



For Reference

Not to be taken from this room

The University at Stony Brook

Undergraduate Bulletin Supplement

Fall Semester, 1992

Compiled in March 1992

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A Word about the Supplement

The *Undergraduate Bulletin Supplement*, a cumulative update of the current *UNDERGRADUATE BULLETIN*, is published in November and April at Prime Time to provide students with information that will help them to plan their programs and to advance register for the following semester. It contains new courses and minors, revised major and minor requirements, and changes in academic regulations and procedures approved since the 1991-93 *BULLETIN* went to press (January 1991). Not every course listed in this issue of the *Supplement* will be offered in Fall 1992, however; those actually being offered appear in the Class Schedule. Special topics being offered in Fall 1992 are listed in the *Supplement*. Most departments also announce their Prime Time programs.

Courses that do not appear in the *BULLETIN* at all are designated "NEW" in the *Supplement*. Courses designated "REVISED" may have had only one element changed—the title, the description, the prerequisites, the credits, or the number. In

many cases several of these elements are different. Descriptions and prerequisites are listed only if they have been revised. (If no prerequisite appears, it means that the prerequisite remains the same as in the *BULLETIN*, not that the course no longer has a prerequisite.) Expected semester of offering and course credits are shown for new courses but not for revised courses.

Further information about the courses and programs mentioned in the *Supplement* may be obtained from the departments or instructors offering them.

Prime Time Is Your Time April 8-16

Prime Time is a period of departmental activities and advising offered every semester before and during advance registration. It is the time for focusing students' attention on their academic plans for the next semester and beyond. To plan well, students need to consult faculty members. During Prime Time academic departments and programs schedule events and additional advising hours to give students more opportunities to meet with the faculty. Students can talk with professors about their choice of major and courses, whether a minor is right for them, the possibility of going to graduate school, and any other questions relating to their academic interests and program. Students who have already chosen a major should seek faculty advice concerning the completion of that major and university graduation requirements. Students can use Prime Time to explore research opportunities, intern-

ships, study abroad, and honors programs.

Announcements of department-sponsored activities appear in department sections throughout the *Supplement*. Students are encouraged to attend as many programs as may be helpful or interesting. Prime Time is an opportunity to enjoy camaraderie with faculty, staff, and other students.

The Stony Brook Foundation deserves special thanks for providing funds for Prime Time open houses and events.

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



General Academic Information

Celebrating Diversity

To heighten everyone's awareness of the rich diversity among the members of the campus community, in each month during the 1992-93 academic year the campus will celebrate a different aspect of this diversity. The themes that will permeate planning and scheduling of campus events for the academic year are:

- October: Hispanic Heritage Month
- November: Diversity of Lifestyles and Relationships
- December: Diversity of Religions
- February: Black History Month
- March: International Women's Month
- April: Diversity of Cultures: Focus on the Middle East

New Notation in Class Schedule

A letter-A through K—appears to the right of the course number, under a column headed "DEC," in the listing for some courses in the Undergraduate Class Schedule. This indicates the Diversified Education Curriculum (D.E.C.) category, if any, to which the course belongs. Students who matriculated as freshmen in 1991-92 and all new students—freshmen and transfers—who matriculate in Fall 1992 and later follow the D.E.C. Students who matriculated in either capacity before the dates noted are under the Core Curriculum and should disregard the D.E.C. category letters.

Mutually Exclusive Courses

Some courses cannot be taken for credit by students with credit for certain other courses. These "mutually exclusive" courses are always listed in the *BULLETIN* description. When mutually exclusive courses are in more than one department, they are also shown in the "remark" part of

each course's Class Schedule listing. Mutually exclusive courses within the same department, however, are not indicated in the Class Schedule.

Academic Standing

The university has revised academic standards as shown in the chart below. (The rest of the terms governing academic standing are described in the *BULLETIN*, p. 45.) For students in the College of Arts and Sciences, the new standards are in force only for new freshmen entering Stony Brook from high school in Fall 1991 and later, and they will be in force in the future for transfer students matriculating in Fall 1992 and later. For the College of Engineering and Applied Sciences, however, the new standards are in force for all new freshmen and transfer students matriculating in Fall 1991 and later.

Quantity Standard

<i>Class Standing (determined by credit accumulated prior to beginning of semester)</i>	<i>Minimum credits in any one semester*</i>
Freshmen (0-23 credits)	
—accepted into CEAS programs	12
Freshmen (0-23 credits)—all others	9
Sophomores (24-56 credits)	12
Juniors (57-84 credits)	12
Seniors (85 or more credits)	12

** Credits shown are for full-time students. Part-time matriculated students must complete two-thirds of the total number of credits attempted in any one semester and at the same quality standards as full-time students*

Quality Standard

	<i>Minimum cumulative G.P.A. at end of semester*</i>
Freshmen—accepted into CEAS programs	2.00
Freshmen—all others	1.75
Sophomores	2.00
Juniors	2.00
Seniors	2.00

** Credits shown are for full-time students. Part-time matriculated students must complete two-thirds of the total number of credits attempted in any one semester and at the same quality standards as full-time students*

Freshmen who are dismissed from the College of Engineering and Applied Sciences but who meet the standard for all other freshmen have the right to transfer from that college to the College of Arts and Sciences as general students if they choose to do so. The procedure for changing to Arts and Sciences will be outlined in the dismissal letter.

Current students continuing from the 1990-91 academic year remain subject to the standards printed in the 1991-92 *BULLETIN* unless a break in enrollment gives them a new matriculation date that places them under the new standards.

New Transfer Credit Evaluations Available

In addition to courses from Suffolk Community College, Nassau Community College, and the College of Technology at Farmingdale, courses from Kingsborough, Queensborough, Rockland, and Westchester Community Colleges have now been evaluated for their applicability to Core and major requirements. All lower-division courses and many upper-division courses from Queens College, College of Staten Island, and Fashion Institute of Technology have also been evaluated.

If a course has already been evaluated, students who took it should not complete a Transfer Credit Equivalency form for it.

Information about the new transfer course evaluations is available in the Center for Academic Advising, the Office of Undergraduate Admissions, and through major departments.

Upper-Division Elective Courses

Students are expected to fulfill their upper-division credit requirement with a combination of electives, Core or D.E.C., and major courses. All the Fall 1992 courses listed below make good upper-division electives for students majoring outside the department offering the course. These courses either have no specific prerequisites or call for one or two 100-level courses as prerequisites or (in a few cases) a popular 200-level course as a prerequisite. The last group lists courses having prerequisites that are not easily classified in a general way but that are likely to have been met by many students.

No specific course as prerequisite:

AFS 325
HIS 311, 313, 316, 318, 325, 375, 377
SOC 305
WNS 316

One specific course as prerequisite:

AFH 339
ANT 359
ARH 328, 329
ECO 317

EST 360
GEO 308
HIS 309, 317, 326, 328, 343, 352, 369, 382, 385
JDS 390
MAR 340
MUS 306, 313, 315
POL 320, 324, 327, 330, 343, 346, 361, 382
SSI 320, 339

Two specific courses as prerequisites:

AFH 329
AFS 335
ANT 310, 354, 356, 358, 361
ARH 351
CLT 334
EGL 361, 362, 365, 366, 371, 372, 373
EST 320
GEO 304
HIS 367
PHI 308, 312, 344, 353, 363, 366, 375, 384
POL 305, 313, 329, 333, 334, 335, 347, 364, 366, 367, 369
PSY 312, 313, 318
RLS 310
WNS 347

Other prerequisites:

ARH 300, 303, 315, 318, 337, 342
ECO 325, 339, 345
EST 310
PHI 368
PSY 330, 352
SOC 303, 304, 307, 310, 320, 323, 335, 336, 337, 338, 339, 364, 370, 372, 380, 381, 382, 387, 390, 392
SSI 311
WNS 304, 391

Advance Registration for Summer Classes

Students currently enrolled at Stony Brook may advance register for the 1992 summer session for one week beginning Monday, April 27, using the fall semester permit to register. Open registration for all prospective summer students begins Monday, May 4, and continues on a first-come, first-served basis until the Friday before the start of each term. Term I runs

from June 1 through July 10; Term II runs from July 13 through August 21.

