

Summer Session 1987

THE STATE UNIVERSITY OF NEW YORK AT STONY BROOK



StonyBrook

***The Summer Session
is a service for the entire University Community
provided by The Center for Continuing Education.***

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**Center for Continuing
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N-201 Social and Behavioral Sciences
Building

Bookstore/632-6550
Melville Library, ground floor

Bursar/632-6116
261 Administration Building

**Financial Aid and Student
Employment/632-6840**
230 Administration Building

Foreign Student Affairs Office
632-7025
113 Central Hall

Graduate School/632-7040
2401 Lab Office Building

I.D. Office/632-6345
191 Administration Building

Library (main)/632-7110

MA/LS Advising/632-7050
N-201 Social and Behavioral Sciences
Building

Public Safety/333
144 Administration Building

Records/Registrar/632-6885
276 Administration Building

**Science, Mathematics and Technology
Education Center/632-7075**
202 Harriman Hall

Student Accounts/632-6176
254 Administration Building

Teacher Certification Office/632-7055
N-223 Social and Behavioral Sciences
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**Undergraduate Academic
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E-3310 Library

Undergraduate Admissions/632-6868
118 Administration Building

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E-3310-3350 Library

*When writing to any of these offices, please
add: SUNY at Stony Brook, Stony Brook,
NY 11794*

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On the cover:

Balloonists prepare to launch their craft in an annual celebration of summer in the Three Village area. Courtesy of **Beverly Tyler**

The State University of New York at Stony Brook is an affirmative action/equal opportunity educator and employer.



I invite you to Stony Brook this summer for an educational adventure, or to look at it another way, an academic vacation. Long Island is at its best in the summer, with its miles of beaches along the Sound and Atlantic coasts, its historic towns, and its proximity to New York City. Stony Brook, nestled in the wooded north shore near the historic Three Villages, Port Jefferson and Smithtown, adds to summer's riches a host of new and innovative courses and programs for the entire Long Island community.

Whether your interest is in undergraduate courses, graduate courses, programs for teachers, special language and science institutes or cultural offerings, you should find something to interest you at Stony Brook this summer.

At night and on weekends, you are invited to Stony Brook's acclaimed International Theatre Festival and Bach Aria Festival. These cultural events bring the community together with performers and participants from around the nation and the world. This educational vacation is possible here on Long Island at the State University at Stony Brook. Please join us for a summer of academic adventure.

Sincerely,

A handwritten signature in cursive script that reads "John Marburger". The signature is written in dark ink and is positioned above the printed name and title.

*John H. Marburger
President*

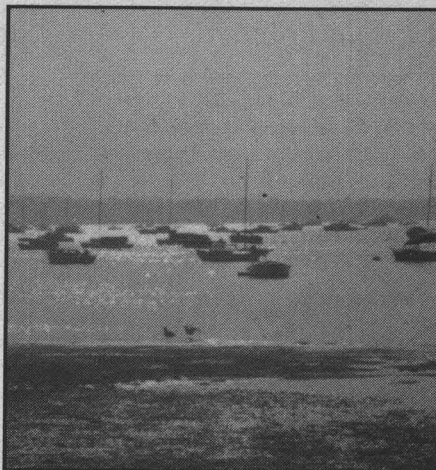
Introduction

Learning takes place year-round at Stony Brook and the campus is bustling in summer, though at a more relaxed pace. This catalog lists all the opportunities for summer study at Stony Brook, both formal and informal. Summer students and visitors can take undergraduate and graduate courses with Stony Brook's internationally known faculty, study in specialized summer workshops and institutes taught by leading experts in their fields, take credit and noncredit courses for professional development, or prepare themselves to return to school as adult students. Outside of class they can attend lectures, concerts, and plays or explore the historic Three Villages and Port Jefferson or nearby North Shore beaches, a short bike trip from campus.

This catalog includes all the information a prospective summer student or visitor needs to participate in a summer at Stony Brook.

Institutes and Special Programs Listing

In addition to increasing the number of credit courses it offers during the summer, Stony Brook has expanded its special programs; these are listed in the section of the catalog which immediately follows this introduction. New this year are a computer graphics workshop, several foreign language institutes, and a series of refresher courses for "returning" adult students who wish to brush up on their skills in math and English or to develop computer literacy. A number of new real estate licensing courses have also been added. Finally, a variety of courses are available for teachers who wish to study for professional development or teacher certification. All these programs are described in this section of the catalog and include the appropriate application forms for easy enrollment.



Undergraduate Course Listing

Stony Brook is offering almost 200 undergraduate courses this summer, most taught by instructors who have fulltime affiliation with Stony Brook during the academic year. The summer courses are balanced between lower and upper division, day and evening, traditional and unique. This way the University can offer courses for everyone. Many summer classes are smaller than during the academic year allowing students to enjoy closer interaction with the faculty.

Stony Brook has an open admission policy for all high school graduates during the summer and almost one-third of the summer undergraduate students are visiting students. Some of these return to study at Stony Brook during the academic year; some attend other institutions during the academic year. A selected number of qualified high school students also attend the Summer Session.

Graduate Course Listing

More than 50 graduate courses are listed in this section of the catalog; many are of special interest to teachers. In addition to the six-week courses each term, several special institutes and field courses take place on a condensed schedule during July and August. These range from archaeology to foreign languages to science.



General Information

The next sections include complete information for new and continuing students on admissions and registration, tuition and fees, grades and transcripts, housing and meals, as well as the types of academic and other student services available each summer.

Outside the Classroom

The many social, cultural, and recreational activities that abound on campus each summer cover a broad spectrum that includes the prestigious Bach Aria Festival, an acclaimed international theatre festival, and study abroad opportunities, as well as softball leagues, movies, and barbecues.

Application Forms

The back of this catalog contains the registration form for visiting undergraduate students, a fee computation worksheet, and the application form for summer housing. Students who need help in completing any of these forms should call the summer hotline at 632-7070.

Special Programs and Institutes

Computer Graphics Seminar

The rapidly expanding field of computer graphics is changing the direction of visual communications and affecting all areas of the profession - from business graphics and the print media to motion graphics and animation. This two-day workshop by Judson Rosebush will introduce the vocabulary of computer graphics in both artistic and technical applications. Mr. Rosebush will cover two-dimensional techniques used in design and illustration as well as three-dimensional techniques used in mechanical design. He will use full color slides and video tapes of computer animation to illustrate the key concepts of computer graphics.

Included in the workshop fee is a copy of Mr. Rosebush's recently published textbook, *Computer Graphics for Designers and Artists*. This workshop is cosponsored by the Center for Continuing Education and the Department of Art. August 6-7, 1987; 9:00 a.m. - 4:00 p.m. Fee: \$95

JUDSON ROSEBUSH is a pioneer in the field of computer graphics, having made his first computer animation in 1970. In 1978 he founded Digital Effects, the first privately held company to produce commercial computer graphics in New York. His credits include productions for *Nova*, *Tron*, and Epcot Center, as well as logos for NBC, CBS, and TV Asahi in Japan. His advertising credits include AT&T, Gillette, and Ford. In addition to coauthoring *Computer Graphics for Designers and Artists*, published by Van Nostrand Reinhold in 1986, he has published technical papers and lectured widely in the United States, Europe, and Asia.

Real Estate Program

Summer is the ideal time to explore the possibilities of a career in real estate. The Real Estate Education Program, sponsored by Stony Brook's Center for Continuing Education, is offering four courses in summer 1987. For the novice, the salesperson course is the required course in order to take the New York State salesperson licensing examination. The course also applies to the 90-hour requirement needed to become a licensed real estate broker.

For the seasoned real estate broker, continuing education is a must in order to stay on top of the rapidly changing real estate industry. For this reason three continuing education modules are also being offered in summer 1987.

For complete information about Stony Brook's year-round real estate education program, call or write to Professional Licensing Programs, Center for Continuing Education, SUNY at Stony Brook, Stony Brook, NY 11794-4314; telephone 632-7071.

Real Estate Salesperson's Course 100.1/Fee: \$195

Nine sessions: June 23-30; July 1-2, 7-9. 9 a.m. - 3:30 p.m.

The real estate salesperson course is for beginners seeking to enter the real estate business and for licensed real estate salespersons seeking to meet the prerequisite to become a real estate broker. Persons desiring to become real estate salespeople have to take the real estate salesperson course and, on successful completion, can apply to take the State licensing examination.

This course is designed to meet the requirement and to have application toward the 90 hours required to become a real estate broker. In addition, the course serves to meet the Department of State continuing education requirement through October 31, 1987 for individuals attempting to qualify for a license.

The course topics include real estate instruments, law of agency, real estate financing, human rights and fair housing, closing and closing costs, land use regulations, real estate mathematics, valuation and listing procedures, law of contracts, and license law and ethics.

Real Estate Financing

CE 114.0/Fee: \$95*

Five sessions: June 29-July 3.

9 a.m.-12:15 p.m.

This 15-hour module will review the importance of financing in the real estate industry and will cover up-to-date information on financing. Topics to be discussed will include a brief history of real estate financing from 1934 to the present; how to qualify the buyer; the different types of conventional, FHA, and VA mortgages; and other miscellaneous types of mortgages (bridge loans, jumbo loans, etc.).

Residential Real Estate Taxes

CE 115.0/Fee: \$95

Five sessions: June 22-26. 9 a.m. -

12:15 p.m.

This 15-hour module will review real estate taxes and their effect on home ownership and income-producing property. All aspects of the current and new tax laws will be explored. The sweeping new tax law is certain to affect the way real estate is purchased, sold, and held for investment.

Land Regulation and Development Trends

CE 112.0/Fee: \$95*

Five sessions: July 6, 8, 10, 13, 15.

1:00 p.m. - 4:15 p.m.

This 15-hour module presents current requirements, the time needed for various approvals, and the common problems associated with the subdivision process. Regulations having a major impact on land development will be discussed, as will recent trends in local regulation of housing occupancy and construction. Topics will also include commercial and industrial development of land, and the course will review innovative land regulation practices.

**approved for N.Y.S. continuing education credit*

Refresher Skills Workshops for Adult Students

Facing the prospect of entering, or re-entering, the academic world after a hiatus, adult students often feel a certain amount of anxiety. How will they keep up? Will they be able to understand the coursework? Will anyone understand what they are going through?

Yet the number of adult students, both at Stony Brook and at other institutions around the country, increases each year. And statistics show that adult students are committed, motivated students who excel academically. To help ease their entrance into academia, Stony Brook is introducing a series of short skills workshops this summer specifically designed for returning students. (In addition, a credit course for re-entry women students is also available this summer; see the Sociology listing in the Undergraduate Course section of this bulletin.)

Computer Literacy

June 22-26, 1987; 9:00 a.m. - 12 p.m.

Instructor: Elizabeth Kistler

This workshop is for the individual who has never before used a computer. Participants will learn the basics of computer operation - starting with finding the switch to turn it on. They will learn what computers can do for students and how to select appropriate software programs that will accomplish specific objectives. They will all receive hands-on experience in the use of word-processing programs with personal computers.

Limit: 25 participants

Fee: \$95

Registration Deadline: June 15

Writing Skills

July 6-July 10, 1987; 9:30 a.m. - 12:30 p.m.

Instructor: Ellen Gardner

This course will introduce the various types of writing assignments that are generally given in an academic setting. It will show adult students how to tap into their own experience and knowledge in preparing writing assignments. Participants will work in

small groups as they develop strategies for critical reading of their own writing and the writing of others in the group.

Limit: 25 participants

Fee: \$95

Registration Deadline: June 29

Math Anxiety

July 20-24, 1987; 9:30 a.m. - 12:30 p.m.

Instructor: Betty Weneser

This mathematics mini-course is designed to lessen "math anxiety" for the new, adult student. Participants will review basic arithmetic skills and elementary algebraic operations. The specific topics to be covered will be determined by the needs of the students enrolled in the course.

Limit: 20 participants

Fee: \$95

Registration Deadline: July 13

Foreign Language Institutes

America's increasing global involvement has led to a greater interest in foreign language study in recent years. Combined with the influx of new residents from many corners of the world, this has created a demand for more foreign language teachers. To meet the burgeoning interest in foreign language study, Stony Brook is introducing a series of summer immersion institutes in Spanish, French, Italian, and Latin.

Participants in each of the institutes can take up to nine credits of coursework in the grammar, literature, and culture of each language. Classes will meet five days a week from July 6 through 31. Students will eat lunch together as a group with the instructors. (Lunches may be purchased on campus or brought from home.) Weekly workshops will feature speakers from the State Education Department and visiting experts in teaching foreign languages.

In addition, optional evening lectures and films on the history and culture of the Mediterranean world will be open to the public.

French

FRN 221 Conversation and Composition

*9:00 a.m. to 10:55 a.m.
3 undergraduate credits*

FRN 390 French Civilization

*11:15 a.m. to 1:10 p.m.
3 undergraduate credits*

FRN 323 Advanced French Conversation

*2:30 p.m. to 4:25 p.m.
3 undergraduate credits*

Italian

ITL 221 Conversation and Composition

*9:00 a.m. to 10:55 a.m.
3 undergraduate credits*

ITL 390 The Italian Scene

*11:15 a.m. to 1:10 p.m.
3 undergraduate credits*

ITL 321 Advanced Conversation and Composition

*2:30 p.m. to 4:25 p.m.
3 undergraduate credits*

Latin

LAT 111 Elementary Latin

*9:00 a.m. to 10:55 a.m.
3 undergraduate credits*

CEL 533 Review of Latin Grammar

*9:00 a.m. to 10:55 a.m.
3 graduate credits*

CEL 531 Latin Poetry

*11:15 a.m. to 1:10 p.m.
3 graduate credits*

CEL 532 Latin Prose

*2:30 p.m. to 4:25 p.m.
3 graduate credits*

Spanish

SPN 221 Spanish Conversation and Composition

*9:00 a.m. to 10:55 a.m.
3 undergraduate credits*

SPN 392 The Culture and Civilization of Spanish America

*11:15 a.m. to 1:10 p.m.
3 undergraduate credits*

SPN 323 Advanced Spanish Conversation

*2:30 p.m. to 4:25 p.m.
3 undergraduate credits*

I wish to register for the Computer Graphics Seminar on August 6-7, 1987

Name _____ Social Security No. _____
Address _____ MasterCard No. _____
_____ Visa Card No. _____
Daytime Phone _____ Expiration Date _____
Evening Phone _____ Signature _____

Make checks payable to: SUNY at Stony Brook #900024

Mail to: Office of the Summer Session, The University at Stony Brook, Stony Brook, NY 11794-4317

I wish to register for the following Real Estate courses:

Real Estate Salesperson's Course 100.1/Fee: \$195
 Continuing Education Course 112.0/Fee: \$95
 Continuing Education Course 114.0/Fee: \$95
 Continuing Education Course 115.0/Fee: \$95

Name _____ Social Security No. _____
Address _____ MasterCard No. _____
_____ Visa No. _____
Daytime Phone _____ Expiration Date _____
Evening Phone _____ Signature _____

Make checks payable to: SUNY at Stony Brook #90012.

Mail to: Professional Licensing Programs, Center for Continuing Education, The University at Stony Brook, Stony Brook, NY 11794-4314

I wish to register for the following skills course(s):

Computer Literacy/\$95
 Writing Skills/\$95
 Math Anxiety/\$95
 All three workshops/\$270

Name _____ Social Security No. _____
Address _____ MasterCard No. _____
_____ Visa Card No. _____
Daytime Phone _____ Expiration Date _____
Evening Phone _____ Signature _____

Make checks payable to: SUNY at Stony Brook #900024

Mail to: Office of the Summer Session, The University at Stony Brook, Stony Brook, NY 11794-4317

Registration Form - Foreign Language Institutes, July 6-31, 1987

Name _____ Daytime Phone _____
Address _____ Business Phone _____
_____ Social Security Number No. _____

School where you currently teach _____

Current teaching assignments _____

Previous language institutes or travel abroad _____

Are you now or have you been a graduate student at Stony Brook? _____ If so, in what program _____

When did you take your last course? _____



Courses you wish to register for (maximum 9 credits):

Abbreviation	No.	No. of Credits	Title

Please enclose appropriate payment, using the fee schedule noted below. *Make checks payable to SUNY at Stony Brook.*

	Undergraduate Courses	Graduate Courses	Latin Institute only:
3 credits	\$137.55	\$272.55	Do you wish on-campus housing? (Housing is available at \$105/week for a double room and \$120/week for a single room.)
6 credits	275.10	545.10	If so, write to Office of Conferences and Special Events, Room 328 Administration Building, SUNY at Stony Brook, Stony Brook, NY 11794-1603.
9 credits	412.65	817.75	

Mail this application and payment to: *Summer Language Institutes, Office of the Summer Session, SUNY at Stony Brook, Stony Brook, NY 11794-4317.*

Deadline for receipt of application: June 22, 1987. Deadline for on-campus housing is June 22, 1987.

