residence Life Office between April 29 and May 10. Housing cannot be guaranteed after the date shown.

Deadline for receipt by mail of Housing Application.

Name: \_\_\_\_\_  
Last First

College ID No.: \_\_\_\_\_  
Social Security Number - optional

Date of Birth: \_\_\_\_\_  
Month Day Year

Permanent Home Address: \_\_\_\_\_  
Number & Street Apt. No.

Sex:  Female  Male

City - Town - Village \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_ Home Tel. No.: \_\_\_\_\_

In which summer term(s) will you be enrolled? Specify the numbers and names of all courses you will be taking during each term:

Term I courses \_\_\_\_\_ Term II courses \_\_\_\_\_

Period of housing for which you are applying: Check all sessions that apply to you. Appropriate payment must accompany completed form.

TERM	DATES	FEE SCHEDULE
<input type="checkbox"/> Term I	May 28 - July 9	\$ 330.00
<input type="checkbox"/> Term II	July 10 - August 20	\$ 330.00

Please complete and return the Fee Computation Worksheet in this Bulletin with your completed application and payment in full.

Roommate Request: List the name(s) of any student(s) with whom you wish to reside during your summer term(s).

I prefer that my roommate(s) be a  non-smoker(s)  smoker(s)  
 I would be interested in enrolling in a meal plan, if a meal plan were to be offered this summer.

Applications are processed on a first-come, first-served basis. No application will be processed unless appropriate payment accompanies the form and it has a written signature.

I have read and agree to the TERMS OF AGREEMENT and will abide by them as they relate to my summer housing. Copies of the terms may be obtained in the Office of Residence Life, Room 138, Administration Building, SUNY at Stony Brook, Stony Brook, NY 11794.

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

**- FOR OFFICE USE ONLY - DO NOT WRITE IN THESE SPACES -**

**BURSAR'S VALIDATION:**

Date: \_\_\_\_\_ Receipt Number: \_\_\_\_\_

Amt. Paid: \$ \_\_\_\_\_ Cashier: \_\_\_\_\_

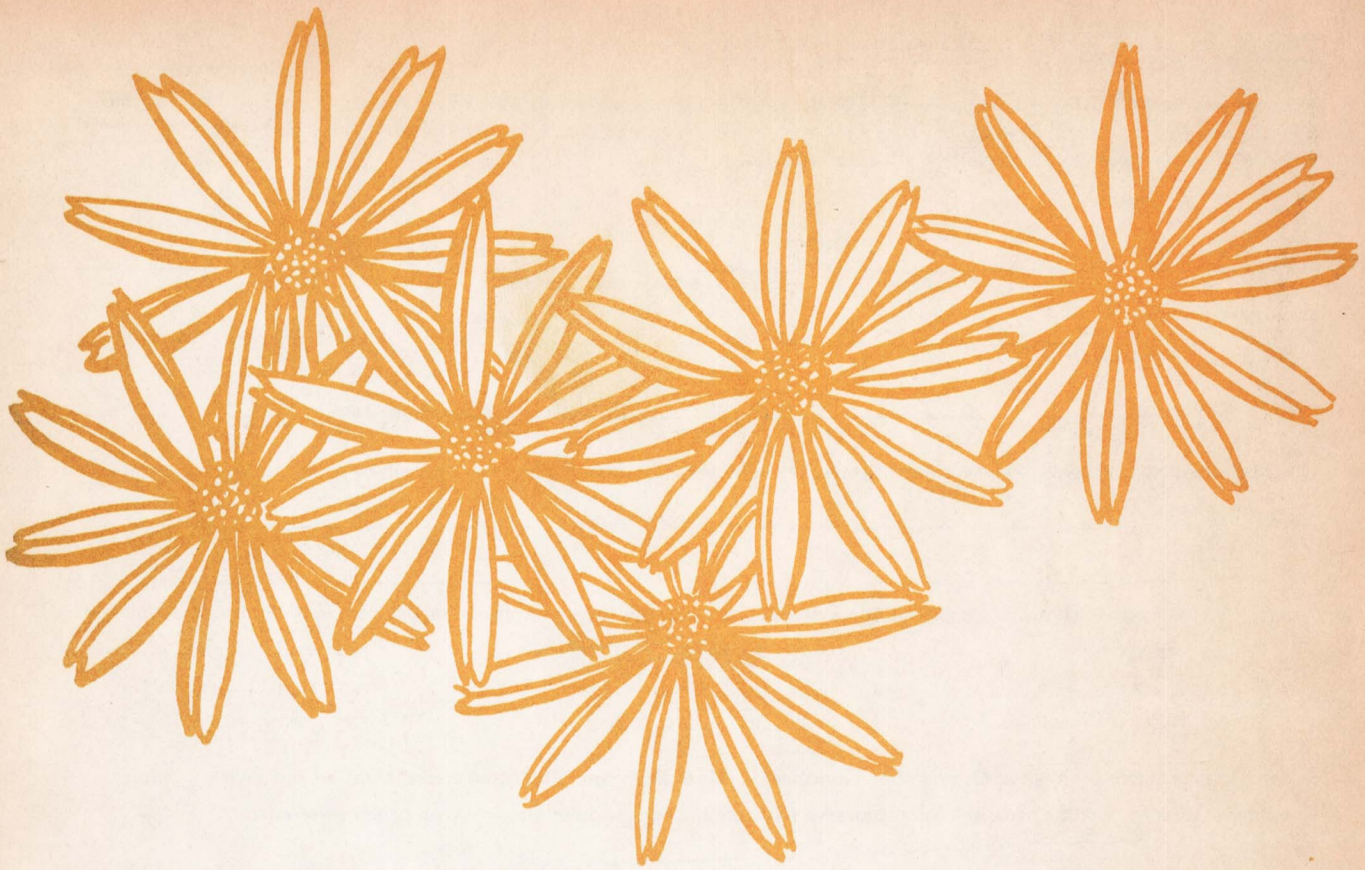
**OFFICE OF RESIDENCE LIFE:**

Name of Student \_\_\_\_\_

Assignment: \_\_\_\_\_  
(Quad) (College) (Room)

Check in Times and Dates

*The State University of New York at Stony Brook does not discriminate on the basis of race, religion, sex, color, national origin, age, disability, marital status, or status as a Vietnam era veteran in education programs and activities and admission to such programs and activities or in employment at the University.*



**Office of Summer Session**

N-213 Social and Behavioral Sciences Building  
State University of New York at Stony Brook  
Stony Brook, NY 11794-4317

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**1985 Summer Session**