Complete information about summer classes appears in the Summer Session bulletin, which is available in the following offices: Center for Academic Advising, Office of Records/Registrar, New Student Programs, and Summer Session.

Academic Advising, Summer 1992

The Center for Academic Advising urges continuing students to seek academic advice for fall at Prime Time or surely before the spring semester is over. Those who wait for the summer may have trouble finding an advisor to talk to in their major department. The Center for Academic Advising is open throughout Summer Session from 11 to 3, Monday through Friday.

All new students (freshmen and transfer students) are required to attend one of the orientation programs during the summer. Non-matriculated students planning to matriculate at Stony Brook in the fall must apply through the Office of Undergraduate Admissions and attend an orientation. At orientation incoming students are given academic advice and evaluation of transfer credit where applicable; once their planned schedule is approved, they are allowed to register for fall classes.

Students who register during late registration (i.e., once classes have begun) must have faculty approval for each course. Choice of courses for freshmen may depend on the results of English and Mathematics Placement Examinations, which will be given in the first week of classes. (The placement examinations are part of every freshman orientation program; however, only mathematics is given at transfer orientation programs.) Students who fail to complete an orientation session will be unable to register for courses until the first week of classes. They also must attend an abbreviated orientation workshop prior to submitting their registration forms and will have to pay a late registration fee.

University Studies

Core Curriculum

Core Distribution Requirements

Additions to Core Course List

Natural Sciences Category A-2: AST 100
Natural Sciences Category B: BIO 385,
PHI 230, SOC 315

Core Courses Being Offered in Fall 1992

Humanities and Fine Arts

Category A:

ARH 101, 102; EGL 205, 206; HUM 122,
123; KRH 240; MUS 101;
PHI 100, 104, 105, 111, 200, 206; RLS
103, 240, 280; RUS 141

Humanities and Fine Arts

Category B:

ARS 395; CLT 301; EGL 191, 192, 193;
HUM 201; MUS 222, 315;
PHI 108, 363; RLS 301; THR 101, 104,
223, 256

Humanities and Fine Arts

Category C:

ARH 300, 303, 342; EGL 274; FRN 299;
PHI 247, 300, 306, 308, 375, 384; RLS
260; RUS 291

Natural Sciences and Mathematics

Category A-1:

ANP 120; BIO 101, 115, 151

Natural Sciences and Mathematics

Category A-2:

AST 100, 105; CHE 111, 131, 132, 141;
GEO 102, 107, 109;
MAR 101, 104; PHY 100, 101, 102, 103,
105, 111, 117

Natural Sciences and Mathematics

Category B:

AST 248; BIO 204, 347, 385; EST 291,
320, 360; GEO 304, 308; HIS 237; MAR
340; PHI 230, 368; POL 361

Social and Behavioral Sciences

Category A

Group 2: AFS 325; ECO 317; HIS 316,
317, 325, 375, 382; POL 382; PSY 209,
211; SOC 247, 380, SSI 102; WNS 102

Group 3: AFS 101; ANT 102; ECO 101;
HIS 100; POL 101, 103; PSY 103, 104;
SOC 305

Group 4: AFS 225, 239, 335; ANT 201,
240, 310; ECO 335, 339; HIS 209, 213,
216, 219, 225, 343; JDS 225; POL 216,
SOC 264

Social and Behavioral Sciences

Category B:

ANT 104; ECO 303, 305; LIN 101, 201;
POL 201; PSY 300; SOC 105, 106

*COR 101, 102 Literature and Philosophy
in Historical Perspective* is not going to be
offered in 1992-93 (and it is likely to be
deleted from the curriculum). Students
who have taken only COR 101 will be
allowed to choose whether to count it
toward the Humanities and Fine Arts Cat-
egory A or the Social and Behavioral
Sciences Category A distribution require-
ment.

Study of Another Culture

Additions to SOAC List

AFH 358, ANT 362, CLT 220, LIN 345,
355, MUS 312, POL 333, RLS 341, SOC
364

**Courses satisfying this requirement being
offered in Fall 1992** AFH 329; AFS 225,
239, 335; ANT 201, 240; ARH 318, 328;
CLT 220; ECO 339; HIS 213, 216, 219,
225, 343, 382; JDS 225; KRH 240; PHI
344; POL 216, 333, 335, 382; RLS 240,
260, 280; SOC 264, 364; SPN 396

Core Skills Requirements

Lower-Division Writing Requirement

The English Placement Examination,
which takes about two hours, will be
given on Tuesday, April 7, at 7 p.m. Con-
sult the Writing Programs Office (632-
7390) for the place. The examination will
be given during Freshman Orientation on
June 10, 30, July 7, 12, 21, and 26 at 1 p.m.
in the Ward Melville Social and Behav-
ioral Sciences Building. At the beginning
of the fall semester it will be given on
Tuesday and Wednesday, September 8
and 9, at 7 p.m. Consult the Writing
Programs Office for the place.

Note: EGL 202 is now the only designated
writing-intensive course for students who
score "Strong" on this examination.

Quantitative Literacy

Entry-Level Mathematics Proficiency

The Mathematics Placement Examination
will be given in the Mathematics Learning
Center, Mathematics S-235, on April 6 at
7:30 p.m. and on April 28 at 3 p.m. The
examination will be given during Fresh-
man Orientation on June 10, 30, July 7,
12, 21, and 26 at 10:30 a.m. in the Javits
Lecture Center, and during Transfer Ori-
entation on June 16, July 16, and 30 at 11
a.m., also in Javits. At the beginning of
the fall semester it will be given on September
3 at 10 a.m., on September 8 at 7:30 p.m.,
and on September 11 at 1 p.m. in Math-
ematics S-235.

The first part of the examination is the test for entry-level mathematics proficiency (also called "basic mathematics competence") for students who did not satisfy this requirement before enrolling at Stony Brook. A score of level 3 or higher meets the proficiency requirement.

Graduation Requirement

The new courses, PSY 202 and 203 and the renumbered course (POL 201 (formerly POL 106)), satisfy this requirement.

Diversified Education Curriculum

Freshmen matriculating in Fall 1991 and later and transfer students matriculating in Fall 1992 and later follow the Diversified Education Curriculum (D.E.C.) instead of the Core Curriculum, which applies to all other students. (See "New Notation in Class Schedule," p. 2.)

Revisions in Application of Transfer Credits to the D.E.C.

1. Six credits of college-level study abroad (with no more than three of these credits at the elementary level of the appropriate foreign language) in an appropriate geographic area may be used to satisfy Category I or J.
2. In the matrix for transfer credits under the D.E.C., which appears on p. 10 of the 1991-93 *Diversified Education Curriculum Bulletin*, the description of suitable courses for Category B has been changed to: "A second-semester freshman composition course or a course that provides instruction in the comprehension and analysis of literary or philosophical texts."

Additions to D.E.C. Categories

Several lists of D.E.C. courses have been published by various offices. The true, official list is the one printed in the slim blue 1991-93 *Diversified Education Curriculum Bulletin*, augmented by the additions listed below. The D.E.C. notations in the Undergraduate Class Schedule come from the official list. Courses in Categories E, F, and G are noted only in the Class Schedule. They are not listed individually in the *D.E.C. Bulletin*, because there are so many courses in these categories.