Undergraduate Courses

Meeting Times and Places

Summer Session classes are offered in the morning, afternoon, and evening to accommodate students with different schedules. Classes 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 are posted outside the Registrar's Office, second floor lobby of the Administration Building, beginning one week before the start of each term. They are also posted outside the Summer Session Office, N-215 Social and Behavioral Sciences Building.

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

Classroom Assignments

Late in May students registering by mail will be sent a list of classroom assignments along with their registration receipts. 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) 689-6000.

Prerequisites and Permission

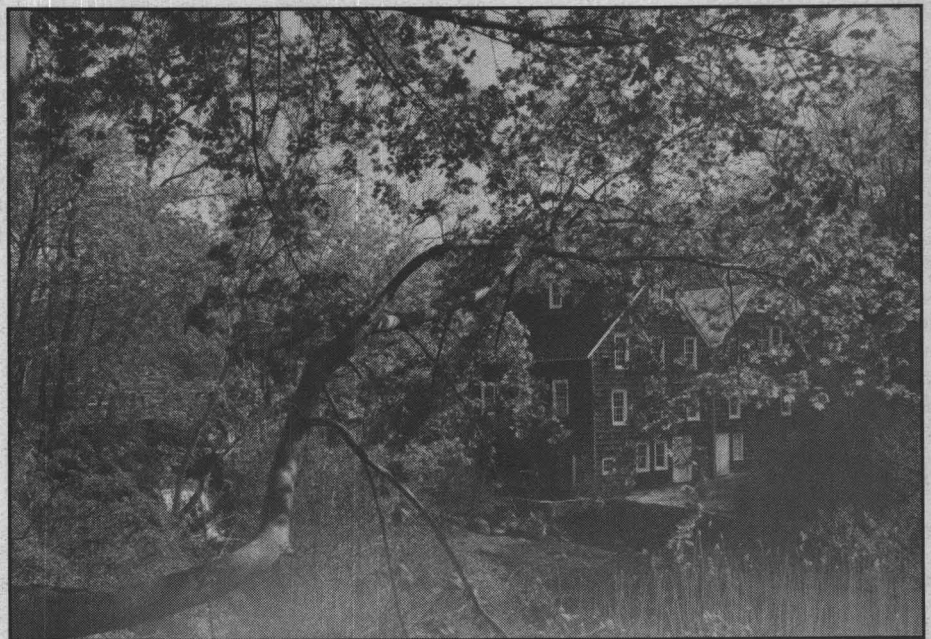
The prerequisites shown for some courses refer to courses offered at Stony Brook. Course equivalents earned in other colleges and universities will usually be accepted. If in doubt, contact the appropriate department at Stony Brook. Where permission of the department or instructor is required, students should contact the appropriate

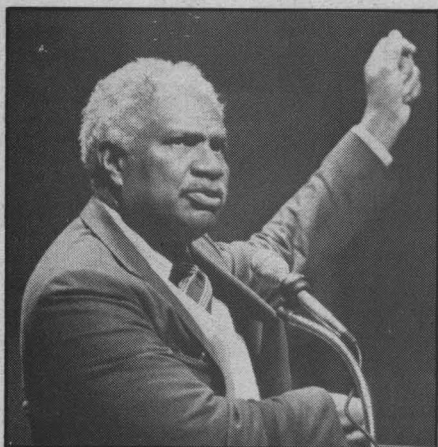
department by calling Campus Information at (516) 689-6000.

Any undergraduate student who wishes to take a graduate course for credit toward an undergraduate degree must receive written permission from the Undergraduate Committee on Academic Standing *prior* to registering for any graduate course. Permission of the instructor to take a graduate course is insufficient.

Course Changes or Cancellations

This bulletin was prepared prior to approval of the New York State Budget for 1987. 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) 632-7070 if they have registered early in the registration period.





Africana Studies

AFS 370 The Black Family

P. Kunhikannan

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

(Term I) 3 credits

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

Anthropology

ANT 352 Personality and Culture

David Gilmore

Culture as a factor in personality and character formation; anthropological theory and constructs will be considered in relation to such concepts as "self," "personality," and "character." The interrelationships of anthropology with its sister disciplines in the behavioral sciences will also be considered as well as its importance for cross-cultural studies of socialization, change, and ethno-psychiatry.

Prerequisites: ANT 102 or 103; one other anthropology course

(Term I) 3 credits

M W, 1:00-4:25 p.m.

ANT 353 Political Anthropology

Ann Marie Powers

The description and analysis of political institutions in a historical and comparative perspective. Selected examples from different culture areas will be considered in terms of internal

structure, political processes, and organizational changes. Special attention will be given to the relationship between the political and other institutional features of the societies.

Prerequisites: ANT 102 or 103; one other anthropology course

(Term I) 3 credits

M W, 6:00-9:25 p.m.

ANT 392 Ethnographic Areas in Anthropology: Ethnic Relations—Arabs and Jews in Israel

Ilsa Schuster

Analysis of cooperation and conflict in contemporary Israeli society within and between Jewish and Arab communities. Historical development; socioeconomic and political-military structures; forms of settlement; ethnic, gender, and religious differentiation and interrelations.

(Term I) 3 credits

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

ANT 421 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.

Prerequisites: ANT 300 and ANT 317

(June 1—July 3) 6 credits

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

Applied Mathematics and Statistics

AMS 102 Elements of Statistics

W. J. Kim

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. May not be taken by students for credit with MAT 231, 241; AMS 110, 210, 310, 311, 312; ECO 320, PSY 201, SOC 202, 211-212.

Prerequisite: Satisfaction of Entry-Level Mathematics Proficiency Requirement

(Term I) 3 credits

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

AMS 210 Applied Linear Models

Thomas Hagstrom

An introduction to linear models and associate matrix theory, which simultaneously serves as an introduction to applied mathematics. Models include Markov chains and related probability models, regression, economic input-output and ecological growth models, computer graphics, and finite difference methods. Applications drawn from diverse areas of social and natural sciences. Efficient matrix computation and numerical analysis involving computer exercises.

Prerequisite: MAT 126 or 131 or 141

(Term II) 3 credits

M W, 6:00-9:25 p.m.

AMS 315 Data Analysis

Hung Chen

Statistical analysis of data. Exploratory data analysis. Estimation. Parametric and nonparametric hypothesis tests. Power Robust Techniques. Use and interpretation of statistical computer packages such as SPSS.

Prerequisite: AMS 310

(Term II) 3 credits

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

Art

ARH 101 Art in Culture from Prehistoric Times to the Age of the Cathedrals, ca. 1400 A.D.

Maxine Guilmain

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. A Core Course satisfying Humanities and Fine Arts Category A.

(Term II) 3 credits

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

ARH 102 Art in Culture from the Early Renaissance, ca. 1400, to Postmodernism

David Luljak

A survey of the history of painting, sculpture, and architecture from the Renaissance to the present day. Works of art are studied both as individual monuments with intrinsic aesthetic appeal and as expressions of the needs, ideas, and aspirations of the particular society in which they were created. A Core Course satisfying Humanities and Fine Arts Category A.

(Term I) 3 credits

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

ARH 341 Art of the 19th Century

David Luljak

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 II) 3 credits

M W, 6:00-9:25 p.m.

ARH 342 Art of the 20th Century

Jacques Guilmain

The major movements and individual artists in 20th-century painting and sculpture, including reference to the

broader sociocultural context of art. A Core Course satisfying Humanities and Fine Arts Category A.

Prerequisites: COR 101,102; or ARH 102 and two other courses in the humanities

(Term II) 3 credits

M W, 1:00-4:25 p.m.

ARS 150 Fundamentals of Drawing

Molly Mason

An introductory course intended for non-art majors. Emphasis will be on drawing techniques through the study of the figure and still-life.

(Term I) 3 credits

Tu Th, 3:00-9:45 p.m.

ARS 151 Introductory Still Life, Composition, Painting, and Drawing

John Casper

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

(Term II) 3 credits

M W, 9:00 a.m.-3:45 p.m.

ARS 292 Theory and Practice of Three-Dimensional Design

Molly Mason

A course in the exploration, analysis, and interpretation of the formal organization of the visual elements in three-dimensional space. Elements such as mass, volume, plane, shape, and line will be analyzed and applied to projects in varied media, according to principles that develop an organic unity in the total work of art. A Core Course satisfying Humanities and Fine Arts Category B.

Prerequisites: ARS 151,152; permission of department (632-7250)

(Term I) 3 credits

Tu Th, 10:00 a.m.-2:30 p.m.

ARS 422 Special Topics in Studio Theory and Practice: Watercolor Painting

Martin Levine

An exploration of various materials and techniques used for creating a watercolor painting. Various water media techniques: dry brush, graded wash, wet on wet, resist processes and experimental techniques. Use of various papers. Brief description of various styles: realistic, figurative, non-

objective, abstract. (Form, shade, textures). Matting and presentation of student's work.

Prerequisite: Permission of department (632-7250)

(Term I) 3 credits

M W, 9:00 a.m.-1:30 p.m.

Chemistry

CHE 132 General Chemistry II

C.V. Krishnan

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 radio chemistry. 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 a prerequisite to organic chemistry.) A Core Course satisfying Natural Sciences Category A-2.

Prerequisite: CHE 131

(Term I) 4 credits

M W F, 2:30-6:00 p.m.

CHE 134 General Chemistry Laboratory

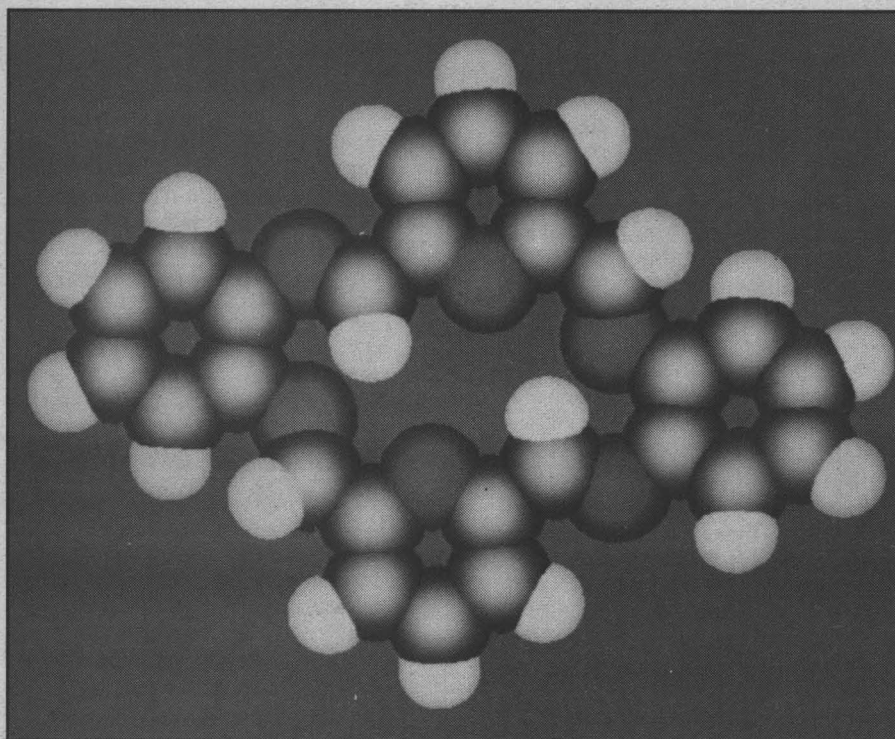
Carolyn Allen

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 F, 8:30 a.m.-1:30 p.m.; F, 11:30 a.m.-1:30 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

CHE 321 (Term I) 3 credits

CHE 322 (Term II) 3 credits

M Tu W Th F, 8:30-10:45 a.m.

Classics, Comparative Literature, and Humanities

CLS 215 Classical Mythology

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 3 credits

(Term I) Maria Colavito

M W, 6:00-9:25 p.m.

(Term II) Margery Brown

M W, 9:00 a.m.-12:25 p.m.

CLT 363 Literature and the Arts: Film Comedy

Krin Gabbard

The primary focus of the course will be Hollywood's "dialogue comedies" of the 1930s and 1940s although we will also consider films of Chaplin, the Marx Brothers, and Woody Allen. Many of these films belong to a

tradition that begins with Roman comedy and can be traced through writers such as Shakespeare, Moliere, Wilde, and Shaw. In addition to these classic texts, we will also study relevant critical works by literary and film theorists.

Prerequisites: Two courses in literature (Term I) 3 credits

M W, 6:00-9:25 p.m.

HUM 123 Sin and Sexuality in Literature

Carrol Lasker

Lectures and discussions will focus on the interpretation of the ideas of sexuality and of evil by exploring literary treatments of such notions as sexual gratification, adultery, and deviance. A Core Course satisfying Humanities and Fine Arts Category A.

(Term I) 3 credits

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

Computer Science

CSE 110 Introduction to Computer Science

Instructor to be announced

An introduction to fundamentals of computer science for non-majors. Topics covered include algorithms, problem-solving techniques, computer applications, data structures, and machine principles. Students will gain experience using a modern higher level computer programming language (currently Pascal) to solve a variety of numeric and non-numeric problems.

May not be taken simultaneously with CSE 111 or 114. Students who have a C or higher in CSE 111 or 114 may not take CSE 110.

Prerequisite: MAT 120 or passing the Mathematics Placement Examination at entry level for MAT 125 or 131.

3 credits

(June 2-July 30)

Lecture

Th Th, 6:00-8:05 p.m.

(June 3-August 19)

Recitation

W, 6:00-8:05 p.m.

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. May not be taken simultaneously with CSE 110. 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 1-July 27)

Lecture

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

(June 2-August 18)

Recitation

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

CSE 114 Computer Science I

Instructors to be announced

Introduces fundamental computer science concepts and applies the foundations of computer science built in CSE 113 to the analysis and development of software in the programming language Pascal. Important concepts introduced include software documentation, design, verification, and validation, data abstraction, operating systems, language translation, artificial intelligence, data processing, recursive programming, and basic machine architecture. Students will develop software systems for a variety of numeric and symbolic applications.

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

Sections 01 and 02

(June 1-July 27)

Lecture

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

(June 5-August 21)

Recitation

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

Section 01

(June 10-August 19)

Lab

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

Section 02

(June 12-August 21)

Lab

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

CSE 201 Computer Science II

Instructor to be announced

Development of advanced software techniques with particular emphasis on data representation. Rigorous treatment of abstract data types (e.g., stacks and queues), tree structures, recursive data structures, and algorithms for searching, sorting and translation. Reinforces the concepts of top-down modular software design and testing strategies. During weekly recitation sessions, students will develop applications software using the Pascal programming language.

Prerequisite: Grade of C or higher in CSE 114 (or pass proficiency exam for CSE 114)

3 credits

(June 2-July 30)

Lecture

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

(June 3-August 19)

Recitation

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

Earth and Space Sciences

GEO 102 The Earth

R.T. Dodd

A summary of the processes that have shaped the earth and the other terrestrial planets are inferred from study of their surface materials, structural features, and interiors. Topics considered include (1) the earth in the solar system; (2) earth materials and rock-forming processes; (3) surface processes and their bearing on human activities; (4) crustal deformation and global tectonics; (5) the earth's interior; and (6) the geological features, compositions, and evolution of the terrestrial planets. A Core Course satisfying Natural Sciences Category A-2.

(Term I) 3 credits

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

GEO 107 Natural Hazards

Jean Nealon

The phenomena of earthquakes, tidal waves, and volcanoes will be studied to determine their causes, destructive potential, and the degree to which they can be controlled or predicted. The public response to earthquake hazards in terms of building construction and site location as well as short-term response to predictions of imminent earthquakes will be evaluated.

(Term II) 3 credits

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

Economics

ECO 100 Current Economic Issues

Luis Locay

An examination of major economic issues using the basic tools of economic analysis. Particular emphasis is placed on understanding the influence of international trade, exchange rates, government monetary and fiscal policy, deficits, interest rates, and the financial markets on the economic environment of individuals and businesses.

(Term II) 3 credits

M W, 1:00-4:25 p.m.

ECO 101 Introduction to Economic Analysis

Instructor to be announced

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 104. A Core Course satisfying Social and Behavioral Sciences Category A, Group 3.

(Term I) 4 credits

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

ECO 114 Financial Accounting

Charles Heck

Introduction to some formal accounting statements commonly involved in economic analysis. Topics include business balance sheet and profit and loss statements and flow of funds accounting.

(Term II) 3 credits

M W, 6:00-9:25 p.m.

ECO 251 Intermediate Microeconomic Theory

Instructor to be announced

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. A Core Course satisfying Social and Behavioral

Sciences Category B. Also satisfies Quantitative Literacy Graduation Requirement.

Prerequisites: A grade of C or higher in one semester of calculus; ECO 101 or 104

(Term I) 4 credits

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

ECO 252 Intermediate Macroeconomic Theory

Instructor to be announced

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. A Core Course satisfying Social and Behavioral Sciences Category B.

Prerequisites: A grade of C or higher in one semester of calculus; ECO 101 or 104

(Term I) 4 credits

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

(Term II) 4 credits

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

ECO 348 Analysis for Managerial Decision Making

Instructor to be announced

Development of analytical techniques (such as linear programming and statistical decision theory) for making economic decisions in both 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, 9:00 a.m.-12:00 noon

ECO 360 Money and Banking

Instructor to be announced

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.-12:25 p.m.

Electrical Engineering

ESE 318 Digital Systems Design (formerly ESE 218)

Nazir Pashtoon

The physical and logical basis of digital circuitry is covered in depth. Electronic characteristics of gates and their consequences are discussed, including an introduction to circuit theory. Gate structure minimization is explained. The design of basic digital devices (counters, multiplexers, arithmetic circuits) is stressed. Note: In past years this course was numbered 318, but it was changed for a short time to 218. Digital Systems Design meets electrical engineering and computer science major requirements and prerequisites when taken under either number.

Prerequisites: CSE 111 or 114; PHY 102 (for engineering majors) or CSE 120 (for computer science majors)

(Term I; lab HTBA) 4 credits

M W, 6:00-10:05 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, and filtering; AM, FM, and PM; time and frequency multiplexing; discussion of problems encountered in practice; noise and bandwidth considerations; and pulse modulation schemes.

Prerequisite: ESG 271

(Term I) 3 credits

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

ESG 271 Electrical Sciences I

Jeffrey Hantgan

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 from both the theoretical and practical viewpoints. Computer-aided techniques are included.

Prerequisites: MAT 221; PHY 102 or 106. *Pre- or corequisite:* CSE 111 or 114

(Term I; Recitation HTBA) 4 credits

Tu Th, 1:00-5:05 p.m.

ESG 372 Electrical Sciences II

Natarajam Gurumorthy

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; Recitation HTBA) 4 credits
Tu Th, 6:00-10:25 p.m.

English

EGC 100 Introduction to the Writing Process

Virginia Sickbert

Extensive practice in writing to help students develop clear thinking and more fluent use of language. Writing from experience will be emphasized. There will be less emphasis on expository writing and formal revision than in EGC 101.

Satisfactory/Unsatisfactory grading only.

Prerequisite: Placement by English Placement Examination or by ESL instructor

(Term II) 3 credits

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

EGC 101 Writing Workshop

Instructors to be announced

Intensive practice in writing frequent short papers. Emphasis on strategies for drafting and revising. Students must earn a C or higher in this course to satisfy the University Writing Requirement. A through C/Unsatisfactory grading only. The Pass/No Credit option may not be used. (This course does not satisfy the writing requirement for students who score "Strong" on the Placement Examination.)

Prerequisite: Placement by English Placement Examination or by EGC 100 or ESL instructor.

3 credits

EGC 101:01 (Term I)

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

EGC 101:02 (Term I)

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

EGC 101:03 (Term II)

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

EGC 101:04 (Term II)

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

EGL 192 Introduction to Fiction

An analysis of fictional prose in terms of each section's specific theme. A goal of each section is to interpret various pieces of literature in relation to a political or historical view, or a particular literary technique. (Not for English major credit.) A Core Course satisfying Humanities and Fine Arts Category B. Also satisfies Writing Requirement for students who score "Strong" on the English Placement Examination.

Prerequisite: EGC 101 or "Strong" on the English Placement Examination.
3 credits

(Term I) Veronica Stewart

M W, 6:00-9:25 p.m.

(Term II) Clifford Huffman

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

EGL 205 Survey of British Literature I

Paul Dolan

The study of British literature from the Old English period to Milton. A Core Course satisfying Humanities and Fine Arts Category A.

Prerequisite: EGC 101 or "Strong" on English Placement Examination.

(Term II) 3 credits

M W, 1:00-4:25 p.m.

EGL 206 Survey of British Literature II

Clifford Huffman

The study of British literature from Dryden to the end of the 19th century. A Core Course satisfying Humanities and Fine Arts Category A.

Prerequisite: EGC 101 or "Strong" on English Placement Examination.

(Term II) 3 credits

Tu Th, 6:00-9:25 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 "Strong" on English Placement Examination

(Term I) 3 credits

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



EGL 276 Women and Literature
Helen Cooper

An examination of works written by or about women that studies the development and conception of women in drama, poetry, and fiction. The course focuses on literature seen in relation to women's sociocultural and historical position. May be repeated with permission of the Director of Undergraduate Studies as the subject matter varies. A Core Course satisfying Humanities and Fine Arts Category C. *Prerequisite:* EGC 101 or "Strong" on the English Placement Examination **(Term I) 3 credits**
M W, 1:00-4:25 p.m.

EGL 312 Romantic Literature in English
Marlon Ross

The study of English literature from the end of the neoclassical period to the Victorian Age, 1798-1832. *Prerequisites:* EGL 204 and 206 **(Term I) 3 credits**
M W, 6:00-9:25 p.m.

EGL 318 19th-Century American Literature
Ruth Miller

Themes and trends in American literature from 1800 to 1900. *Prerequisites:* EGL 204, and 217 or 218 **(Term II) 3 credits**
Tu Th, 1:00-4:25 p.m.

EGL 320 Literature of the Modern Period
Paul Dolan

An intensive study of modern British and American literature from the end of the 19th century to World War II. *Prerequisites:* EGL 204 and 224 **(Term II) 3 credits**
M W, 6:00-9:25 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 20th-century novels writ-

ten 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.

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 **(Term I) 4 credits**
Fatrina Muenseh
M W, 6:00-10:25 p.m.
(Term II) 4 credits
Xiaoming Wan
M W, 6:00-10:25 p.m.

FRN 191, 192 Intermediate French I, II

An intermediate course in conversation, composition, and the interpretation of French texts. *Prerequisite to FRN 191:* FRN 112 or 113
Prerequisite to FRN 192: FRN 191 **3 credits each course**
FRN 191 (Term I)
Gisele Kapuscinski
Tu Th, 6:00-9:25 p.m.
FRN 192 (Term II)
Daria Reid
Tu Th, 6:00-9:25 p.m.

The following courses are part of the Summer Institute in Foreign Languages, which are described in more detail in the section titled "Institutes and Special Programs."

FRN 221 Conversation and Composition
Anthony Rizzuto

A course in the active use of spoken and written French. Language laboratory will supplement class work. *Prerequisite:* FRN 192 or 195 **(July 6-31) 3 credits**
M Tu W Th F, 9:00-10:55 a.m.



FRN 323 Advanced French Conversation

Anthony Rizzuto

A course designed to develop and maintain complete fluency in the language.

Prerequisite: FRN 221 or 295 or 296

(July 6—31) 3 credits

M Tu W Th F, 2:30-4:25 p.m.

FRN 390 French Civilization

Renald Rilsy

A discussion of French civilization from the creation of the modern state to the present. The course is intended for those interested in studying the background and traditions of modern France. An anthology of historical texts and documents will serve as a point of departure; the institutions and life in France will be considered, along with the development of art, architecture, music, and literature. The emphasis will be on discussion (in French) and individual projects.

Prerequisites: FRN 222; 295 or 296

(July 6—31) 3 credits

M Tu W Th F, 11:15 a.m.-1:10 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

(Term I) 4 credits

Leslie Morgan

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

(Term II) 4 credits

Antonio Toscano

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

The following courses are part of the Summer Institutes in Foreign Languages, which are described in more detail in the section titled "Institutes and Special Programs."

ITL 221 Italian Conversation and Composition I

Joseph A. Tursi

A course in spoken and written Italian, with emphasis on precision and fluency in the spoken form.

Prerequisite: ITL 192 or 195

(July 6—31) 3 credits

M Tu W Th F, 9:00-10:55 a.m.

ITL 321 Advanced Conversation and Composition I

Instructor to be announced

This course develops fluency and accuracy in the use of the spoken language through intensive practice, exposition, class discussion, and the use of the language laboratory.

Prerequisite: ITL 222

(July 6—31) 3 credits

M Tu W Th F, 2:30-4:25 p.m.

ITL 390 The Italian Scene

Charles Franco

The reality of Italy and the Italian people through a study of the evolution of the historical, cultural, political, and social character of the nation. Note: This course will be taught in Italian.

Prerequisite: ITL 222 or 295 or 296

(July 6—31) 3 credits

M Tu W Th F, 11:15 a.m.-1:10 p.m.

Germanic and Slavic Languages and Literature

GER 111, 112 Elementary German I, II

An introduction to spoken and written German, stressing pronunciation, speaking, comprehension, reading, writing, and culture. 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

4 credits each course

GER 111 (first half of Term I)

John Russell

M Tu W Th F, 9:00 a.m.-12:45 p.m.

GER 112 (second half of Term I)

Rose Mary Delia

M Tu W Th F, 9:30 a.m.-12:15 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

3 credits each course

GER 191 (first half of Term II)

Annalisa Ferguson

M Tu W Th F, 9:30 a.m.-12:15 p.m.

GER 192 (second half of Term II)

Birgit Viola

M Tu W Th F, 9:30 a.m.-12:15 p.m.

Hispanic Languages and Literature

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)

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

SPN 111:02 (Term I)

Instructor to be announced

Tu Th, 6:00-10:05 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)

Tu Th, 6:00-10:05 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 199 Modern Spain (in English)

Instructor to be announced

An examination of major cultural and social developments in Spain during the 20th century, with special emphasis on the Spanish Civil War, the Franco era, and the transition to democracy. Presented in English, the course seeks to enhance understanding of Spain through analysis of such issues as national character, change and continuity, and regional diversity. May not be used to satisfy the foreign language proficiency requirement.

(Term II) 3 credits

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

The following courses are part of the Summer Institutes in Foreign Languages, which are described in more detail in the section titled "Institutes and Special Programs."

SPN 221 Spanish Conversation and Composition

Instructor to be announced

A thorough review of Spanish grammar and of the active use of spoken and written forms. SPN 221 may not be taken for credit in addition to SPN 220.

Prerequisite: SPN 192

(July 6-31) 3 credits

M T W Th F, 9:00-10:55 a.m.

SPN 323 Advanced Spanish Conversation

Instructor to be announced

A course designed to develop and maintain complete fluency in the language. Not open to native-background speakers or students who have been in a Spanish-speaking country for a considerable length of time.

Prerequisite: SPN 222

(July 6-31) 3 credits

M T W Th F, 2:30-4:25 p.m.

SPN 392 The Culture and Civilization of Spanish America

Instructor to be announced

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

Prerequisite: SPN 222

(July 6-31) 3 credits

M T W Th F, 11:15 a.m.-1:10 p.m.

History

HIS 100 The Ancient World

Per Alin

A broad survey of the development of the Near Eastern and Mediterranean civilizations of Mesopotamia, Egypt, and neighboring areas, as well as Greece and Rome from their earliest beginnings to the decline of the Roman Empire. A Core Course satisfying Social and Behavioral Sciences Category A, Group 3.

(Term II) 3 credits

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

HIS 103 American History to 1877

Mark Hessler

A survey of American history from the Age of Discovery to the end of Reconstruction. Topics to be treated will include such subjects as the transplantation of European culture to America, the rise of American nationalism, the democratization of American society, the institution of slavery, and the emergence of an industrial society.

(Term I) 3 credits

Tu Th, 5:00-8:25

HIS 201 England from 1066 to 1688

Susan Battley

The development of English society will be traced from the Norman Conquest to the "Glorious Revolution" with special attention to the feudal constitution, the evolution of Parliament, the Civil War, and the Commercial Revolution.

(Term II) 3 credits

M W, 9:00 a.m.-12:25 p.m.

HIS 251 Europe Since 1945

Chiarella Esposito

A study of contemporary Europe emphasizing political developments beginning with the Cold War, decolonization, the problems of postindustrial society, managed capitalism, and intellectual and cultural movements like existentialism and Marxist humanism.

(Term I) 3 credits

Tu Th, 1:00-4:25 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. A Core Course satisfying Social and Behavioral Sciences Category A, Group 2.

(Term I) 3 credits

M W, 6:00-9:25 p.m.

HIS 317 Expansion of Europe

Instructor to be announced

The European influence on the wider world during the industrial age. Forms of European overseas settlement, conditions of conquest, local responses to European domination, and decolonization will be studied. The course emphasizes comparisons and original documents. A Core Course satisfying Social and Behavioral Sciences Category A, Group 2.

Prerequisite: 200-level course on modern Europe
3 credits

HIS 411 Colloquium in American History: Life Cycles and Life Crises Past and Present

James Terry

An examination of the concept that there are specific crises experienced by individuals as a result of their age, sex, social class, and period in history. Topics will include the concept of childhood and play; the idea of adolescence and its dangers; the notion of professions as related to the crises and illnesses of career-minded young adults in the late 19th century; the medicalization of the female life cycle; the changes in American attitudes toward the elderly; and some currents of contemporary history, including 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.

Prerequisite: Permission of instructor (Term II) 3 credits
M W, 1:00-4:25 p.m.

The following course is part of the Summer Institutes in Foreign Languages, which are described in more detail in the section titled "Institutes and Special Programs."

Latin

LAT 111 Elementary Latin

Aaron Godfrey and William Mayer

This intensive course is designed to prepare the beginning student to translate Latin that may be needed for use in undergraduate or graduate study. Focus of the course is on the fundamentals of grammar and techniques of translation. No student who has had two or more years of Latin in high school or who has otherwise acquired an equivalent proficiency will be permitted to enroll in LAT 111 without written permission from the course supervisor.

(July 6-July 31) 3 credits
M T W Th F, 9:00-10:55 a.m.

Mathematics

Note: All MAT courses numbered 120 and above satisfy the Quantitative Literacy Graduation Requirement.

MAP 102 College Algebra

Instructors to be announced

Intended for students whose preparation in 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. Over-qualified 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. 3 credits MAP 102:01

(Term I) 3 credits

MAP 102:01

M W F, 8:30-10:35 a.m.

MAP 102:02

M W, 6:00-9:25 p.m.

MAT 120 Preparation for Calculus

Instructor to be announced

An introduction to the skills and knowledge needed during the early stages of learning calculus, including work with polynomials, rational functions, and trigonometric functions. Intended for students who have not completed 12th-year high school mathematics. May not be taken after any college calculus course has been passed with a grade of C or higher.

Prerequisite: Satisfaction of the Entry-Level Mathematics Proficiency Requirement

(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

Instructors to be announced

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 125:01 (Term I)

Lecture

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

Recitation

M W 3:00-4:00 p.m.

MAT 125:02 (Term II)

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

Instructor to be announced

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; particle 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**

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**

Instructor to be announced

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

Prerequisites: MAT 221 or 231 or 241; or AMS 210 and MAT 127 or 132
(Term II) 3 credits

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

MAT 313 Abstract Algebra

Instructor to be announced

Groups and rings together with their 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.

**MAT 341 Advanced Calculus:
Differential Equations**

Instructor to be announced

Ordinary differential equations; integration by power series; Bessel and Legendre functions; expansion in series of orthogonal functions, including Fourier series; introduction to partial differential equations of mathematical physics; Laplace's equation; calculus of variations.

Prerequisite: MAT 306 or 307
(Term II) 3 credits

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

Mechanical Engineering

**ESC 202 Fundamentals of
Technical Drawing**

Lawrence Hall

Undertakes a thorough study of basic rendering techniques and skills required for technical drawing, including orthographic axonometric projections, rotations, and perspective. Drafting techniques such as line quality, lettering, and accuracy are emphasized. The course will culminate in an individual project that reflects the student's interests and reinforces the material taught in the course.

(Term II) 3 credits

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

ESG 260 Engineering Statics

Michael Walker

A review of vector algebra. Concept of force. Equilibrium of particles. Moments about points and lines, couples and equivalent force systems. Equilibrium of rigid bodies. Analysis of simple structures such as trusses, frames, and beams. Centroids, centers of gravity, and moments of inertia. Dry friction with applications to wedges, screws and belts. Method of virtual work, potential energy, and stability.

Prerequisite: PHY 101 or 105

(Term I) 3 credits

Tu Th, 9:00-12:25 p.m., and three-hour recitation to be arranged

ESG 262 Engineering Dynamics

Jacob Karni

Vectorial kinematics of particles in space, orthogonal coordinate systems. Relative and constrained motion of particles. Dynamics of particles and the systems of particles, equations of motion, energy and momentum methods. Collisions. Two- and three-dimensional kinematics and dynamics of rigid bodies. Moving frames and relative motion. Free, forced, and damped vibrations of particles and rigid bodies.

Prerequisites: PHY 101 or 105; MAT 221; ESG 259 or 260

(Term II) 3 credits

M W F, 9:00-11:05 a.m., and two-hour recitation to be arranged

ESG 363 Mechanics of Solids

Jacob Karni

An introduction to the mechanics of deformable solids used in engineering structures. Topics include two-dimensional descriptions of stress and strain, elastic stress-strain temperature relations, beam deformation due to bending, statically indeterminate beams, torsion, and buckling.