Category B

MVL 141 The Legend of King Arthur

Category C

CSE/ISE 112 The Fundamentals of Computer Information Systems
 POL 201 Introduction to Statistical Methods in Political Science
 PSY 202 Statistical Methods in Psychology: Honors
 PSY 203 Statistical Methods with Computer Laboratory

Category D

ARS 264 Ceramics
 GER 281 German Cinema Since 1945 (in English)
 MUS 102 Introduction to Music in Performance
 RUS 295 Russian Film and History (in English)

Category H

AST 248 The Search for Life in the Universe
 BIO 208 Cell, Brain, Mind
 BIO 385 Plant Ecology
 EST 320 Communication Technology Systems
 GEO 300 A History of Geology
 MAT 301 Mathematical Thinking and Society

Category I

MUS 301 Music of the Baroque
 POL 309 Politics in France and Italy
 POL 350 European Contemporary Political Theory
 POL 355 Ancient and Medieval European Political Philosophy
 POL 356 Modern European Political Philosophy

Category J

AFS 358 Brazilians of Color
 ANT 362 Long Island Archaeology
 HIS/POL 216 U.S.-Latin American Relations
 HIS 385 The History of Aztec and Inca Societies
 HIS 219 Introduction to Chinese History and Civilization
 MUS 312 Music in the Middle East

Category K

AFS 300 Blacks in the City
 ANT 392 Topics in American Cultural Alternatives
 POL 327 Urban Politics
 POL 330 Women and the Law
 SPN 393 Hispanic Language and Culture in the United States

Honors College

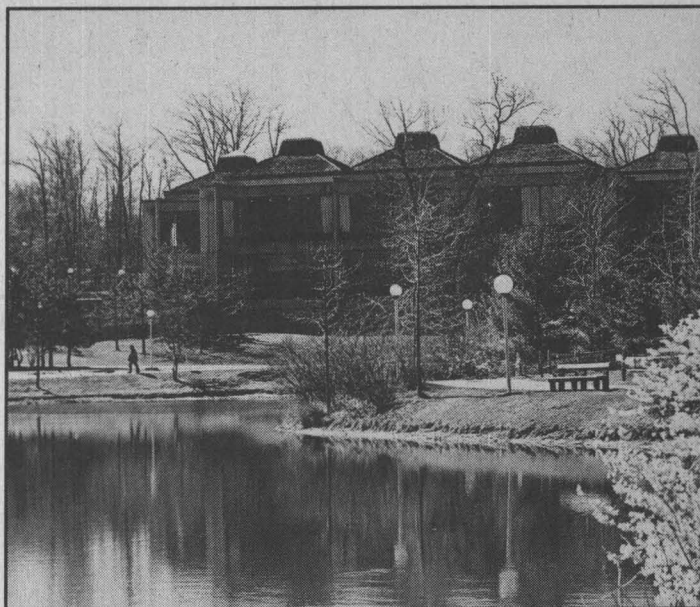
HON 301 Science, Values, and Society (NEW)

An examination of science and technology through social, political, historical, and philosophical perspectives.

Prerequisites: Acceptance into the Honors College; junior standing
Fall or spring, 3 credits

HON 495-496 Honors College Senior Project (NEW)

A two-semester sequence for senior members of the Honors College. Arranged in consultation with the master and director,



the project involves independent study and writing a paper or presenting a project on a topic selected by the student under the supervision of a faculty sponsor. Students enrolled in HON 495 are obliged to complete HON 496.

Prerequisites: Acceptance into the Honors College; senior standing
Fall (495) and spring (496), 3 credits each semester

Federated Learning Communities (FLC)

Flyers describing the current FLC program in detail are available in the program office, Old Chemistry 214.

American Pluralism:

What the Melting Pot Didn't Melt

The 1992-93 FLC program provides students with the opportunity for an in-depth exploration of the contrasting conceptions of the United States as a multicultural, pluralistic, or homogeneous society. The promise of "liberty and justice for all" will be juxtaposed with the realities experienced by the subgroups within this nation's population. The program will explore such issues as whether Paul Simon is guilty of "cultural imperialism," the controversies concerning Spike Lee's films, media stereotyping, and immigration policies. Students who complete the program will earn the FLC minor in American Pluralism (APL).

Requirements for the Minor

Fall

AFS/HIS 325 The Civil Rights Movement
 MUS 313 Cross-Cultural Music from Stravinsky to World Beat

FLC 301 Program Seminar

One of the following courses that relate to the concepts of cultural identity and pluralism: CLT 320 Multicultural Experience in American Literature; SOC/WNS 247

Sociology of Gender; WNS/HIS 333 Women in U.S. History; HWC 361 Implications of Racism on Social Welfare; EGL 365 Contemporary Native American Fiction; EGL 274 Black American Literature

Spring

CLT 235 American Pluralism in Film and Literature

HIS 370 U.S. Social History, 1860-1929

FLC 302 Program Seminar II

One of the following courses that relate to the concepts of cultural identity and pluralism: ITL 383 The Italian-American Experience in Literature; JDS/HIS 226 The Shaping of Modern Judaism; WNS/POL 347 Women and Politics; SOC/WNS 247 Sociology of Gender; SOC 302 American Society

FLC 301 Program Seminar I (REVISED)

Corequisites: AFS 325; MUS 313; one course chosen from CLT 320, EGL 274, 365, HWC 361, SOC/WNS 247
 3 credits

FLC 302 Program Seminar II (REVISED)

Corequisites: CLT 235; HIS 370; one course chosen from ITL 383, JDS/HIS 226, POL/WNS 347, SOC/WNS 247, SOC 302
 3 credits

Study Abroad

Prime Time Event

"Study Abroad Opportunities"

Wednesday, April 8

1 p.m.

Central Hall 101

A brochure with information about Study Abroad programs is available in Central Hall 101.

URECA and Internship Programs

A brochure describing opportunities for research and creative activities is available in the Office of Undergraduate Studies.

EXT 489 Washington Internship

(CORRECTION)

This is a 12-credit course.

Enrichment Courses

ISN 124 Particle Accelerators (NEW)

The seminar will discuss different methods of accelerating particles, but more general questions of why do scientists want to accelerate particles, and what can be learned from different types of accelerators will be discussed. Applications of accelerators to different fields of science will be introduced, and tours of the Stony Brook Superconducting LINAC and other nearby accelerators will be arranged.
Spring, 1 credit

USB 101 Stony Brook 101 (REVISED)

Formerly SBU 101)

Only the designator has been changed.

College of Arts and Sciences

College Skills Requirements

Foreign Language Proficiency Requirement

A third-year high school foreign language course passed with a grade of 85 or higher fulfills the Stony Brook proficiency requirement for those students whose high school does not offer the New York State Regents' examination or its New York City equivalent.

Foreign language proficiency examinations are usually offered by the language departments early in the fall and spring semesters. Students planning to satisfy their language proficiency requirement by examination should make arrangements with the appropriate department no later than the first day of classes for the semester.

Africana Studies

Prime Time Open House: "Reclaiming the Past from Its Roots"

Tuesday, April 14

Noon - 3 p.m.

Ward Melville Social and Behavioral Sciences S-224

Revised Major Requirement

Courses that are crosslisted with an AFH or AFS course do not satisfy requirement 7, "Nine credits in a related discipline."

AFS 275 Black Women and Social Change: A Cross-Cultural Perspective (REVISED)

Crosslisted with WNS 275.

AFS 300 Blacks in the City (REVISED)

The urban experiences of blacks as a force in determining the character, culture, and social climate of the American city. A central theme is that blacks have greatly impacted on U.S. urban life and made

important contributions to its sense of vitality and cultural diversity.

AFH 339 Arts of the African Diaspora (NEW)

A study of the arts of the African Diaspora from the African continent to Brazil, Surinam, the Caribbean, and the United States. Emphasis will be on the full range of art forms, including not only sculptural and performance traditions but also textiles, basketry, and other craft traditions. Cultural continuities, spiritual belief, and significant changes in context, meaning, style, and technology will be examined. Crosslisted with ARH 329.