Prerequisite: ESG 260

(Term II) 3 credits

M W F, 1:00-3:05 p.m., and two-hour recitation to be arranged

Music

MUS 101 Introduction to Music

Marianne Richert Pfau

The basic concepts of music such as melody, harmony, rhythm, counterpoint, and form will be studied through an investigation of the historical and contemporary masterpieces of the Western classical tradition, of various non-Western musics, and of various "popular" traditions. The different styles and types of music will be considered not only in light of the cultural values that they embody, but also in relation to present-day cultural and musical values. No previous musical training is assumed. A Core Course satisfying Humanities and Fine Arts Category A.

(Term II) 3 credits

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

MUS 119 The Elements of Music

John Lutterman

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

(Term I) 3 credits

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

Philosophy

PHI 100 Concepts of the Person

Corby Collins

An introduction to philosophy through readings and discussion on topics such as human identity, human understanding, and human values. A Core Course satisfying Humanities and Fine Arts Category A. Also satisfies Lower-Division Writing Requirement for students who score "Strong" on the English Placement Examination.

(Term II) 3 credits

Tu Th, 8:30-11:55 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). A Core Course satisfying Humanities and Fine Arts Category B. Also satisfies Lower-Division Writing Requirement for students who score "Strong" on the English Placement Examination.

(Term II) 3 credits

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

PHI 206 Introduction to Modern and Contemporary Philosophy

David Dilworth

Readings and discussion of the major thinkers of the period, e.g., Descartes, Hume, Kant, Hegel, Nietzsche, Wittgenstein, and Sartre. A Core Course satisfying Humanities and Fine Arts Category A.

Prerequisite: Sophomore standing or one course in philosophy

(Term II) 3 credits

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

PHI 332 Theories of Knowledge

Donn Welton

A study of a variety of conceptions of the structure and content of knowledge as found in classical and contemporary epistemologies. Fundamental methods and principles of philosophical inquiry are applied to questions about the ways in which concepts and theories are

generated in the physical and social sciences and to questions about knowledge of what is of value, knowledge in philosophy, and knowledge in the arts. A Core Course satisfying Humanities and Fine Arts Category B.

Prerequisites: One philosophy course or PSY 103 or 104; PHI 100 or 206 or 306 recommended.

(Term I) 3 credits

M W, 1:00-4:25 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. A Core Course satisfying Humanities and Fine Arts Category A.

Prerequisites: 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

Rita Nolan

An intensive study of the methodological principles governing the formation of ethical theories and ethical judgments through an investigation of selected ethical problems. A Core Course satisfying Humanities and Fine Arts Category B.

Prerequisite: One philosophy course; PHI 104 recommended

(Term I) 3 credits

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

Physical Education

PEC 102 Racquetball/Squash

Robert Snider

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

(Term I) 1 credit

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

PEC 145 Basic Physical Conditioning

Patricia Bostic

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

Susan Ryan

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

Physics

PHY 101 Classical Physics I

Richard Mould

An introductory survey of mechanics, wave motion, kinetic theory, and thermodynamics. Calculus is used concurrently with its development in MAT 131 or MAT 141. Three lectures, one recita-

tion, and three laboratory hours per week. Not for credit in addition to PHY 103 or 105. A Core Course satisfying Natural Sciences Category A-2.
Prerequisite: PHY 100 with a grade of C- or higher or permission of department. **Corequisite:** MAT 131 or 141 or 126.

(Term I) 4 credits

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

PHY 102 Classical Physics II

Herbert Muether

An introductory survey of electromagnetism, electric circuit theory, and optics. Calculus is used concurrently with its development in MAT 132 or 142. Three lectures, one recitation and three laboratory hours per week. A Core Course satisfying Natural Sciences Category A-2.

Prerequisite: PHY 101 or 105; **Corequisite:** MAT 132 or 142 or 127

(Term II) 4 credits

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

PHY 251 Modern Physics

Erlend Graf

An introductory survey of modern physics, which completes a three-semester general physics sequence. The elements of the special theory of relativity are discussed. Wave-particle duality, the concept of wave function, and other fundamentals of the quantum theory are introduced and related to atomic structure, nuclear structure, and the physics of the solid state. In the laboratory students perform some of the pivotal experiments of the 20th century. Three lecture hours and one three-hour laboratory per week.

Prerequisite: PHY 102 or 106; **Corequisite:** MAT 221 or 231 or 241

(Term II) 4 credits

M W F, 11:00 a.m.-2:15 p.m., and Lab HTBA



Political Science

POL 101 World Politics

Philip 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. A Core Course satisfying Social and Behavioral Sciences Category A, Group 3.

(Term I) 3 credits

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

POL 102 Introduction to American Government

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. May not be taken for credit in addition to POL 105.

3 credits

POL 102:01 (Term I)

James Enelow

M W, 9:00 a.m.-12:25 p.m.

POL 102:02 (Term II)

Jeffrey Segal

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

POL 238 Political Propaganda

Silvo Lenart

Examination of devices used to manipulate political attitudes and beliefs in both print and visual media. Course topics include politics of the mass media, political satire, political rhetoric, psychology of persuasion, etc.

(Term II) 3 credits

M W, 6:00-9:25 p.m.

POL 260 Introduction to Public Policy

Barbara Headrick

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 or 105

(Term II) 3 credits

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

POL 322 The Presidency in the American Political System

James Twombly

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 or 105

(Term II) 3 credits

M W, 1:00-4:25 p.m.

POL 343 Behavioral Assumptions of the Law

Kathleen McGraw

Evidence from social science research is used to examine some of the behavioral assumptions underlying the law and to assess their validity. The primary focus will be on those aspects of the criminal justice system where social psychological factors, although formally extraneous to the legal process, can and do consistently influence legal outcomes and decisions.

Prerequisite: PSY 103 or 104

(Term I) 3 credits

Tu Th, 6:00-9:25 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 I) 3 credits

M W, 6:00-9:25 p.m.

Psychology

PSY 103 A Survey of Psychology

Stuart Valins

An introduction to research and theory in psychology in such areas as learning, perception, cognition, psychobiology, development, personality, and 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 PSY 104. A Core Course satisfying Social and Behavioral Sciences Category A, Group 3.

(Term II) 3 credits

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

PSY 201 Statistical Methods in Psychology

David Cross

The use and interpretation of elementary statistical techniques in research, emphasizing descriptive statistics, correlational analysis, and inferential statistics, including chi-square, critical ratio, t, F, and certain selected non-parametric techniques. May not be taken for credit in addition to AMS 102. Satisfies Quantitative Literacy Graduation Requirement.

Prerequisite: PSY 103 or 104; satisfaction of Entry-Level Mathematics Proficiency Requirement

(Term I) 3 credits

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

PSY 209 Social Psychology

Lauren Perdue

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. A Core Course satisfying Social and Behavioral Sciences Category A, Group 2.

Prerequisite: PSY 103 or 104

(Term II) 3 credits

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

PSY 211 Developmental Psychology

Debra Swoboda

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. A Core Course satisfying Social and Behavioral Sciences Category A, Group 2.

Prerequisite: PSY 103 or 104

(Term I) 3 credits

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

PSY 215 Abnormal Psychology

Alexandra Gaughan

Psychopathology, including the neuroses and functional and organic psychoses, will be examined. Analysis of current research in psychopathology and its relationship to the theories of abnormal behavior.

Prerequisite: PSY 103 or 104

(Term I) 3 credits

M W, 6:00-9:25 p.m.

PSY 300 Research Methodology

Andrew Harver

Basic principles in the design and execution of research in psychology. A Core Course satisfying Social and Behavioral Sciences Category B.

Prerequisites: PSY 103 or 104; PSY 201 or AMS 102

(Term II) 3 credits

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

PSY 350 Cognitive Psychology

J. Y. Chen

An examination of theoretical and empirical work on human cognition including pattern recognition, memory, attention, language comprehension, decision making, and problem solving. May not be taken for credit in addition to the discontinued PSY 319 or 348.

Prerequisites: PSY 103 or 104; PSY 201 or AMS 102

(Term I) 3 credits

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

Religious Studies

RLS 101 Great Religions of the Contemporary World

Sung-Bae Park

An introduction to the history, doctrine, and practices of major religious traditions of Hinduism, Judaism, Buddhism, Confucianism, Taoism, Christianity, and Islam. A Core Course satisfying Humanities and Fine Arts Category A.

(Term I) 3 credits

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

RLS 260 Buddhism

Sung-Bae Park

An introduction to the basic philosophy and doctrines of Buddhism, beginning with a survey of lives and works of major historical figures of Buddhism. The principal issues of Buddhist thought, drawing from Indian, East Asian, and Western sources, will be treated. Particular attention will be paid to the meaning of faith, practice, and enlightenment in Buddhism. A Core Course satisfying Humanities and Fine Arts Category C and Study of Another Culture.

(Term I) 3 credits

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

Social Science Interdisciplinary

SSI 281 Seminar in Child Development

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 daycare 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.

Prerequisite: PSY 211 or SSI 103 Permission of instructor (632-7685 or 632-7690) *Corequisite:* SSI 283

(Term I or II) 3 credits

Hours to be arranged

SSI 281:01

Margaret Chant

SSI 281:02

Betsy Feuerstein

SSI 281:03

Susan Wilkin

SSI 283 Practicum in Child Development

Margaret Chant

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. Daybook 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.

Prerequisite: PSY 211 or SSI 103; Permission of instructor (632-7685 or 632-7690) *Corequisite:* SSI 281

(Term I or II) 3 credits

Hours to be arranged

SSI 283:01

Margaret Chant

SSI 283:02

Betsy Feuerstein

SSI 283:03

Susan Wilkin

Special Note: The child care internship program mentioned above in SSI 281 and SSI 283 is open to undergraduate psychology, social work, education, nursing, and liberal arts majors who wish to gain experience in a day care center. Students will be placed in Stony Brook's infant/toddler or 3- to 5-year-old child care facilities on campus. Call 632-6930 for more information.

Sociology

INT 180 Women's World, Women's Place: An Introduction to the University for Re-Entry Students

Jill Suitor

Designed to help re-entry students adjust to school and, specifically, to Stony Brook. After meeting with counselors, librarians, instructors from the Mathematics Learning Center, and others for several weeks, students will turn to reading and writing in women's studies as a focus for reviving academic skills. Topics of concern to women will be studied from both a historical and contemporary perspective. Discussion will be encouraged as will the writing of several short papers, including a research paper. Written work will receive careful guidance and criticism.

Prerequisite: Open only to students returning to school after at least five years of absence.

(Term I) 3 credits

M W, 6:00-9:25 p.m.

SOC 105 Structure and Methods in Sociology

A general introduction to the science of sociology. This course emphasizes sociological theory and methods. Students will be taught what is unique about the way in which sociologists analyze human behavior and society. Differences between the sociological perspective and perspectives of other social sciences are emphasized. There will also be a heavy emphasis on the types of methods and data that sociologists use to test the validity of their ideas. May not be taken for credit in addition to SOC 103, 106, 301, 305, or the discontinued 104. A Core Course satisfying Social and Behavioral Sciences Category B.

3 credits

(Term I)

Jorge Arditi

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

(Term II)

Howard Koval

M W, 1:00-4:25 p.m.

SOC 247 Women and Men

Roberta Karant

The roles of women and men in modern society; changing relations between the sexes; women's liberation and related movements. A Core Course satisfying Social and Behavioral Sciences Category A, Group 3.

(Term I) 3 credits

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

SOC 301 Principles of Sociology

Joyce Hennessey

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, 105, 106, 305, or the discontinued 104, nor for major credit. May be used as a prerequisite for higher-level sociology courses in place of SOC 103, 105, 106, or 305.

Prerequisites: Upper-division standing; a major other than sociology

(Term II) 3 credits

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

SOC 304 Sociology of the Family

Carolyn Hasman

Analysis of the family as a major social institution; examination of the structure and functions of the family in various societies.

Prerequisites: SOC 105 or 106 or 103 or 301; either SOC 201 or two other courses in the social sciences.

(Term II) 3 credits

M W, 9:00 a.m.-12:25 p.m.

SOC 337 Sociology of Deviance and Crime I

Karen Cerulo

An integrated consideration of deviance, crime, and delinquency from a sociological perspective, focusing on competing theories of the nature and etiology of deviant and criminal

behavior, problems of research in these areas (and the related technical, legal, and ethical issues), and substantive findings for "non-victim" crimes and legal but morally stigmatized behavior.

Prerequisites: SOC 105 or 106 or 103 or 301; either SOC 201 or two other courses in the social sciences

(Term I) 3 credits

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

SOC 338 Sociology of Deviance and Crime II

Lyle Hallowell

An integrated consideration of deviance, crime, and delinquency from a sociological perspective, including topics on the substantive findings about juvenile crime, adult victim crime, and a sociological view of the control of deviant and criminal behavior.

Prerequisite: SOC 337

(Term II) 3 credits

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

SOC 352 Sociology of Religion

Milagros Pena

The ways in which sociocultural processes affect and are influenced by religious belief systems and organizations; changing structures and functions of religious institutions. A Core Course satisfying Social and Behavioral Sciences Category A, Group 2.

Prerequisites: SOC 105 or 106 or 103 or 301; either SOC 201 or two other courses in the social sciences.

(Term II) 3 credits

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

SOC 356 Political Sociology

Rick Eckstein

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

Prerequisites: SOC 105 or 106 or 103 or 301; either SOC 201 or two other courses in the social sciences.

(Term I) 3 credits

M W, 9:00 a.m.-12:25 p.m.

SOC 370 Work and the Professions

Katharine Donato

The social patterning of work situations and careers; relations of work organizations to each other and to larger social structures.

Prerequisites: SOC 105 or 106 or 103 or 301; either SOC 201 or two other courses in the social sciences

(Term I) 3 credits

M W, 1:00-4:25 p.m.

SOC 391 Special Topics: Sports and Society

Christena N. Eng

An analysis of sports in the United States from a dual perspective. First, the development of sports into a mass consumption commodity will be examined. Second, sports as an institution, reflecting, perpetuating, and creating societal values and norms of behavior, will be discussed.

Prerequisites: SOC 105 or 106 or 103 or 301; SOC 201 or two other courses in the social sciences.

(Term II) 3 credits

M W, 6:00-9:25 p.m.

Technology and Society

EST 291 Energy, Environment, and People

Sheldon Reaven

Case studies selected from topics such as radioactive wastes; Long Island's toxic wastes; Shoreham, Chernobyl, and nuclear safety; agriculture and the environment; and global resources. The course emphasizes the interplay between scientific and engineering considerations and human values and institutions. A Core Course satisfying Natural Sciences Category B. Note: This summer's course will emphasize field research on energy/environmental issues affecting Long Island.

Prerequisites: Two Natural Sciences Category A courses (except those designated ANP); any AMS course numbered 102 or higher or any MAT course numbered 120 or higher

(Term I) 3 credits

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

EST 392 Engineering and Managerial Economics

Arthur Gilmore

Applications of fundamental economics principles and systems analysis to problems of planning and design in the manufacturing or service sectors of industry. Includes time value of money, analysis of various types of cash flows; development of rate of return, benefit-to-cost ratios in their use to evaluate competing investment programs. The role of depreciation and investment tax credits on the level of corporate taxation leading to the determination of after-tax rates of return.

Prerequisite: Upper-division standing in engineering or economics

(Term I) 3 credits

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

EST 441 Business Policy, Formulation, and Administration

David Oser

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 as a basis for a discussion-oriented class session. Analyses of financial statements, production planning, and organizational structures are involved in arriving at recommendations for action.

Prerequisites: Any three required courses in the business minor program; permission of instructor

(Term I) 3 credits

M W, 6:00-9:25 p.m.

(Term II) 3 credits

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

Theatre Arts

THR 101 Understanding Theatre

Robert Alpaugh

An overview of performance, design, and production in the theatre. Specific texts will be explored through lectures, demonstrations, and a close examination of the rehearsal process. Professionals working in the theatre will be invited to speak on such topics as stage management, technical production, and direction. A Core Course satisfying Humanities and Fine Arts Category B.

(Term I) 3 credits

Tu Th, 11:30 a.m.-2:55 p.m.

THR 117 Film and Video Narrative

Carel Rowe

The techniques of dramatic narrative unique to film and video. The work of great directors from Griffith to Godard

and video works from Playhouse 90 to Masterpiece Theatre, as well as the work of Brakhage, Paik, Wegman, and others will be viewed and analyzed.

(Term I) 3 credits

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

THR 316 Advanced Technical Theatre

Patrick Kelly

Advanced study of materials and techniques of problem solving in stagecraft, including theatre sound, technical direction, advanced drafting, budgeting, crew organization, and planning.

Prerequisites: THR 116; permission of instructor (632-7300)

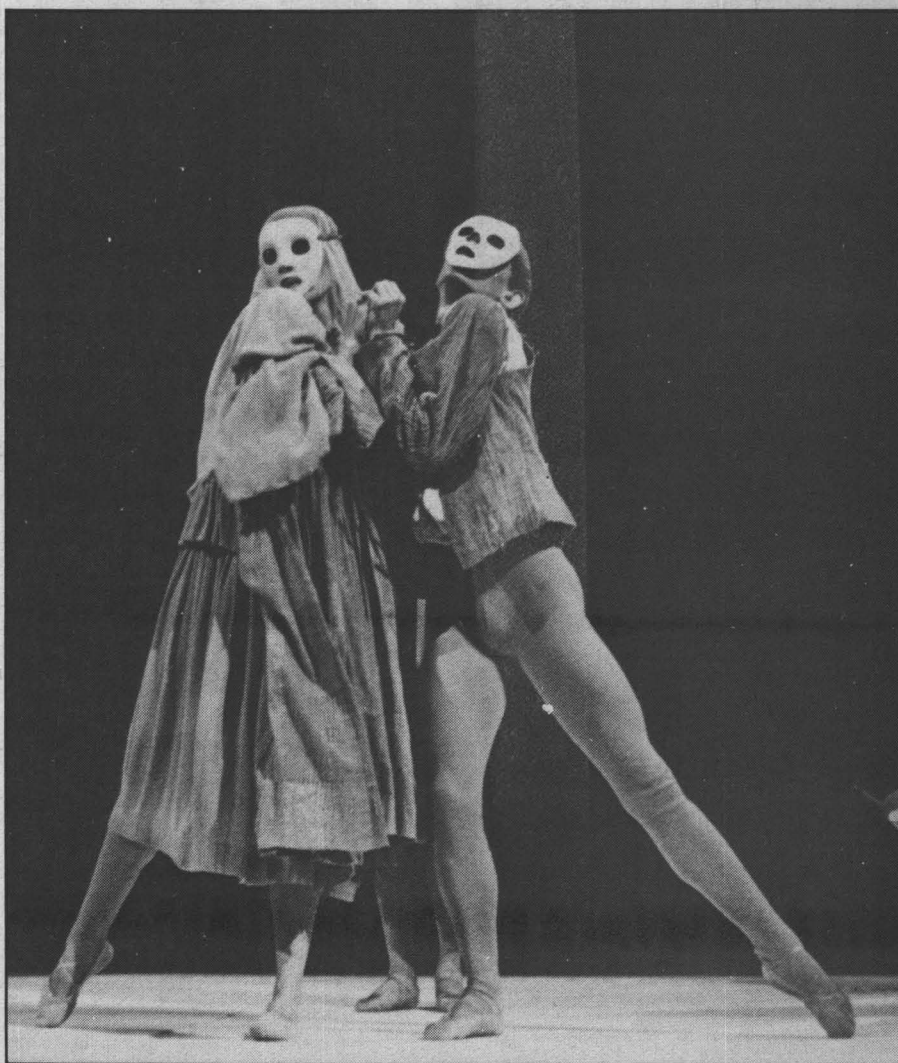
(Term I) 3 credits

Lecture

M W F, 11:30 a.m.-12:50 p.m.

Lab

M W F, 12:50-2:10 p.m.



Graduate Courses

Meeting Times and Places

Summer Session classes are offered in the morning, afternoon, and evening to accommodate students with different schedules. Classes 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 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 are posted outside the Registrar's Office, second floor lobby of the Administration Building, beginning one week before the start of each term. They are also posted outside the Summer Session Office, N-215 Social and Behavioral Sciences Building.

Any changes in class meeting days or times are 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.

Undergraduates Taking Graduate Courses

Undergraduate students who wish to take graduate courses for undergraduate academic credit must have the appropriate permission. Stony Brook undergraduates must have written permission from the undergraduate Committee on Academic Standing prior to registering for any graduate course in order to receive credit for that course toward their undergraduate degree. Permission of the instructor is not sufficient.

Visiting students must bring written permission from the institution they attend during the academic year to the Summer Session Office in order to receive permission to register in any Stony Brook graduate course.

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) 632-6000 if a department's phone number is not listed after the course descriptions.

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) 689-6000 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 1987. 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) 632-7070 if they have registered early.

Foundations Courses

CEI 501 Foundations of Humanities *Krin Gabbard*

An introduction to key concepts essential to further study in the humanities. Students will be exposed to works in literature, art, music, philosophy, and history that deal with such topics as the classical beginnings of literary theory, interdisciplinary perspectives on cultural history, the romance, and literature and psychology.

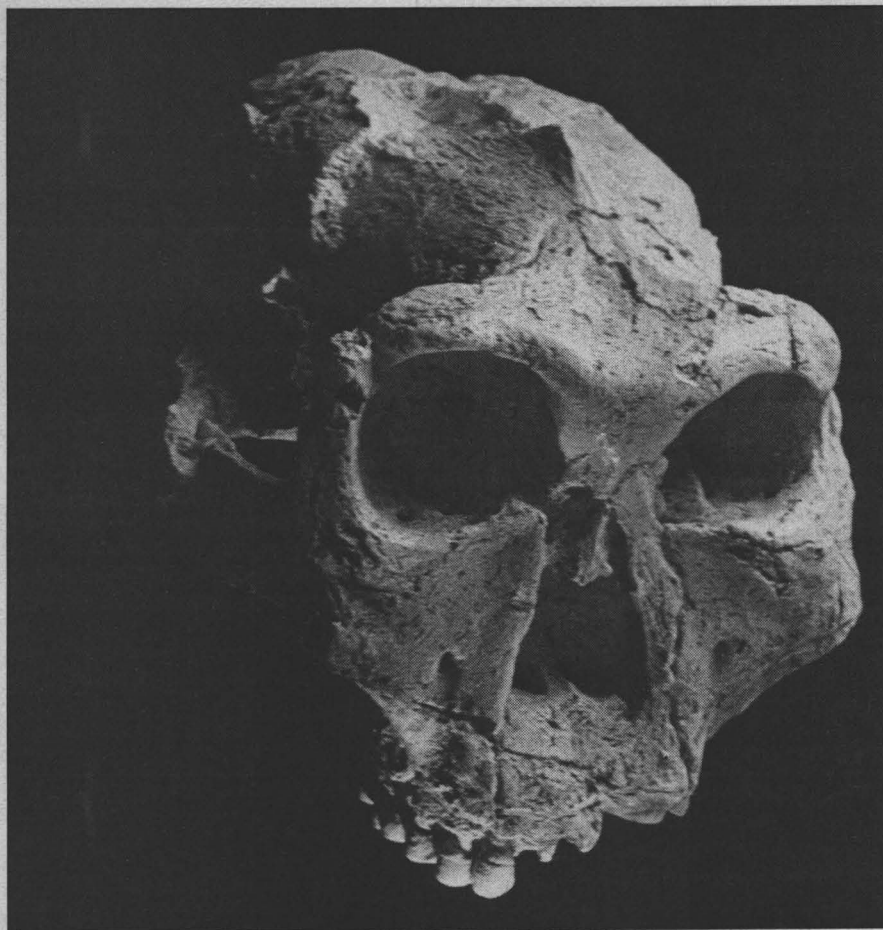
(Term I) 3 credits/AH (F)
Tu Th, 5:00-8:25 p.m.

CEI 502 Foundations of the Modern Social Sciences

John Williams

This course will provide a historical sociological and anthropological thought: The Enlightenment background, Marx, Tocqueville, Durkheim, Weber, and Malinkowski. The second half of the course will then examine some of the more recent scholarship on culture contact, race relations, and social changes in the light of the theoretical background of the first half of the course. Individual student research topics will focus on this connection between social theory and the problems of understanding actual social situations.

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



CEI 508 Foundations of the Social Sciences: The Causes of Conflict

Leonard Gardner

A study of the causes of antagonism between groups, classes, nations. The readings range from an account of a particular conflict (Homer's *Iliad*) to general theories of conflict (Machiavelli, Marx, Nietzsche, Freud), concluding with issues generated by the possibility of nuclear warfare (Freeman Dyson).

(Term I) 3 credits/SB (F)

M W, 5:30-8:55 p.m.

Anthropology/Archaeology

ANT 527 Anthropological Field Methods: Summer Field School, 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. Enrollment limited.

Prerequisite: Permission of instructor (632-7620)

(June 1—July 3) 6 credits/SB

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

CED/GSP students who would be interested in independent field work in archaeology during July or August should contact Professor Kent Lightfoot at 632-7620.

CES 502 Social and Cultural Anthropology

William Arens

An introduction to the forms of social organization, family, economics, politics, and religious beliefs among the simpler and more complex societies. Special emphasis will be placed on cross-cultural comparisons of male-female relations, personality structure, character formation and childrearing, and forms of social stratification and social control.

(Term II) 3 credits/AH or SB

M W, 1:30-4:55 p.m.

Applied Mathematics and Statistics

AMS 576 Statistical Methods for Social Scientists

Hung Chen

This course is an introduction to statistical thinking in the social sciences. The course will cover statistical variability, standard scores, regression, correlation, sampling notions, estimation, confidence intervals, significance testing, conditional probability, and Bayesian manipulations.

Prerequisite: Permission of department (632-8357)

(Term II) 3 credits/NS

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

Art

ARS 570 Graduate Printmaking

Martin Levine

Graduate studio in the theory and practice of printmaking. Color, black and white and photographic processes in plate and stone lithography, serigraphy, relief and intaglio, emphasizing the student's development as an artist.

Prerequisite: Permission of instructor; accepted candidate for M.F.A. or permission of department (632-7250)

(Term I) 3 credits/AH

M W, 5:00-8:25 p.m.

CEA 510 Printmaking Workshop

Martin Levine

Graduate studio in the theory and practice of printmaking. An advanced course stressing individual development as an artist.

Prerequisite: Permission of department (632-7250)

(Term I) 3 credits/AH

M W, 5:00-8:25 p.m.

CEH 506 Horror in Film

Michael Edelson

A survey examination of the influence of various art movements on the genre of horror, supernatural, terror, and science fiction films with particular attention to *mise en scene* evoked through set design, lighting, make-up, special effects, audio, camera movement, and general cinematography. Some films viewed include *Nosferatu the Vampyre*, *The Hunger*, *The Picture of Dorian Gray*, *Alien*, *I Walk With a Zombie*, *Frankenstein*, *The Wolf Man*, *The Shining*, *The Bride of Frankenstein*, *Wolfen*, *Phantom of the Paradise*.

(Term II) 3 credits/AH
Tu Th, 6:00-9:25 p.m.

CEH 509 Photography as a Teaching Tool

Michael Edelson

This course is specifically designed for school teachers who wish to use photography as a teaching method and visual awareness tool. The course will familiarize participants with "instant" photographic equipment and materials and will teach them how to integrate visual awareness into individual disciplines and lesson plans. Students will design and develop lesson plans and programs to meet their individual needs. *Note:* Students will need constant use of adjustable 35 mm SLR camera plus an inexpensive instant camera; materials will cost approximately \$125.

Prerequisite: Basic working knowledge of photography required: f-stops, shutter speeds, depth-of-field, exposure control, etc.

(Term II) 3 credits/AH
Tu Th, 1:30-4:55 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, both 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 times.

(Term I) 3 credits/AH
Tu Th, 6:30-9:55 p.m.

CED/GSP students who would be interested in independent study during Term I in the study of film comedy should contact Professor Krin Gabbard at 632-7460.

Education

CEC 552 Computer Applications for Gifted Children

William Batcher

This course will examine modern computer technology and its application to the teaching of gifted children. Students will explore the techniques and tools for teaching the gifted with microcomputers and will be introduced to BASIC programming. The course will stress how to develop computer literacy, how computers may be used to enrich or accelerate, how to use computers to develop and exercise higher-level thinking skills, and how to teach programming.

Prerequisite: Familiarity with microcomputers
(Term II) 3 credits/NS or SB
M W, 5:30-8:55 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. It will survey children's books of yesterday and today and will include experience with various types of literature: modern fantasy, poetry, contemporary realistic fiction, informational books, and biography.

(Term I) 3 credits/AH or SB
M W, 5:30-8:55 p.m.

CEE 522 Literature and Composition in the Schools

Leo Polaski

What to think about a work of literature, what to say about it to a class of students and, perhaps more interestingly, what composition assignments can be given based on its inherent critical problems are the concerns of this course. Course readings; fervent discussions, and short argumentative papers will involve its participants in widely differing works and in all of the possible critical approaches to them.

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

CEE 533 Current Developments in Reading Research

Lillian Restaino-Baumann

Participants will focus on the most recent research and theory in automaticity, schema theory, content area reading, text analysis, self-monitoring, testing and evaluation, instructional approaches, and the social context of reading. The research reports will be evaluated in terms of both the standards of good research and their contribution to the improvement of instruction in reading at all levels.

Note: Previous coursework in the teaching of reading would be helpful.
(Term I) 3 credits/SB
M W, 5:00-8:25 p.m.

Other courses of particular interest to teachers are listed under the following headings: Art, English, Foreign Languages, Health, Linguistics, Mathematics, Philosophy, Physical Education, Science, Social Sciences Interdisciplinary, and Technology and Society.

English

CEH 520 Writers Workshop: Fiction

Instructor to be announced

A course in creative writing for students interested in writing fiction.

(Term I) 3 credits/AH
M W, 6:00-9:25 p.m.

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 20th-century novels written about adolescents.

*(Term I) 3 credits/AH or SB
M W, 5:30-8:55 p.m.*

CEH 532 From Realism to Modernism: American Literature and Art in the Early Twentieth Century

Lloyd Becker

A study of the evolution of our modernist aesthetic, with particular emphasis on the shaping influences of the naturalistic novels of Dreiser and Norris, the feminist realism of Kate Chopin, the early experiments of Stein, and the poetic and fictional breakthroughs of Hemingway and Williams. An examination of related developments in painting (O'Keefe, Dove, Sheeler, Demuth, and Hopper) and photography (Stieglitz and Weston) will add another perspective and will provide a dimension of particular interest to those teaching interdisciplinary studies.

*(Term II) 3 credits/AH
Tu Th, 9:00 a.m.-12:25 p.m.*

Foreign Languages**CEL 531 Latin Poetry**

Aaron Godfrey and William Mayer

This course will concentrate on the Latin poets who are used on the advanced placement examination: Catullus, Virgil, Horace, Ovid and Martial will be examined closely including the style, metre and historical context of each.

Prerequisite: Fundamentals of Latin grammar

*(July 6—July 31) 3 credits/AH
M Tu W Th F, 11:15-1:10 p.m.*

CEL 532 Latin Prose

Aaron Godfrey and William Mayer

This course will concentrate on Latin Prose writers, especially Caesar, Cicero, the historians, and medieval prose

writers. There will be special emphasis on prose style, techniques of translation, and the special historical context of each of the writers.

Prerequisite: Fundamentals of Latin grammar

*(July 6—July 31) 3 credits/AH
M Tu W Th F, 2:30-4:25 p.m.*

CEL 533 Review of Latin Grammar

Aaron Godfrey and William Mayer

A thorough review of Latin grammar and composition. The class will include teaching techniques for some of the more difficult concepts in grammar.

Prerequisite: Permission of instructor (632-7070)

Note: LAT 111 Elementary Latin will also be offered at this time

*(July 6—July 31) 3 credits/AH
M Tu W Th F, 9:00-10:55 a.m.*

The above courses are included in a new Summer Institute in Latin which will take place from July 6 through July 31. In addition to the course hours listed above, participants in the Latin Institute will attend two evening workshops each week.

Details about the Latin Institute and other institutes in French, Italian, and Spanish are included in the section of this bulletin titled "Special Programs and Institutes." All of the foreign language institutes will occur in July; they are especially designed for current or prospective foreign language teachers in the public schools.

Health**CEM 540 Drugs: Use and Misuse**

David Tuohey-Mote

A course intended to develop an awareness of facts, attitudes, and opinions necessary to arrive at an understanding of physiological, psychological, and sociological aspects of drug-taking behavior. The roles of medical, social, and educational institutions in dealing with the problem of drug use and misuse will be examined.

*(Term II) 3 credits/SB
Tu Th, 10:00-1:35 p.m.*

Labor/Management Studies**CES 514 Collective Bargaining and Arbitration in the Public Sector**

Frank Marlow

The history, procedures, and problems of public sector labor relations, and comparisons with the private sector. The role of public opinion and politics in public sector bargaining. Students will role play the negotiation of a public sector contract: preparation of bargaining package, negotiation, mediation, fact-finding, arbitration. They will also prepare, present, and critique a public sector grievance case from its shop origins to its final disposition by arbitration.