Prerequisite: ARH 201

Fall or spring, 3 credits

AFH 358 Brazilians of Color (NEW)

A seminar exploring Brazilian literature and culture with an emphasis on essays about Brazilians of color and their creative literary works. Topics include Brazilian race relations, origins of Brazilian society, and the creativity of such Brazilians of color as Machado de Assis, Lima Barreto, and Mario Andrade. Satisfies Study of Another Culture requirement.

Prerequisite: A 200-level literature course or any course on Latin America
Spring, alternate years, 3 credits (not offered in 1992-93)

Special Topics for Fall 1992

AFS 421 Topics in Africana Studies: Computers in the Third World

A consideration of significant Third World issues using basic computing skills in a DOS environment. The use of computer concepts and word processing skills to evaluate current social issues and their impact.

(W. McAdoo)

Anthropology

Prime Time Main Event: "Anthropology Focus: Primate Studies, Ecology, and Conservation"

Preview of a PBS video, introduction by Professor Patricia Wright

Wednesday, April 15

1 - 3 p.m.

Ward Melville Social and Behavioral Sciences 5th Floor Lobby

Refreshments will be served

Written information pertaining to anthropology courses for Fall 1992 will be available in Ward Melville Social and Behavioral Sciences S-501, starting April 8.

ANT 110, 300, and 363 have been deleted from the curriculum.

Revised Major Requirements

Completion of the major requirements entails at least 36-37 credits.

A. Study within the Area of the Major

1. Three introductory courses: ANT 102 or 103, 104, and ANP 120
2. One course in social and cultural anthropology at 200 level or higher
3. One course in archaeology at 200 level or higher
4. One course in physical anthropology at 200 level or higher
5. Five additional anthropology courses (one course from another department may be substituted with the approval of the student's faculty advisor)
6. One 400-level seminar chosen from ANT 401, 402, 411, ANP 403, 404 (Note: ANT 447, 487, 488, 495, 496, and ANP 447, 487, 495, 496 may not be used to satisfy this requirement.)

B. Upper-Division Writing Requirement
See 1991-93 BULLETIN, p. 70.

Subfields of Study

Social and Cultural Anthropology
ANT 102, 103, 160, 215, 219, 230, 240, 250, 255, 310, 333, 351, 352, 354, 356, 361, 367, 391, 392, 401, 411

Archaeology

ANT 104, 241, 270, 290, 321, 357, 358, 359, 362, 393, 394, 402

Physical Anthropology

ANP 120, 210, 321, 330, 340, 350, 403, 404

Revised Minor Requirements

General Anthropology

1. Two introductory courses chosen from ANT 102 or 103, 104, ANP 120
2. Two additional courses chosen from different subfields
3. Three anthropology elective courses

Social and Cultural Anthropology

1. ANT 102 or 103
2. Three courses in social and cultural anthropology chosen from ANT 201, 203, 219, 230, 240, 310
3. One other course in social and cultural anthropology not listed in 1 and 2
4. Two elective courses in social and cultural anthropology

Archaeology and Cultural History

See 1991-93 BULLETIN, p. 71.

Physical Anthropology

1. ANP 120
2. ANP 210 or 330
3. One course chosen from 321, 340, 350
4. Three additional ANP courses (except 475 or 476)
5. One course chosen from BIO 305, 321, 344, 351, 354, 359, 385; GEO 300, 302, 303; AMS 110; HBA 325/ARS 355

ANT 270 Great Archaeological Discoveries (NEW)

A survey of great archaeological discoveries that have contributed to current knowledge of the human past. The discoveries at Olduvai, Jericho, Tutenkhamen's tomb, Xiang, Ebla, Tikal, etc. will be discussed within the context of the ancient cultures that they have illuminated. Recent controversies about the origin of modern humans, "goddess cults," and the rise of ancient civilizations will also be examined.

Prerequisite: One D.E.C. Category F course
Fall, 3 credits

ANT 290 Science and Technology in Ancient Society (REVISED)

Prerequisite: One D.E.C. Category E (or Core Category A Natural Sciences) course

ANT 362 Long Island Archaeology (NEW)
Life on Long Island from its first settlement

by Native Americans 12,000 years ago until the end of the 17th century. Trends and changes in human behavior are studied in the context of environmental and cultural processes affecting all of north-eastern North America. Satisfies Study of Another Culture requirement.

Prerequisite: ANT 104

Spring, 3 credits

ANT 392 Topics in American Cultural Alternatives (NEW)

Aspects of cultures within the United States that differ from the dominant American culture. For example, groups of Native Americans, African Americans, and American Gypsies may be considered. Difficulties arising from culture contact and problems concerning mutual cultural acceptance will be discussed.

Prerequisites: ANT 102 or 103; one other ANT course at the 200-level or higher
Fall or spring, 3 credits

ANT 393, 394 Topics in Archaeology (REVISED)

A second number has been added to allow two topics in archaeology to be taught in some semesters.

ANT 401 Problems in Social and Cultural Anthropology (REVISED)

Prerequisites: ANT 102 or 103; two other ANT courses at the 200 level or higher

ANT 447 Readings in Anthropology (REVISED)

Prerequisites: ANT 102 or 103; two other ANT courses at the 200 level or higher

ANP 210 The Living Primates (REVISED)

Prerequisite: ANP 120 or BIO 151

ANP 321 Primate Evolution (REVISED)

The evolution of the order Primates from its origins to the appearance of the human family. Primate origins; the first primates of modern aspect; origins and adaptive radiations of monkeys; appearance and adaptations of apes and humans. Relevant topics in geology such as geochronology, paleogeography, taphonomy, and paleoecology.

Prerequisite: ANP 210 or a BIO course acceptable to the anthropology department

ANP 330 Human Evolution (REVISED)

Prerequisite: ANP 120 or BIO 151

ANP 340 Field Methods in Physical Anthropology (REVISED)

Methods, problems, and experience in field techniques. The course will focus on field methods such as fossil excavation, reconstruction of skeletal and dental remains, anthropometry, craniometry, and field behavioral ecology of primates.

Prerequisites: ANP 120 or BIO 151; permission of instructor

ANP 350 Primate Behavior and Ecology (NEW)

Introduction to the behavior and ecology of nonhuman primates. Primate communities in Asia, Africa, South America, and Madagascar are compared. Reproductive behavior, communication, behavioral ecology, and conservation of primates are covered.

Prerequisite: ANP 210

Fall or spring, 3 credits

ANP 403 Problems in Physical Anthropology (REVISED)

Prerequisites: ANP 120 or BIO 151; one other ANP course

ANP 404 Human Osteology (REVISED)

Prerequisites: ANP 330; permission of instructor

ANP 476 Advanced Undergraduate Teaching Practicum (CORRECTION)

Prerequisites: ANP 475; permission of instructor

ANP 487 Independent Research in Physical Anthropology (REVISED)

Prerequisites: Two courses chosen from ANP 210, 321, 330, 340, 350; permission of instructor and department

Special Topics for Fall 1992

ANT 240 Immersion in Another Culture: Turkey

Exploration of the history, culture, and social organization of the contemporary Turkish state. Particular attention will be paid to Islam and the Turkish legal system. (J. Starr)

ANT 310 Ethnography: Indonesia

All major regions of Indonesia—the fifth most populous country on earth—will be examined from the points of view afforded by geography, economics, ecology, politics, religion, sociology, art, and language. (D. Hicks)

ANT 392 Topics in American Cultural Alternatives: Native Americans and American Gypsies

An exploration of several Native American groups and American Gypsies as aspects of their culture come into contrast and conflict with dominant American customs and values. Illustrative of issues to be addressed are: differing understandings of race and criteria for ethnic identity, claims to territory on the one hand and to freedom of movement and residence on the other, debates regarding development, religious freedom and the ritual use of peyote, and the notion of intellectual and cultural property.