*(Term I) 3 credits/SB
M W, 6:00-9:25 p.m.*

Linguistics**LIN 522 Phonetics**

B. Yang

A study of articulatory phonetics and the international phonetic alphabet, with intensive practice in phonetic transcription from a wide variety of languages. Acoustic phonetics, speech perception, and the applications of phonetics to foreign language teaching.

*(Term II) 3 credits/AH or SB
Tu Th, 1:30-4:55 p.m.*

LIN 524 Methods and Materials of TESOL

A. Hannaoui

Theoretical bases of foreign language pedagogy; inputs from linguistics, psychology and education; overview of methods; syllabus design; lesson plans; teaching aids; techniques for teaching grammar, vocabulary, pronunciation, reading and writing; teaching communicative competence; evaluating and creating textbooks and supplementary materials.

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

LIN 527 Structure of English

T. Perez

A description of the major sentence elements, subsystems and productive grammatical processes of English. The

justification of grammatical categories, interaction between systems and processes, notions of standard and correctness are discussed with a view to their application in the ESL classroom.
(Term I) 3 credits/AH or SB
M W, 5:30-8:55 p.m.

LIN 532 Second Language Acquisition

D. Chattopadhyay

Study of the acquisition of a second language by children and adults. The focus is on data (the systematicity of the learners' errors, the ease of acquisition in childhood, etc.) the adequacy of theories (e.g. interlanguage processes, the monitor model, the critical period) to explain data, and the reliability of methods of obtaining data. Students conduct an empirical study testing a current hypothesis.
(Term II) 3 credits/AH or SB
Tu Th, 9:00-12:25 p.m.

Mathematics

CEN 527 Introduction to Modern Math: Geometry

Eugene Zaustinsky

Modern geometry. Topology: the study of bending, stretching, and twisting. Non-Euclidean geometry: the worlds of Bolya, Reimann, and Lobachevsky.
(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, 1:30-4:55 p.m.

MAT 513 Analysis for Teachers I

Instructor to be announced

Topics in differential calculus, its foundations, and its applications. This course is designed for teachers and prospective teachers of advanced placement calculus.
(Term II) 3 credits/NS
M W, 1:30-4:55 p.m.

MAT 518 Seminar on the Uses of Mathematics

Instructor to be announced

This seminar will explore the ways in which secondary school and elementary college mathematics are used in such diverse areas as psychology, sociology, political science, economics, business, engineering, physics, chemistry, biology, and medicine. Primarily for secondary school teachers of mathematics.
(Term II) 3 credits/NS
M W, 5:30-8:55 p.m.

Philosophy

PHI 552 Parents and Children

Clyde 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, the varying challenges of different stages in children's development, non-sexist childrearing, and moral development.
(Term I) 3 credits/AH or SB
M W, 6:00-9:25 p.m.

Physical Education

CEP 502 Principles of Coaching

Teri Tiso

This course will review selected principles of coaching and 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.
Note: This course is part of the New York State Coaching Certification Program.
(Term I) 3 credits/SB
M W, 6:00-9:25 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. As a result of the increasing awareness of the specialized nature of athletic injuries, considerable emphasis is now being placed in the importance of this developing area of sports medicine.
Note: This course is part of the New York State Coaching Certification Program.
(Term II) 3 credits/SB
M W, 6:30-9:55 p.m.

CEP 518 Exercise, Nutrition, and Weight Control

Teri Tiso

This course is designed to present an overview of the physiological bases of exercise, nutrition, and weight control concepts as they relate to the average individual and to the athlete. Understanding energy production and expenditure is important when studying the dynamic interrelationships of nutrition and weight maintenance. Emphasis is placed on the role of physical activity, optimal nutritional habits, and body composition in reducing life stressors and promoting fitness maintenance.
Prerequisite: A course in anatomy and physiology or CEP 513
(Term I) 3 credits/NS or SB
Tu Th, 6:00-9:25 p.m.

Public Policy

PAM 581:21 Management of Organizations in Public Sector

Gerrit Wolf

How can organizations in the public sector be made more effective? Focus of the course is on the concept of appropriateness of fit between managerial structure. Theory is drawn from Taylorism, the Hawthorne Studies; job redesign, management by objectives.
Note: This course will be held at State Office Building, Veterans Highway, Hauppauge, Room 6A12, 6th floor.
(June 9-30; July 7 and 14) 3 credits/SB
Tu, 9:00-5:00 p.m.

Science

CEB 511 Field Studies in Long Island Natural and Cultural History

Frank Turano and Susan

Grzybowski

Students will explore 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 must be able to do strenuous hiking at some of the field sites. They may wish to form carpools since the field sites to be visited are scattered around Long Island. Some sites also have entrance fees.

*(June 29—July 23) 6 credits/NS or SB
M Tu W Th, 9:30-4:30 p.m.*

CEB 560 Introduction to Outdoor Education/Environmental Science

James Romansky

An outdoor education course intended as an introduction to the natural environment for those in schools or community organizations. The focus will be on designing and implementing outdoor education curricula by visiting several teaching environmental centers, as well as by laboratory exercises, "hands-on" workshops, discussion, and critiques.

*(June 29—July 17) 3 credits/NS or SB
M W F, 9:00-3:30 p.m.*

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

Mario E.C. Vieira

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.

*(July 6—July 31) 3 credits/NS
M W F, 9:00 a.m.-12:25 p.m.*

CEN 515 Long Island's Natural Environment

Steven Englebright

A field course designed as an introduction to the geology, climatology, and vegetation of Long Island emphasizing comparisons with New England and Mid-Atlantic environments and including historical perspectives. Participants will learn field study, collecting, and curating techniques useful to classroom teaching at any level.

Prerequisite: One course in college-level biology or geology; or permission of instructor (632-8230)

(Term II) 3 credits/NS

Tu, 9:30 a.m.-3:00 p.m.; Th 9:30 a.m.-12:00 noon

CEN 553 Seminar in Improving Science Teaching

Melanie Barron

This course will initiate understanding of current research in learning styles and brain dominance as applied to classroom instruction and lesson planning in secondary science education. It will focus on three areas: 1) an examination of the 4MAT Learning Styles approach (created by Bernice McCarthy) as applied to science instruction; 2) the development of instructional strategies based on the learning styles of students; and 3) a review of some of the current research on education reform. Individual learning in one area of scientific inquiry is a requirement and will be integrated into the class sessions.

Note: Grades will be issued at the end of the 1987 Fall semester.

*(August 10-21) 3 credits/NS or SB
M W F, 9:00 a.m.-1:00 p.m. plus one 3-hour session to be announced each month Sept.-Dec. 1987*

CEN 554 DNA Science Workshop

David Micklos

A laboratory workshop in molecular biology for secondary science teachers that will provide hands-on experience with the tools of biotechnology to

stimulate laboratory-based instruction in DNA science in advanced placement and honors biology classes. Participants will perform nine experiments that culminate in the production and analysis of recombinant-DNA molecules and will develop methods for implementing lab teaching in DNA science at the high school level. Protocols are presented to teachers in an intensive five-day workshop which introduces the major techniques of molecular biology. The workshop has been created and is taught by instructors from the Cold Spring Harbor Laboratory. A two day follow-up workshop in Fall 1987 is part of this workshop program. Grades will be issued at the end of the fall semester.

Prerequisite: Current A.P. and honors biology teachers; involvement in departmental affairs, professional development and curriculum development.

(August 24-28) 3 credits/NS

M Tu W Th F, 8:00 a.m.-5:00 p.m.

plus one 2-day weekend to be announced during the fall semester

Social Science Interdisciplinary

CEE 502 Introduction to Multi-Cultural Education in the United States

George Fouron

The study of American education in a cross-cultural perspective and a critical analysis of the relevant issues in multi-cultural education in the United States. The course adopts a multi-disciplinary approach by exploring the fields of sociology, history, anthropology, and linguistics as they relate to the realities of multi-cultural education. Special attention will be given to the role of bilingualism as a major resource in education for democratic pluralism and inter-cultural understanding.

(Term I) 3 credits/SB

M W, 6:00-9:25 p.m.

CEE 510 The Child at Play

Joan Kuchner

The aim of this course is to initiate an appreciation of the significance of human play for children's development. It will investigate a range of theoretical approaches as a means of understanding

and facilitating the play of children. The relevance of children's play behavior will be explored as it pertains to family, educational and clinical settings.

Prerequisite: A course in developmental psychology; permission of instructor (632-7685)

(Term I) 3 credits/SB

Tu Th, 4:30-7:55 p.m.

CEE 528 The Court and the Classroom

George Fouron

Rights, privileges, and duties of teachers, students and parents, administrators, and school board members are examined from the perspective of common law and key Supreme Court's opinions and decisions relating to education.

(Term II) 3 credits/SB

M W, 1:30-4:55 p.m.

CET 535 China Today

Shi Ming Hu

An introduction to the People's Republic of China through the study of selected topics dealing with life and society in China today. The topics include communes, urban life, children and youth, women, factories, literature and art, education, medicine and health care, national minorities, language reform, ideological campaigns, etc.

(Term I) 3 credits/SB

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

Sociology

CES 581 Contemporary American Society

David Halle

An analysis of the main institutions and issues in modern America: work, marriage and family life, politics, class, race, ethnicity, and religion.

(Term I) 3 credits/SB

M W, 5:30-8:55 p.m.

Technology and Society

CEN 597 Technology Concepts and Systems: Electricity/Electronics for Technology Teachers

Frank Darzano

This course is designed to provide secondary school technology teachers with an opportunity to update their knowledge and classroom expertise in electricity/electronics experimentation. Project construction and development of technology learning activities will be emphasized. Starting with a review of basic electricity concepts, the course will conclude with the study of digital electronics.

Prerequisite: Some knowledge of electricity and electronics will be helpful.

(Term I) 3 credits/NS

M W, 5:00-8:25 p.m.

EMP 502 Management Accounting and Financial Decision Analysis

Hans Lang

Fundamentals of managerial accounting with emphasis on cost accounting terms, concepts, ratio and break-even analysis, financial structure, cost analysis, opportunity costs and return calculations, replacement of assets, portfolio theory.

(Term II) 3 credits/NS

M W, 6:15-9:40 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, 6:00-9:25 p.m.

EST 583 Computer Literacy

Randall Israel

Students will develop a basic understanding of digital computers—how they work and their applications. Emphasis will be placed on applications and the social implications of the use of computers in education, business, artificial intelligence and robotics, medicine and government. Actual experience with the

computer will include introduction to programming, algorithmic problem formulation, and running existing programs.

(Term I) 3 credits/NS or SB

Tu Th, 4:30-7:55 p.m.

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

Dennis Jackson

This course will involve the student in studies of the science, technology and economics of four selected areas: electronics, transportation, energy, and health sciences. Classroom time will be supplemented by visits to appropriate facilities in each area, individuals and groups will also plan for the use of the 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 classes 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 within the student's organization.

(Term I) 3 credits/NS or SB

Tu Th, 6:15-9:40 p.m.

EST 588 Technical Communication for Management and Engineering

Susan Moger

The ability to communicate technical ideas clearly and effectively is critical to success in management and engineering. Personal hours and money are wasted when confused, distorted writing and speaking obscure the information they are intended to convey. This course will provide managers, engineers and other technical professionals with practical methods for making their memos, reports and correspondence clear, comprehensible and persuasive. They will learn strategies for communicating with both non-specialist and technical audiences, stating their purpose clearly, organizing points most effectively, and expressing ideas concisely and precisely. Special attention will be given to technical presentations, and communication in meetings.

(Term I) 3 credits/SB

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

Admissions and Registration

Summer Admission Policy

Stony Brook has an open admission policy during the summer. Admission to undergraduate courses is open to graduates of approved secondary schools or equivalency programs. Admission to graduate courses is open to holders of bachelor's degrees from any accredited four-year college or university.

All summer students should be aware that admission to summer classes is for the summer session *only*. Information about applying for admission, as either a matriculated or non-matriculated student, to academic year programs is noted in the following section.

Academic Year Admission

Undergraduates who wish to enter a degree program in the fall or spring semester following their summer studies should write or call the Office of Undergraduate Admissions, SUNY at Stony Brook, Stony Brook, NY 11794-1901; telephone (516) 632-6868.

Prospective graduate students should contact the Graduate School, SUNY at Stony Brook, Stony Brook, NY 11794-4433; telephone (516) 632-7040. Prospective Master of Arts in Liberal Studies or non-matriculated graduate students should contact the Center for Continuing Education, SUNY at Stony Brook, Stony Brook, NY 11794-4310; telephone (516) 632-7050.

High School Admission

Qualified high school students who will complete their junior year in June 1987 may take introductory-level summer courses upon the recommendation of their high school guidance office. For further information about admissions procedures for high school students, write 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) 632-7070.

New and Visiting Student Registration

Undergraduate Students

Undergraduate students new to Stony Brook (freshmen and transfer students admitted for fall 1987), undergraduate students returning from a term prior to spring 1987, and visiting students should complete the registration form in the back of the 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, however. Summer registration materials will be mailed to current Stony Brook undergraduates together with their fall 1987 registration material.

High School Students

High school juniors wishing to take lower division (100- and 200-level) courses can obtain an application for admission to the 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) 632-7070. This form is signed by the student and the guidance department and returned in person or by mail, together with the registration form from the back of this bulletin.

Graduate Students

Graduate students not currently attending Stony Brook and graduate students returning from a term prior to spring 1987 who wish to take graduate courses during summer 1987 apply to the Center for Continuing Education as Graduate Special Students (GSP). All graduate students must register in person for summer courses.

To obtain a GSP registration form, write 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) 632-7050.

Or, pick up an application 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 May 5, 12, 19, and 26.

Please note that students may register only until 4 p.m., except on Tuesday, May 5 and May 26 when registration hours are extended to 7 p.m. Therefore, it is advisable to plan to pick up a GSP registration form by 3 p.m. if a student wishes to register the same day.

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, evening registration will be held until 7 p.m. on Tuesday, May 5, 12, 19, and May 26. The Registration Offices will also remain open until 7 p.m. during late registration on Thursday, June 4 and Thursday, July 16.

Foreign Students

Students who are not citizens or permanent residents of the U.S. must demonstrate proficiency in reading, writing, and speaking English, as well as comprehension of the spoken language if their first or native language is not English or if they have pursued higher education in a non-English-speaking country. They can do this by presenting a score of at least 550 on the Test of English as a Foreign Language (TOEFL). This test is given at centers throughout the world on several dates each year. The testing schedule and registration information can be obtained by writing to TOEFL, Education Testing Service, Princeton, NJ 08540.

They must also submit University Financial Affidavit Form SUSB 1202 along with their application for admission and the application fee.

Government regulations require that every foreign student attend the institution which issued the visa clearance used for entry into the United States. The Office of Foreign Student Affairs has complete information about these regulations. This office is located in 113 Central Hall; telephone (516) 632-7025.

Current Student Registration

Stony Brook students, both graduate and undergraduate, who are enrolled for classes in spring 1987 will receive in the mail an Authorization-to-Register form early in April, along with registration material for fall 1987. This form is used to register in person for summer classes (see instructions for In-Person Registration in the following section) as well as for any fall classes. Current Stony Brook students may not use the registration form in the back of this bulletin and may not register by mail for summer classes. Any mail registrations received from current Stony Brook students will have to be returned without processing.

Maximum Credit 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 who wish to enroll for more than eight credits in each term will have to 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 presently 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, New York 11790. All these forms are included in the back of this bulletin. Registration can only be processed when accompanied by payment or by the appropriate credit card information. If payment does not accompany the registration form, the form will be returned to the sender.

Mail registration will be accepted until May 13 for either or both summer terms. A payment receipt and confirmation of registration, along with a list of course locations, will be

returned by mail at the end of May. Mail registration forms which are received after May 13, or which do not include payment cannot be processed and will be returned to the sender. Please note that the deadline for receipt of housing applications is May 8.

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 May 4 through May 29, between 10 a.m. and 4 p.m. in the Administration Building, 2nd floor lobby. No registration will be held on Monday, May 25 (Memorial Day). Registrations for Term II will continue to be accepted Monday through Friday from June 8 through July 10 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, May 5, 12, 19, and May 26 until 7 p.m. in the Administration Building. Late registration is extended until 7 p.m. on Thursday, June 4 for Term I and Thursday, July 16 for Term II (with a \$20 late fee).

All fees, including housing fees, are to be paid at the time of registration. Students who have tuition waivers, fellowships, grants, or approved deferments should have all necessary forms completed before beginning the registration process. 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

Students should bring the Authorization-to-Register (ATR) form (if they have one) to the Office of Records/Registrar, 2nd floor lobby, Administration Building. Undergraduate

students who do not have an ATR form may obtain one at the Office of Records/Registrar. CED and GSP students may obtain an ATR from the CED Office.

The ATR form will be stamped with a registration number and the student will be given the necessary forms and instructions to complete registration. The student will complete the forms while waiting to be called to proceed to Step 3. At this time the student should also check for any last minute changes in class meeting days and times or course cancellations. These "Summer Session Updates" and the closed course list are posted outside the Registrar's Office.