Prerequisites: ANT 102 or 103; one other ANT course in sociocultural anthropology at the 200 level or above; ANT 203 recommended
(D. Newton)

ANT 393 Topics in Archaeology: Lithic Technology

An introduction to the identification, description, and analysis of stone tools. The course surveys ethnographic, experimental, and archaeological approaches to understanding lithic artifacts. In laboratory sessions, students learn how to make stone tools, how to use them in experiments, and how to use these experiments to better understand the archaeological lithic materials.

Prerequisites: ANT 104; one other ANT course at the 200 level or above (J. Shea)

ANT 401 Problems in Social and Cultural Anthropology: Psychological Anthropology

A study of how anthropologists have employed Freudian and other psychological theories to enrich their study of such topics as: culture and personality, gender relations, religion and myth, ethno-psychiatry, socialization, witchcraft, warfare, and sexuality. Both cross-cultural and in-depth single society approaches will be explored. The course covers both preliterate peoples and modern civilizations.

Prerequisite: ANT 300 or one other 300-level ANT course (D. Gilmore)

ANT 402 Problems in Archaeology: Urban Society in the Ancient Near East

An exploration of the organization of urban society in the ancient Near East in the late third and early second millennia B.C. Following some introductory lectures, students will choose particular cities with good archaeological records and will report to the class on how these data speak to the social, economic, political, and religious organization of their particular city. Comparisons will be drawn between cities in different parts of the Near East and between capitals of larger kingdoms and small city-states.

Prerequisites: ANT 104; two of the following courses: ANT 290, 357, 358, 359, 362, 393, 394 (E. Stone)

Art

Prime Time Events:

"Art: Expressive Variety"

Reception

Tuesday, April 14

Noon - 1:30 p.m.

Art Department

Staller Center for the Arts, 2nd floor

Refreshments will be served

"Museums and Their Audiences"

Discussion with Professor Howardena Pindell

Thursday, April 9

2:15 p.m.

Staller Center Art Gallery

A brochure with extended descriptions of art courses will be available in the Art Department office, Staller Center for the Arts 2226, starting April 6.

In all studio courses there are costs for equipment, materials, and models, though the amount charged varies among courses. A list of charges is available in the department.

ARH 313 Art of the United States (REVISED)

The history of American painting, sculpture, and architecture from its earliest origins to the Great Depression, emphasizing major events and various social, cultural, and ethnic influences.

Prerequisites: ARH 102; two other courses in the humanities

ARH 329 Arts of the African Diaspora (REVISED)

Crosslisted with AFH 339.

Special Topics for Fall 1992

ARH 400 Topics in Art History and Criticism: Postmodern Art and Theory

An examination of the relationship of postmodern to modern practices as they have developed in areas of differing concerns—from group to group and from country to country—in contemporary society. (A. Gibson)

ARH 404 Topics in Film Studies and Criticism: Plays into Films

This multidisciplinary course concentrates on two different genres—written "literary texts" in the form of plays, short stories, and novels and movies, the audiovisual, pop culture adaptations of those texts into feature films. The class will include at least twelve texts (the written forms and the resultant films), including Isherwood's Berlin Stories that became Cabaret, Miller's short story that grew into The Misfits, Shakespeare's Macbeth and Roman Polanski's film version of the same play, and Simon's The Goodbye Girl in both forms. Crosslisted with EGL 373 for Fall 1992 only.

Prerequisites: A literature course at the 200 level or higher; two of the following: ARH 350, 351, CLT 335, HIS 267, HUM 201, 202, THR 117

(M. Edelson, A. Robertson)

ARS 491 Special Topics in Studio/Theory and Practice: Metal Casting

Foundry mold making and casting processes. The students will participate in clay and wax working and mold making, and individual interests as to subject (i.e., art objects, functional objects, replication) will be encouraged. The course will culminate in a group metal pouring.

(T. Buonagurio)

Biological Sciences (Biology and Biochemistry Majors)

Prime Time Advising Fair: For Biology and Biochemistry Majors and Prospective Majors, and for Biology Minors

Friday, April 10

Noon - 3 p.m.

Central Hall, 2nd floor

BIO 113 and 359, normally taught in the fall, will be offered in Spring 1993 instead. BIO 352 will be taught in the fall only. BIO 301, 324, 327, and 368 will not be offered in 1992-93. BIO 342, 448, and 488 have been deleted from the curriculum.

A new list of substitute elective courses for biology majors is available in Central Hall 210.

The former biology readings courses, BIO 447 and 448, and research courses, BIO 487 and 488, have been combined into single courses with the numbers BIO 447 and 487, respectively. See course listings below. A new list of approved faculty sponsors for BIO 447 and 487 is available from the Department of Biochemistry and Cell Biology, Life Sciences 450. Students seeking honors in biochemistry should register for BIO 487.

CHE 346 has been added to the list of "starred" electives for the BCH major.

Students are urged to submit appropriate materials for their upper-division writing requirement in their junior year, or by the end of their next-to-last term, in order to allow for evaluation and possible remedial effort. Later submissions will be considered, but may delay graduation.

BIO 317 Principles of Cellular Signalling (NEW)

Basic principles of cellular signalling and maintenance of cellular and organismic homeostasis through intra- and intercellular signalling mechanisms. Emphasis is on relationships between nuclear events and ongoing processes of the cell. The roles of membrane receptors and second messenger pathways in mediating such diverse events as bacterial chemotaxis, protozoan locomotion, and secretion are discussed. *Prerequisites:* BIO 152; CHE 321 or 331 Fall, 3 credits

BIO 341 Aquatic Organisms (REVISED)

The course will no longer cover plants.

BIO 353 Marine Ecology (REVISED)

Prerequisite: BIO 151 or MAR 104; BIO 343 recommended

BIO 359 Behavioral Ecology (REVISED)

A consideration of the patterns of animal behavior in relation to ecological circumstances and evolutionary history. Vertebrate examples are emphasized. [An Area V course. No longer crosslisted with PSY 343.]

Prerequisites: BIO 151, 152 Spring, 3 credits

BIO 374 Molecular Biology of Learning and Memory (REVISED)

Cellular and molecular processes of nerve excitability, neurotransmission, and higher order functions such as learning and memory. Molecular events underlying those aspects of neural development that contribute to the plasticity of the adult nervous system will be emphasized. Invertebrate and vertebrate model systems will be used to illustrate the relation of cellular processes to behavioral adaptation.

Prerequisite: BIO 310 or 328 or 334 or 361

BIO 380 Entomology (REVISED)

Three hours of lecture and three hours of laboratory per week.
4 credits

BIO 382 Comparative Biology of the Non-Vascular Plants (NEW)

A summary of the biology of the algae, fungi, slime molds, lichens, liverworts, hornworts, and mosses. The course will include considerations of the morphology, physiology, ecology, and biochemistry of these groups. Not for credit after the discontinued BIO 342. [An Area IV course]

Prerequisites: BIO 151, 152; CHE 322 or 332

Spring, 3 credits

BIO 384 Nonvascular Plant Laboratory (NEW)

An experimental laboratory course involving the isolation from nature, culture, and characterization of the major groups of nonvascular plants. One hour of lecture and discussion and three hours of laboratory. Not for credit after the discontinued BIO 342. [An Area IV laboratory]

Pre- or corequisite: BIO 382

Spring, 2 credits

BIO 385 Plant Ecology (REVISED)

Basic ecological principles as applied to the biology of individual plants, plant populations, communities, and ecosystems in relation to their environments. Examples from Long Island pine barrens, tropical rain forests, beaches, deserts, and other plant communities will be studied. Examination of the connections between human societies and plant communities, which are rapidly being altered or destroyed worldwide. A core course satisfying Natural Sciences Category B.