Step 2. Preliminary Course Selection

After checking the update and the closed course list, the student should enter the 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 to have a bill prepared.

Step 4. Housing

Students who are currently commuters who wish to move into University housing for the Summer Session or who have questions about housing, should stop at the Residence Life Office, 138 Administration Building. Otherwise, proceed to Step 5. (Note: The deadline for applying for housing is May 8.)

Step 5. Payment of Fees

Proceed to the Bursar's area and pay all current fees, including housing and any previous balance shown on the bill. (Students should always save the computer-generated payment receipt.)

Step 6. Completion of Registration

Return to the Registrar's window where course requests will be checked for available space. The student should not leave without obtaining a computer-generated receipt listing all his or her course selections. This receipt should also be saved.

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 in the following section.

Changes in Registration

Changes in registration can only be made through the Office of Records/Registrar in person, not at the Summer Session Office. Forms for adding or dropping courses, changing sections, etc. may be obtained from the Office of Records/Registrar or from the Center for Continuing Education.

To Add a Course

Courses may be added through June 5 for Term I and July 17 for Term II. No late fee is charged if a student is adding one course and dropping another at the same time. A late fee of \$20 at the time of registration is charged to students who register after classes have begun. To late register for a course, a student must obtain the signature of the instructor on a registration form. To add a course, the student must obtain the signature of the instructor on an add/drop form.

To Drop a Course

Courses may be dropped until June 26 for Term I and August 7 for Term II. To do so, a student must submit an add/drop form to the Office of Records/Registrar. No record is kept of courses if they are dropped by June 5 for Term I, and July 17 for Term II. For courses dropped after these dates, the letter W (withdrawal) will be assigned.

A student who wishes to withdraw from one or all courses must notify the Office of Records/Registrar by letter. The official date of withdrawal is considered to be the postmark date, not the date of the last class attended. Neither non-attendance nor notification to the instructor constitutes formal withdrawal. Students must officially withdraw on or before June 26 for Term I, or August 7, 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 Tuition and Fees section of this bulletin for refund information. (The amount of refund, if any, is based on the date courses are dropped.)

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 Friday preceding the starting date. Courses on varying schedules have different add/drop deadlines. Information about such deadlines is 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. They must also obtain permission from the instructor to audit a course. Students may change from audit to credit basis until June 5 for Term I or July 17 for Term II. No credit is granted for auditing a course, nor does the University keep a record of students who audit courses.

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 have registered; they must show proof of registration. 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.



Tuition and Fees

Payment

Registration is complete when the student has computer-generated receipts from the Registrar and the Bursar. Students may pay by check (payable to SUNY at Stony Brook) or by VISA or MasterCard. Tuition and fees are based on the schedule printed below. All fees and charges are subject to change without notice.

A \$5 fee is imposed for any check returned as a bank debit, in addition, a \$20 late fee caused by the returned check may also be charged, if required.

Late registration is permitted through June 5 for Term I and July 17 for Term II and requires 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/credit hour

Fees

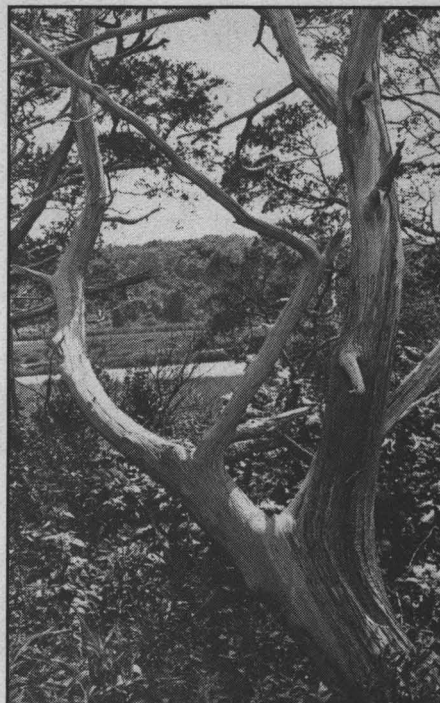
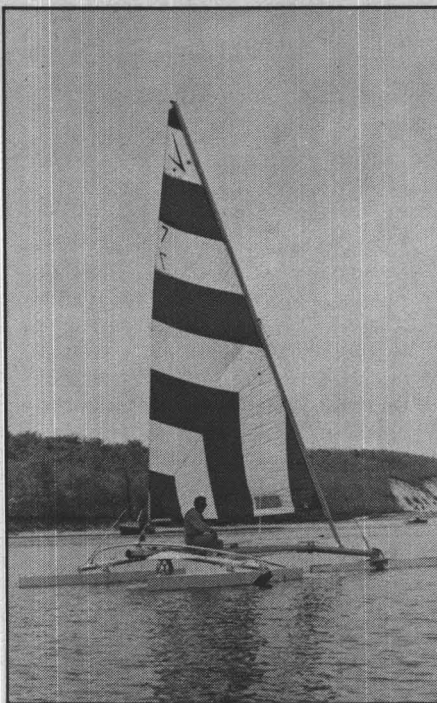
College Fee: \$.85/credit hour

Student Activity Fee:

Undergraduates: \$15/term

Part-time Graduate Students: \$4/term

The student activity fee is mandatory for all 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

The Office of Student Accounts requires that all requests for refunds be submitted in writing. Included with the request should be documentation proving the date that the courses were dropped. To request a refund write 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 6/5/87
2nd week: 70% through 6/12/87
3rd week: 100% through 6/15/87

Term II Liability

1st week: 0% through 7/17/87
2nd week: 70% through 7/24/87
3rd week: 100% through 7/27/87

The Office of Records/Registrar certifies the effective date of drop or withdrawal upon receipt of a completed

add/drop form. Add/drop forms are available from that office. After submitting the add/drop form students may apply for any refund to which they may be entitled. To expedite a refund a copy of the student's add/drop receipt should be submitted with the refund request.

No money can be refunded for tuition unless the student makes an application within one year after the end of the term for which he or she requests the refund. Exception: a full 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 for which the student does not receive academic credit. Acceptable proof is required.

- Refund of Housing Fee: Prorated by the week.
- Refund of Meal Plan 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 Fee: Not refundable.
- Refunds Caused by Overpayment or Processing Errors: The necessary adjustment will be made by the Office of Student Accounts.

General Academic Information

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 is determined by the instructor but may not be later than October 30, 1987 following the end of the 1987 Summer Session. If a final grade is not reported to the Registrar by that time, the grade of I will automatically be changed to I/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) 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 that 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 October 30, the grade of N/F or NC, as appropriate, will be recorded.

Pass/No Credit Academic Record Option

With the exception of EGC 101, MAP 102, and 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, A-, B+, B, B-, C+, C, C-, D+, 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. No more than 20 percent of all credits taken at Stony Brook, including F, U, and NC courses (but excluding courses in which a W is received) may be taken for P/NC.
- B. In each term election of the P/NC option is limited to a period at the beginning of the term. Changes either to or from the P/NC option may be made until June 26 for Term I or August 7 for Term II.
- C. The Registrar does not notify the course instructor of the names of students who have elected the P/NC option.
- D. 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 that supervises the program.
- E. Academic departments may (but are not required to) prevent students who have declared a major from electing the P/NC option for courses that their major requires to be taken for a letter grade.
- F. A student may not repeat a course with a grade recorded as P unless the assigned grade was a C- or below.

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 advisor 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.

Transcripts

Students desiring an official transcript of their academic records at Stony Brook should submit written requests to the Registrar at least one week before the transcript is needed. The transcript charge is \$3 per copy. Payment is made directly to the Bursar's Office and the receipt submitted to the Registrar along with the transcript request. Partial transcripts of student records 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 August graduation no later than July 17. 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. 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.

Academic Assistance *Returning Student Network*

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) 632-7082 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 1987 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.

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) 632-6710.

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 centers, and the libraries during the summer.

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 campus advisors specially designated to assist adult students. The Network sponsors workshops, a newsletter, and other academic services for returning students. Call (516) 632-7080 for information.

Math Tutoring

The Math Learning Center offers tutoring services to students in college algebra, precalculus and calculus I. Its tutors are available from 10 a.m. to 3 p.m., Monday, Wednesday, and Friday, Room S-233 in the basement of the Math Building. For more information call the Math Department at (516) 632-8245.

Writing Assistance

The English Department's Writing Center offers individual writing assistance to all members of the Stony Brook community including undergraduate and graduate students as well as 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) 632-7405.

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 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, is available to students with ID cards validated for the Summer Session. Disabled students should refer to the section of this bulletin that describes the Office of the Disabled for information about library services for the disabled.

Five branch science libraries for biology, chemistry, earth and space science, engineering, and mathematics/physics are located in the 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.



Student Services

Returning Student Club

The Returning Student Club, sponsored by the student government, holds weekly meetings and frequent special events. Interested students or prospective students should call Elaine Kaplan, coordinator of the Returning Student Network at (516) 632-7080 for more information.

Commuter Student Services

A Commuter Programs Coordinator serves as an advocate for all commuter student needs as well as advisor to commuter student organizations such as the Commuter College which represents all undergraduate students in Polity, the undergraduate student government.

Commuters who have questions about the Commuter College, Polity, programs and services, or commuter student life should call the Commuter Programs Coordinator at 632-0367 or stop by the Department of Student Union and Activities, Room 266, Stony Brook Union.

Bookstore

The main campus bookstore, operated by Barnes & Noble, is located on the ground level of the Library. The bookstore carries texts for summer courses as well as a wide range of other books and supplies. Call (516) 632-6550 for the bookstore's summer hours. Another bookstore is located in the Health Sciences Center, Level 2; telephone (516) 444-3685.

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. It 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) 632-6748.

Veterans Affairs

The Office of Veterans Affairs provides counseling and advisement to veterans and eligible dependents of veterans. Students seeking information regarding educational assistance or other programs, issues, and/or legislation affecting veterans are urged to contact this office as soon as possible.

The office, located in 155 Central Hall, is open Monday, Tuesday, and Friday from 1 to 5 p.m. and Wednesday and Thursday from 8:30 a.m. to 12:30 p.m. The telephone number is (516) 632-6815.

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 careers and career planning, teacher 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 a.m. to 3 p.m.; telephone (516) 632-6810.

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) 632-6460 or from the Student Activities Office (516) 632-6820, 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) 632-6530 or the Summer Session Office at (516) 632-7070 after May 15.

Summer Recreation

A variety of recreational facilities is available to summer students. These include courts for basketball, tennis, racquetball, squash, handball, and track, as well as an indoor pool. 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.

Summer recreational activities scheduled include softball, beach volleyball, tennis singles, paddleball singles, racquetball singles, and fun runs. Call 632-7200 for further information.

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 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.

For more information concerning the Stony Brook Union, call the Information Center at (516) 632-6820.

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) 632-6740.

Counseling Center

The University Counseling Center offers several services that are geared toward helping students deal better with psychological, emotional, and social issues that affect their academic work. Crisis intervention, individual, and group counseling are available for full-time students. The Center also provides programs for personal growth and

enrichment for all students. All Center services are free of charge and all counseling services are confidential. The Center is open from 8 a.m. to 4 p.m., Monday through Friday, and is located on the second floor of the infirmary. For information call (516) 632-6720.

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, 1987 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) and pay the \$2.50 fee.



Housing and Meal Plan

Application Instructions

Students Currently Living on Campus

Students currently residing on campus for the spring 1987 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 27 and May 8. Room assignments are made on a first-come, first-served basis as space permits. Priority is given to students registered for summer classes. Students are required to submit proof of summer registration when they apply for summer housing.

Students Not Currently Living on Campus

Students not living on campus during spring 1987 should fill out the 1987 summer housing application printed in this bulletin and return it along with the fee computation worksheet and appropriate payment, by May 8, to:

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

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 Sunday, May 31 from 2 p.m. to 6 p.m. All residents not registered for Term II will check out by 5 p.m. on Friday, July 10.

Housing check-in for Term II will take place on Sunday, July 12 from 2 p.m. to 6 p.m. Summer residents who have fall room assignments will move to their fall room assignments at the end of Term II. (There may be a fee for this intersession period before the fall semester begins.)

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. All fees and charges are subject to change without notice.

Term I Housing

June 1 - July 10: \$450

Term II Housing

July 13 - August 21: \$450

Meal Plan:

\$295/term payable in-person at the Bursar on the first day of each term for those assigned to the mandatory meal plan dorm. 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 rooms available in the summer. Roommate requests should be indicated on the housing application form where indicated.

Three residence halls: Whitman, Keller, and Greeley will be open this summer. Residents of Greeley will be required to enroll in a meal plan at a cost of \$295/term. Residents of Whitman or Keller may enroll in the meal plan if they wish, at a cost of \$75/term, or may choose to prepare their own meals.

The furniture provided in residence hall rooms include 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.

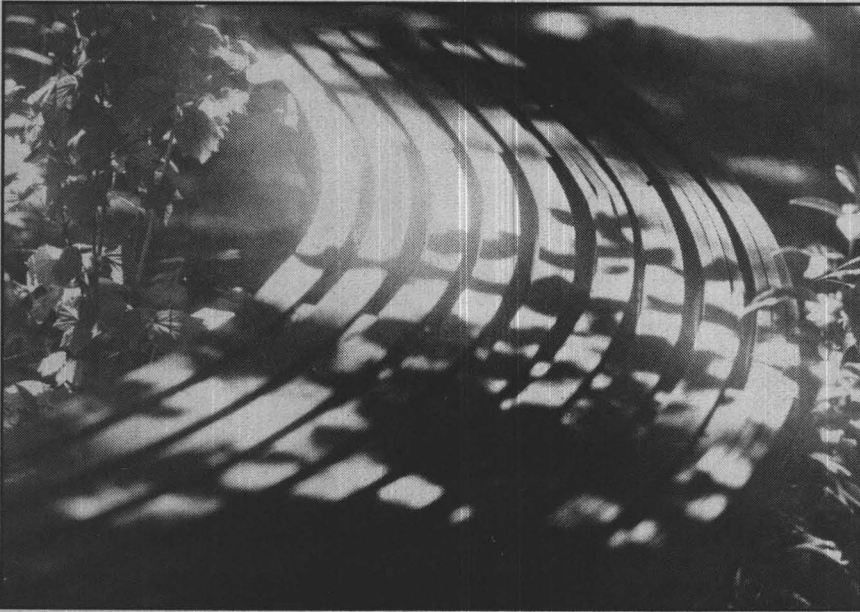
Students applying by mail or in person by May 8 will be notified of their room assignments by May 22. Students can also obtain their room assignments by checking the Residence Life bulletin boards outside 138 Administration Building.

All students living in campus residence halls are required to 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.

The Division of Residence Life reserves the right to administratively assign any resident at any time. Proper notice will be given to residents before any reassignments are made.

Residence Hall Services

The Quad Office is the administrative center of each residential 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 residents in advance.

Meals

One of the designated summer residence halls will be a mandatory meal plan building. Residents of this building will be expected to enroll in at least a 10-meal plan option. 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 is no cooking equipment in the suite-style quad lounges, however; students must use their own hot plates, toaster ovens, etc. In addition, this equipment must be in good working order and meet established safety standards. Cooking is prohibited in student bedrooms. There are size and amperage restrictions on refrigerators. Students should check with their Quad Office for guidelines to follow before bringing any refrigerators into the residence halls.

Housing Refunds

For summer 1987 housing refunds, students submit their requests in writing to the Division of Residence Life, State University of New York at Stony Brook, Stony Brook, NY 11794-0651. These requests should state clearly they are *refund requests for 1987 summer housing*. Refund requests for an entire summer term must be received in writing prior to the start of the term, otherwise the student will be liable for the entire session. 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) 632-6770.