BIO 409 Faculty Research in Biochemistry and Cell Biology (CORRECTION)

Prerequisite: BIO 361

BIO 447 Readings in Molecular, Cellular, and Developmental Biology (REVISED)

Prerequisite: Permission of instructor and Department of Biochemistry and Cell Biology

BIO 487 Research in Molecular, Cellular, and Developmental Biology (REVISED)

Prerequisite: Written permission of instructor and Department of Biochemistry and Cell Biology

Chemistry**Prime Time Reception: "Chemical Attractions"**

Thursday, April 9

11:30 a.m. - 1:30 p.m.

Chemistry Building Lobby

Revised Major Requirements**Chemical Physics Option**

Two courses should be chosen from the following group: CHE 350, 351, 353; PHY 262, 301, 303, 306. This replaces PHY 252 and the single elective on *BULLETIN*, p. 88.

CHE 113 Elementary Chemistry Laboratory (NEW)

A one-semester laboratory course with emphasis on how problems in chemistry are solved. Exercises will cover a broad range of subjects that show the impact of chemistry on daily life. The course is designed for students with weak or no high school chemistry laboratory experience and will be especially helpful to those planning to continue in CHE 131 and 133.

Corequisite: CHE 111

Fall, 1 credit

CHE 357 Inorganic Synthesis, Structure, and Spectroscopy Laboratory (REVISED)

Preparation of inorganic substances. Structural and spectroscopic methods. Modern synthetic techniques; magnetic resonance, vibrational, and optical spectroscopy; X-ray analysis.

Prerequisites: CHE 304 and 333

Corequisite: CHE 375

Comparative Studies

A brochure with information pertaining to Fall 1992 course offerings will be available in the Comparative Studies offices, Old Chemistry 128 and Library E-4309, starting April 6. For information on programs offered by this department, see the listings for Comparative Literature, Humanities, Japanese Studies, Judaic Studies, Korean Studies, and Religious Studies.

Comparative Literature**CLT 220 Non-Western Literature (REVISED—Formerly CLT 120)**

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

CLT 235 American Pluralism in Film and Literature (NEW)

An exploration of the diversity of American culture as expressed in literary and cinematic texts from a variety of traditions within the American fabric. Topics may

include representations of the immigrant experience, fictional accounts of African-American or Latino music, and intensive examination of novels and films from a specific American ethnic tradition.

Fall or spring, 3 credits

CLT 320 Multicultural Experience in American Literature (NEW)

An exploration of the roles of ethnicity and race in American culture through the fiction and poetry of eight ethnic groups: Native American, African American, Italian, Irish, Jewish, Greek, Latino, and Asian.

Prerequisite: One 200-level course in literature

Fall, 3 credits

Special Topics for Fall 1992**CLT 334 Other Literary Genres: The Detective Novel**

A study of the historical development and defining structures of mystery and detective fiction, with attention to the function of the genre as moral philosophy and social criticism, and its regular raising of feminist themes and issues.

(M. Rawlinson)

Earth and Space Sciences

GEO 122 and AST 351 will not be offered in Fall 1992. Students may substitute GEO 102 and 112 for the former. The spring course GEO 302 will be offered in the fall. GEO 301 has been deleted from the curriculum.

Geology Revised Major Requirements

The geology major has two distinct tracks, geology and environmental geoscience. Completion of the major requirements entails approximately 65-67 credits.

A. Required departmental courses:**Geology Track**

GEO 122 Physical Geology or GEO 102 The Earth and GEO 112 Physical Geology Laboratory

GEO 103 The Earth Through Time
GEO 113 Historical Geology Laboratory
GEO 303 Stratigraphy
GEO 305 Field Geology
GEO 306 Mineralogy and Petrology I
GEO 307 Mineralogy and Petrology II
GEO 309 Structural Geology
GEO 310 Introduction to Geophysics

Environmental Geoscience Track

GEO 122 Physical Geology or GEO 102 The Earth and GEO 112 Physical Geology Laboratory
GEO 101 Environmental Geology
GEO 111 Environmental Geology Laboratory
GEO 303 Stratigraphy
GEO 306 Mineralogy and Petrology I
GEO 315 Groundwater Hydrology
GEO 316 Geochemistry of Surficial Processes

Any two of the following: GEO 305, 307, 309, 310, ATM/ESC 397; AMS 210, 226

B. Required courses in the related sciences: MAT 131, 132 (See "Mathematics Requirement," *BULLETIN*, p. 97)
CHE 131, 132 or 141, 142
PHY 101, 102 or 103, 104 or 105, 106

C. Related science electives:

A coherent set of science courses, totaling 12 credits, acceptable to the department

Revised Geology Minor

The minor has been divided into two tracks. Requirements for the geology track are those listed in the *BULLETIN*. For the environmental geoscience track they are:

1. GEO 122 Physical Geology or GEO 102 The Earth and GEO 112 Physical Geology Laboratory
2. GEO 101 Environmental Geology
3. GEO 111 Environmental Geology Laboratory
4. GEO 315 Groundwater Hydrology
5. Nine additional credits chosen from: GEO 303, 304, 306, 307, 308, 309, 310, 316

Astronomy/Planetary Sciences

Revised Major Requirements

Completion of the major entails approximately 57 credits

- B. Required physics courses**
PHY 101, 102 or 105, 106
PHY 251
PHY 306

At least 12 credits from approved PHY courses numbered 300 or higher, except PHY 306 (PHY 301, 302, 303, 308, and 352 recommended)

AST 100 Revolutions in Astronomy (NEW)

A survey of astronomy intended primarily for students majoring in non-science fields. The course traces the development of astronomy from Copernicus to the present and investigates the impact of astronomical discovery on scientific, cultural, political, and social issues. Not for credit in addition to AST 101 or 203. A core course satisfying Natural Sciences Category A-2.
Fall, 3 credits

AST 248 The Search for Life in the Universe (REVISED)

A study of the role of science in modern society through investigation of the question: Does life exist elsewhere in the universe? Topics include a review of the astronomical and biological settings; the origin of life on the Earth and possibly elsewhere; the evolution of life and the development of intelligence and technology. Also discussed are the ramifications of the development of life and intelligence for the atmosphere and the biosphere. A core course satisfying Natural Sciences Category B.

Prerequisite: A D.E.C. Category E (or Core Natural Sciences Category A) course

AST 341 Astrophysics I (REVISED)

Prerequisite: AST 203
Corequisite: PHY 306

GEO 100 History of Life (NEW)

An introductory course in paleontology tracing the sometimes unexpected pathways of evolutionary change over the last 3.5 billion years. Topics include the origin of life, molecular evolution and the fossil record, the evolution of sex, the first land animals; dinosaur paleobiology; the earliest birds, why flowers are beautiful, and the appearance of the genus *Homo*.
Spring, 3 credits

GEO 101 Environmental Geology (NEW)

A survey of humankind's interaction with the natural environment. Fundamental earth science concepts are used to assess the impact of human activities on the land surface and the natural waters, as well as the influence of natural processes on development and land utilization. Topics include water usage and pollution, acid rain, soil erosion, radioactive and solid waste disposal, landslides, stream flooding, coastal erosion, volcanic activity, and earthquakes. Consideration is also given to the environmental consequences of energy and mineral resource utilization.
Spring, 3 credits

GEO 103 The Earth Through Time (NEW)

The history of the earth from its formation 4.5 billion years ago to the present. Major issues to be addressed include formation and early history of the earth and moon; evolution of continents, oceans, and atmosphere within the framework of plate tectonics; origin of life; and evidence of past climates.
Fall, 3 credits

GEO 111 Environmental Geology Laboratory (NEW)

Examination of materials from on and near the earth's surface, including sampling techniques and introductory analysis. Use of maps and field data in study of drainage, contamination, waste disposal, and flow problems.
Pre- or corequisite: GEO 101
Spring, 1 credit

GEO 113 Historical Geology Laboratory (NEW)

An introduction to basic techniques used for interpreting geological history. Topics include interpretation of topographic and geological maps and cross-sections, introduction to fossils, and basic stratigraphic techniques. One three-hour laboratory.
Pre- or corequisite: GEO 103
Fall, 1 credit

GEO 306 Mineralogy and Petrology I (REVISED)

An introduction to mineralogy and petrology. Topics in mineralogy will include basic crystallography, crystal chemistry, and identification of the important rock-forming and ore minerals. Topics in petrology will focus on the processes that govern the formation and distribution of

igneous and metamorphic rocks. Laboratory exercises will include crystallography, mineral and rock identification, and interpretation of igneous and metamorphic histories of selected rock suites. Two hours of lecture and two three-hour laboratories per week.

Prerequisite: GEO 122 or 102/112
Pre- or corequisite: CHE 132 or 142
Spring, 4 credits

GEO 307 Mineralogy and Petrology II (NEW)

Topics in mineralogy will include advanced crystallography, crystal chemistry, optical mineralogy, and x-ray analytical techniques. Topics in petrology will focus on the use of thin sections to interpret evolutionary histories of igneous and metamorphic rocks, integrating petrography, phase equilibria, and the physical properties of magma and rocks. Two hours of lecture and two three-hour laboratories per week.

Prerequisite: GEO 306
Fall, 4 credits (to be offered first in 1993)

GEO 316 Geochemistry of Surficial Processes (NEW)

Chemical principles used in the study of surface and near-surface water, rocks, and soils. Application of equilibrium concepts and reaction rates to reactions involving gases, fluids, and minerals in nature. Consideration of soil properties and processes.

Prerequisites: GEO 122 or 102/112; CHE 132 or 142
Fall, 4 credits

Economics

Prime Time Open House

Wednesday, April 15
2 - 4 p.m.
Ward Melville Social and Behavioral Sciences 6th Floor Lobby

ECO 339 China's Economy Since 1949 (REVISED)

Economic development policies in the People's Republic of China from the revolution in 1949 to the present. Topics include agricultural and industrial organization, population policies, sectoral balances, foreign trade, and attempts to reconcile planning with market forces. A core course satisfying Social and Behavioral Sciences Category A, Group 4, and Study of Another Culture.

ECO 370 Theory of Financial Markets (NEW)

The economics of uncertainty and modern portfolio theory. Topics will include utility theory, measurement of risk, the capital asset pricing model, and efficient markets. Students will maintain a portfolio of common stocks and evaluate its performance.

Prerequisites: ECO 303 and 320
Fall or spring, 3 credits

Engineering Chemistry

Prime Time Reception: "Chemical Attractions"

Thursday, April 9
11:30 a.m. - 1:30 p.m.
Chemistry Building Lobby

Revised Major Requirement

In the Mathematics and Basic Science requirement (A.2) the discontinued AMS 362 has been replaced by AMS 361 *Engineering Mathematics A*.

English

Prime Time: "Teaching in a Private School"

Michael Glennon
Tuesday, April 14
4 p.m.

Poetry Center, Humanities 239

Reading of Poetry by Diane Gallagher and Jim Papa

Wednesday, April 15
Noon

Poetry Center, Humanities 239

A brochure with extended descriptions of Fall 1992 courses offered by the Department of English is available in Humanities 245. Extended descriptions of the various sections of EGL 191, 192, 193, and 202 will also be available in the Writing Programs Office, Humanities 196.

EGL 204 Literary Analysis and Argumentation (REVISED)

Prerequisites: EGC 101 or "Strong" on the English Placement Examination; permission of department

EGL 276 Women and Literature (REVISED)

Crosslisted with WNH 276.

EGL 353, 354 Major Writers of Contemporary British and American Literature (REVISED)

A second number (354) has been added to allow two topics to be taught under this rubric in the same semester.

Special Topics for Fall 1992

EGL 352 Major Writers of Modern British and American Literature: Politics, Gender, and Aesthetic Techniques
(S. Sears)

EGL 350 Major Writers of American Literature: American Poetry from Ann Bradstreet to *Homage to Mistress Bradstreet*
(P. Dolan)

EGL 353 Major Writers of Contemporary British and American Literature: Toni Morrison
(J. Ludwig)

EGL 354 Major Writers of Contemporary British and American Literature: Delillo
(S. Olster)

EGL 361 Poetry in English: Yeats
(T. Flanagan)

EGL 362 Poetry in English: Langston Hughes
(C. Eady)

EGL 365 Fiction in English: Contemporary Native American Fiction
(D. Sheehan)

EGL 366 Fiction in English: Literature of African-American Women
(R. Zimbardo)

EGL 371 Literature in English and Its Relations to Other Literatures: Major European and American Naturalists
(D. Fortuna)

EGL 372 Literature in English and Its Relations to Other Literatures: Male/Female Imagination
(J. Stampfer)

EGL 373 Literature in English and Its Relations to Other Disciplines: Plays into Films
Crosslisted with ARH 404 for Fall 1992 only. See Art section for description.
(A. Robertson, M. Edelson)

French and Italian

Prime Time: Open House
Wednesday, April 8
1 - 3 p.m.
Library N-4065

A brochure with information pertaining to Fall 1992 offerings is available in the department office.

FRN 223 Vocabulary Through Music (NEW)

A course designed to increase the vocabulary and oral comprehension of students of French, and to enrich their understanding of the poetry and culture of France. It will be divided among poetry of recognized poets (Ronsard, Baudelaire, Verlaine, Prevert) put to music, folk songs, and "chansons."
Prerequisite: FRN 221
Spring, 1 credit

ROM 384 The Linguistics of Romance Languages (in English) (NEW)

The linguistic evolution of the Romance languages will be studied, along with their synchronic grammars. The course will be conducted in English.
Prerequisite: FRN 222 or ITL 222 or POR 222 or SPN 222 or LAT 112 or LIN 201 and 211
Fall, alternate years, 3 credits (not offered in 1993-94)

Special Topics for Fall 1992

FRN 351 Studies in 18th-Century Literature: Forms of Betrayal in 18th-Century French Literature

Seduction, libertinage, and adultery in French prose of the 18th century. The course will examine the language and rhetoric of betrayal and the role of the libertine male and female.
(R. Weinrub)

FRN 361 Studies in 19th-Century French Literature: 19th-Century French Novel

A survey of the 19th-century French novel. The course will deal with the development of the novel, particularly in relation to social movements and the history of ideas. Authors read will include Balzac, Flaubert, and Zola.
(F. Brown)

ITL 393 Free Seminar: From Novel to Film

The visual and written narratives of the same story, analyzing the techniques and artistic merits of each medium. "Reading" films as well as literature. The novels of Boito, Levi, and Bassani and the films directed by Visconti, DeSica, Rosi, and others will be examined.
(A. Forti-Lewis)

Germanic and Slavic Languages and Literatures

Prime Time Reception

Wednesday, April 8
1 - 5 p.m.
Library N-3045

GER 141 German Literature in Translation (REVISED)

A representative selection of literary texts from major Germanic authors in translation. Emphasis will be placed on analysis of personal and cultural values encoded in complex literary forms. May not be used to satisfy the foreign language proficiency requirement.

GER 281 German Cinema Since 1945 (in English) (NEW)

The theory and history of German film as art form from filmmakers such as Alexander Kluge, Bernhard Wicki, and the "new filmmakers" Rainer Werner Fassbinder, Volker Schlöndorff, Margarete von Trotta, Werner Herzog, and Wim Wenders. Topics include silent film; New German Cinema 1962-1985; national cinema and national identity; film as literature and from literary models; problems of authors and their audiences; women's film, film in the former German Democratic Republic; and the influence of American filmmakers, subject matter, and settings. May not be used to satisfy the foreign language proficiency requirement.
Fall or spring, 3 credits

GER 299 Germany Today (in English)
(CORRECTION)

A core course satisfying Humanities and Fine Arts Category A. [A typographical error in the *BULLETIN* course description noted the wrong category.]