Outside the Classroom

Summer Institute in American Living

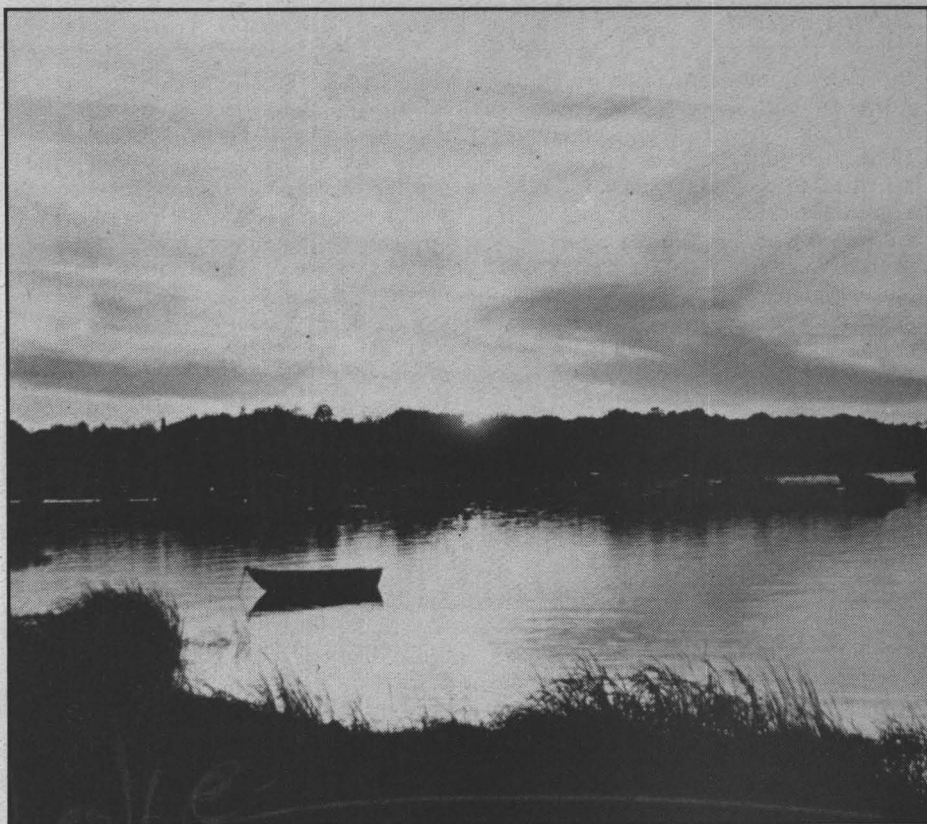
Stony Brook's Summer Institute in American Living is an intensive program of courses and activities in American language and culture for international students, visiting scholars, and their spouses. Students in the Institute attend English classes and classes on American culture. They are introduced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

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

The Institute begins on July 13 and ends on August 21. To receive an application for admission to this program, contact the Summer Institute Office, 105 Central Hall, SUNY at Stony Brook, Stony Brook, NY 11794-2700; or call (516) 632-7031.

Study Abroad

The Office of International Programs sponsors a number of study abroad opportunities during the summer as well as during the academic year. In summer 1987 programs for intensive study of the language and culture of France and Italy are to be offered in Avignon, France, and Rome, Italy. The program in Avignon takes place between July 1



and 31. The program in Rome takes place between June 28 and July 27; the application deadline for both programs is April 1, 1987.

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) 632-7030.

The International Theatre Festival

A multi-visual experience from Canada, Czech comedy, German drama, and a week of family fare are among the offerings of the second annual International Theatre Festival presented by the Fine Arts Center in June and July. The season opens on June 8 with the world renowned Tanzfabrik Dance Company of Germany in an exciting adaption of Gertrude Stein's *Birthday Book*.

Tickets to all performances are available at the Box Office located in the lobby of the Fine Arts Center. For further information call the Box Office at (516) 632-7230.

Bach Festival

Professional musicians from around the world will participate in Stony Brook's seventh Bach Aria Festival from June 15 through June 28. The festival activities, to be held in Stony Brook's Fine Arts Center, include seven concerts and a two-week institute. Selected sessions (master classes, lectures, open rehearsals) are open to the public each day at no charge.

An auditor's program will include daily classes and attendance at all concerts. In-service credit will be available to teachers.

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) 632-7329/7241.

Conferences and Special Events

The Office of Conferences and Special Events organizes and sponsors a number of programs during the summer that involve 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.

For further information call (516) 632-6320.

Fine Arts Center Gallery

Admission is free to the gallery that adjoins the Fine Arts Center theatres and concert halls. The gallery is usually open on weekday afternoons and in the evenings before some main stage performances. The gallery may also be open for limited hours on Saturday. The gallery will be closed during the month of August.

For definite summer hours and more information about the summer exhibition call Rhonda Cooper at (516) 632-7240. The gallery will be closed during the month of August.

Museum of Long Island Natural Sciences

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.

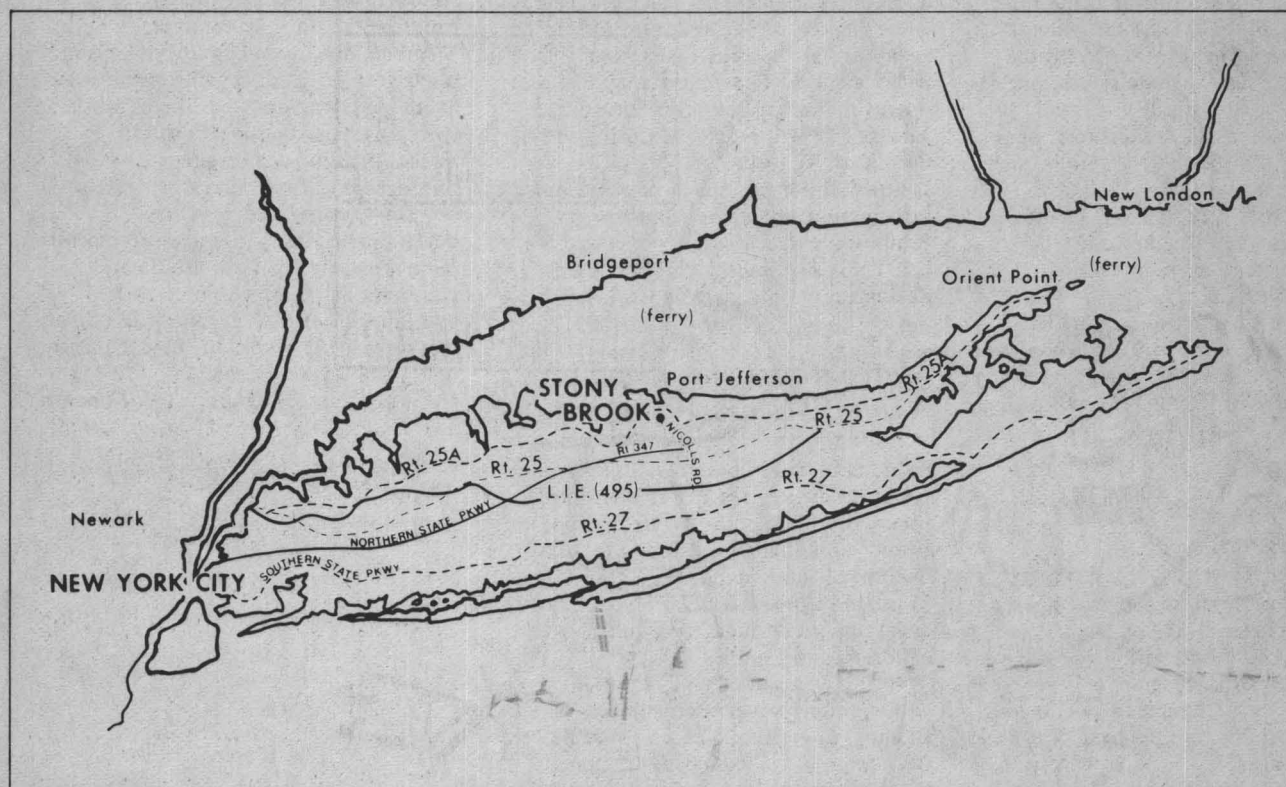
Spring and summer programs for young people cover such subjects as Indians, dinosaurs, weather, marine sciences, and rocks and minerals. Weekend walks and evening programs include tours of the east end of Long Island, wildflower and beach walks, and birdwatching. In addition, teacher workshops are usually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

The Museum is located in the Earth and Space Sciences Building and is open from noon to 5 p.m. on weekdays and for special programs. Call (516)632-8230 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, photographic, and weaving studios are available to people who like to work on their own. Inexpensive, four- to six-week workshops in ceramics, photography, fiber, and a variety of other art, craft, and personal development disciplines are offered in June and July for both adults and children. The Crafts Center also continues its Friday evening life drawing working, at \$3 a session, payable at the door. Call (516) 632-6822 or 632-6828 for a program brochure or pick one up at the Crafts Center, 052 Stony Brook Union.

How to Get Here and Where to Park



By Car

Take the Long Island Expressway (Route 495) east from the Queens-Midtown Tunnel (Manhattan) or from the Throgs Neck or Whitestone Bridges (Bronx). Turn off at Exit 62 north and follow Nicolls Road (Route 97) north for nine miles.

By Bus

Use the Coram Bus Service which provides routes from Coram, Port Jefferson, Lake Grove, Smithaven Mall, St. James, and East Setauket to about 10 stops on campus. For schedules, rates, and routes call (516) 732-5518.

By Train

Take the Long Island Rail Road's Port Jefferson line from Penn Station (Manhattan) or Flatbush Avenue Station (Brooklyn), Change trains at Jamaica or Huntington, per timetable, for Stony Brook. Cross the tracks for free campus bus.

Parking

During the Day

There are two parking garages on campus. One is located next to the Administration Building; the other is located at the north end of the Health Sciences Center (east campus). In addition, a parking lot is located near the University Hospital. The fee for parking in the garages and that lot is 50 cents an hour or fraction thereof, with a maximum charge of \$3.00 per day.

Free parking is available during the day in the North and South "P" lots, with bus service (see below) from there to various areas of the main campus and Health Sciences Center.

The South "P" lot is located at the south entrance of the campus, on the corner of Stony Brook Road. The North "P" lot is located near the north entrance of the campus, across from the LIRR station.

During the Evening

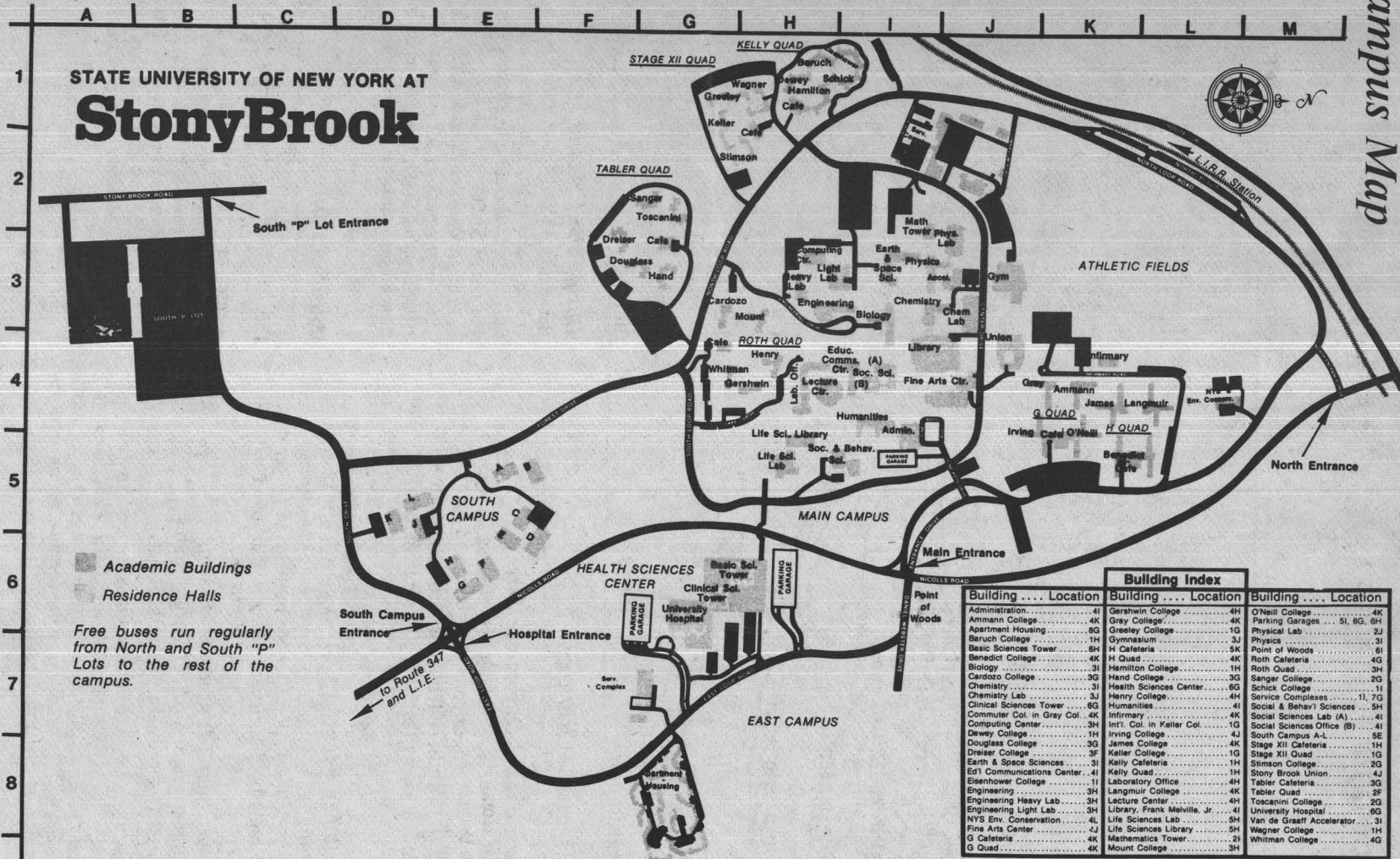
Between 5:30 and 11:00 p.m. evening students and visitors to special events may park in the campus garages for a flat fee of \$1.00.

Free parking is available after 4:00 p.m. in any parking lot reserved for "Faculty and Staff," as well as in the North and South "P" lots.

Bus Schedule

Bus service is available to all points on campus, including the Health Sciences Center and University Hospital. Commuter buses leave the South "P" lot (for commuter and visitor parking) every five minutes between 7:30 a.m. and 6:30 p.m. and every half-hour until 11:00 p.m., Monday through Friday.

STATE UNIVERSITY OF NEW YORK AT
Stony Brook



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G Quad 4K	Mount College 3H	

SUMMER SESSION ACADEMIC CALENDAR

	<i>Term I</i>	<i>Term II</i>
First day to apply for housing	April 27	April 27
Registration begins (Monday through Friday, 10 a.m.- 4 p.m.)	May 4	May 4
Evening registration (hours extended to 7 p.m.)	May 5	May 5
Last day to apply for housing	May 8	May 8
Evening registration (hours extended to 7 p.m.)	May 12	May 12
Last day to register by mail for both terms (Visiting undergraduates only)	May 13	May 13
Evening registration (hours extended to 7 p.m.)	May 19	May 19
Evening registration (hours extended to 7 p.m.)	May 26	May 26
Last day to register without paying late fee	May 29	July 10
Residence Halls Open	May 31	July 12
Classes begin. Late Registration begins (\$20 late fee)	June 1	July 13
Senior Citizen Auditor Registration	June 3	July 15
Evening registration (hours extended to 7 p.m.)	June 4	July 15
Late Registration ends. Last day to add a course. Last day to drop a course without a W being recorded.	June 5	July 17
Last day to drop a course or withdraw from the summer session. Last day for undergraduate students to change courses to or from Pass/No Credit	June 26	August 7
Term ends—Final grades due in Registrar's Office 72 weekday hours after last class meeting	July 10	August 21
Students vacate residence halls by 5 p.m.	July 10	August 21
Deadline for undergraduates and CED graduate students to file applications for August graduation. Undergraduates file at Office of Records, CED Graduate students file at CED Office.	July 17	July 17

1987 MAIL APPLICATION FOR SUMMER HOUSING

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 27 and May 8. Housing cannot be guaranteed and is available on a first-come, first-served basis.

MAY 8, 1987

Deadline for receipt of housing application.

Name _____ College _____ Date _____
Last First ID No.: Social Security Number - optional Birth: Month Day Year

Permanent Home Address: _____ Sex: Female Male
Number & Street Apt. No.

_____ Home Tel. No.: () _____
City/Town/Village State Zip Code

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	June 1 - July 10	\$450.00 (housing only)*
<input type="checkbox"/> Term II	July 13 - August 21	\$450.00 (housing only)*

*The meal plan fee of \$295 per term for those students living in the meal plan dorm is payable in person at the Bursar on the first day of class. Students **not** living in the meal plan dorm may purchase an optional meal plan at \$75 per term.

Building Preference: (Please rank your choices in order as 1, 2, or 3)

_____ Keller (Stage XII) _____ Greeley (Stage XII)* _____ Whitman (Roth Quad)

*Note: Residents of Greeley College must enroll in a mandatory meal plan at a cost of \$295 per term.

I would consider living in the mandatory meal plan building this summer. (Students who do not accept assignment into this building, and for whom no space is available in a cooking residence hall, cannot be assigned summer housing.)

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)

Applications are processed on a first-come, first-served basis. No application will be processed unless appropriate payment accompanies this form and it has a written signature. Please complete the Fee Computation Worksheet on the previous page to assure correct payment.

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: _____

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 or employment. Also, the State of New York prohibits discrimination on the basis of sexual orientation.

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

CED

CENTER FOR CONTINUING EDUCATION

Office of the Summer Session
Center for Continuing Education
State University of New York at Stony Brook
Stony Brook, New York 11794-4310

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