PSH 447 Directed Readings in Polish
(NEW)

Independently supervised readings in selected topics in Polish language and literature, which may focus on specialized study in language, culture, or area. May be repeated.

Prerequisite: Reading fluency in Polish; permission of department
Fall and spring, 1 to 3 credits

RUS 295 Russian Film and History (in English) (NEW)

Advanced study of Russian films from the 1920s to the present viewed in terms of their interaction with Russian history. May not be used to satisfy the foreign language proficiency requirement.

Fall or spring, 3 credits

RUS 299 The Soviet Union and Beyond (in English) (REVISED)

Only the title has been changed.

Special Topics for Fall 1992

RUS 291 Special Author in Translation: Nabokov

An explanation of major texts including Nabokov's transmutations of Russian themes in novels such as *Lolita* and *Invitation to a Beheading*.

(N. Rzhnevsky)

RUS 392 Special Genre or Period: Russian Novel and the West

Study of Russian novel in its Western context. Literary and cultural movements such as sentimentalism, romanticism, and symbolism will be considered in their influence on the novel's evolution. Particular emphasis will be placed on the works of Gogol, Dostoevsky, Tolstoy, Turgenyev, and Bulgakov.

(N. Rzhnevsky)

Hispanic Languages and Literature

Prime Time: Informal Open House

Wednesday, April 8

Noon - 2 p.m.

Library N-3017

A brochure with information pertaining to Fall 1992 course offerings is available in the department office, Library N-3017.

SPN 190 Intermediate Spanish (Emphasis on Spain) (REVISED)

Not for credit in addition to SPN 191.

SPN 191 Intermediate Spanish (Emphasis on Latin America) (REVISED)

Not for credit in addition to SPN 190.

SPN 393 Hispanic Language and Culture in the United States (REVISED—Formerly SPN 461)

Only the number has been changed.

SPN 411 Topics in Medieval and Renaissance Literature and Culture (NEW)

Readings and discussion of major literary works of the medieval and Renaissance periods and their interrelation with the cultural context. May be repeated as the topic differs.

Prerequisite: SPN 397

Schedule to be announced, 3 credits

Special Topics for Fall 1992

SPN 432 Topics in Spanish-American Literature and Culture from the Colonial Period to 1880: Colonial Literature—Chronicles

Reading and discussion of relevant works in Spanish-American colonial literature from Cristobal Colon to Inca Garcilaso de la Vega. The following authors will also be included in this course: Fray Bartolome de las Casas, Hernan Cortes, Bernal Diaz del Castillo, and Alvar Nunez Cabeza de Vaca. (P. Lastra)

SPN 455 Topics in Literary Genres:

Hispanic Poetry

Study of Hispanic poetic texts. This course will be a quest into the nature of poetic language as well as the nature of the artistic phenomenon.

(E. Monasterios)

History

Prime Time Event: "The History Major in a Rapidly Changing World"

Presented by Professor John Pratt, Director of Undergraduate Studies

Wednesday, April 15

11 a.m. - 2:30 p.m.

Ward Melville Social and Behavioral Sciences N-303

A brochure with extended descriptions of Fall 1992 history courses is available in Ward Melville Social and Behavioral Sciences S-301.

Revised Major Requirement

Courses that are crosslisted with a history course do not satisfy the requirement for courses in a related discipline.

HIS 101 Early Modern European History: From Renaissance to Revolution (NEW)

A study of European ideas and institutions from the Renaissance to the French Revolution, including the heritage of the Middle Ages; Renaissance art, politics, and thought; the Reformation and Counter-Reformation; the rise of the modern state; the new science, the Enlightenment; and the course of the French Revolution to 1815.

Fall, 3 credits

HIS 102 Modern European History from 1789 to 1945 (NEW)

An introduction to the revolutionary events in politics and the economy, principally the industrialization of society, and the national, class, ethnic, and gender conflicts that dominated the period, including their cultural and ideological aspects. The course begins with the French Revolution, characterized by high hopes for the rational mastery of nature and society, and ends with the Second World War, a period of mass destruction and total war.

Fall and spring, 3 credits

HIS 219 Introduction to Chinese History and Civilization (REVISED)

Introductory survey examining key concepts and significant themes in Chinese history. Topics include Confucianism, popular religion, government, foreign policy, the economy, Western influence, Chinese revolution, and modernization.

HIS 246 Europe in the 20th Century (1890-1940) (NEW)

European history from the height of its industrial, technical, and imperialist glory, taken as signs of the triumph of reason and the moral superiority of Western societies, to the militant and violent assault of Nazism, fascism, and communism against these accepted Western notions of reason and morality.

Fall or spring, 3 credits

HIS 262 American Colonial Society (REVISED)

Political, economic, social, and cultural characteristics of the American colonies from their founding until their separation from Great Britain. Particular attention will be devoted to the interaction of cultures and peoples in the making of colonial societies as reflected in the institution of slavery and ethnic, racial, and provincial identities.

HIS 265 Civil War and Reconstruction (REVISED)

An examination of the political and social roots of the conflict between the slave South and free-labor North, which led to the Civil War. Major themes include how two very different societies fought the war, the political battles over the nature of the reunited nation, the Black experience during slavery, wartime, and Reconstruction, and changing white racial attitudes throughout this era.

HIS 267 American History/American Film (REVISED)

A study of classic American films as a reflection on their times and an influence upon style and belief. The course will try to teach students to view film as a product of history and a reflection of the social and ideological tone and culture of America.

HIS 268 Recent U.S. History, 1919 to the Present (REVISED)

No longer closed to students with credit for HIS 267. Both courses may be taken for credit.

HIS 316 The Healer and the Witch in History (REVISED)

Crosslisted with WNS 316.

HIS 360 Women in Premodern Europe (REVISED)

Crosslisted with WNS 360.

HIS 367 Change and Reform in the United States, 1877-1919 (REVISED)

The growth of industrialism, class conflict, and ethnic diversity in America and the rise of social reform movements to address resulting problems. Emphasis on modern liberalism as a response to major changes in American society.

HIS 369 United States Social History to 1860 (REVISED)

The development of American society from the 17th century to the beginning of industrialization, with emphasis on changing concepts of class and community relations, work, and family and gender roles. Special attention to how the diversity of the American people shaped the evolution from a traditional world view to the more modern, competitive society of the 19th century.

HIS 370 United States Social History, 1860-1930 (REVISED)

The evolution of American society from the mid-19th century to the Great Depression. An examination of the impact of the Industrial Revolution, urbanization, and mass immigration on concepts of class, community, family, and gender roles. Special emphasis on how increasing class conflict and changing expectations of family life forced the evolution of new, modern social values and institutions.

HIS 375 History of U.S. Foreign Relations to 1920 (REVISED)

The rise of the United States from first Atlantic settlements to world power status after the First World War. Special emphasis will be placed on the role of domestic politics in foreign policy formulation, from ethnic divisions over mid-19th century expansionism to the role of race in determining U.S. relations with Latin America and Asia. The importance of ideological factors from debates over the significance of the French Revolution to the principles of the Versailles settlement will be considered.

HIS 380 Origins of American Society (REVISED)

An inquiry into the origins of a distinctive American social order. The aspects of economics and class, slavery and race,

and ethnic, provincial, and national identities as they evolved in America between the founding of the American colonies and the era of Jackson and Tocqueville.

HIS 385 The History of Aztec and Inca Societies (NEW)

An inquiry into the history of native peoples of Mexico and Peru before and after the European invasion. The course will consider the nature and dynamics of Aztec and Inca civilizations before Columbus, the significance of Indian-European cultural contact from the perspective of native societies, and the biological and cultural consequences of Spanish colonial rule for native peasantries in Mexico and Peru.

Prerequisite: One course in history, preferably Latin American history
Fall, alternate years, 3 credits (not offered in 1993-94)

HIS 387 Women, Development, and Revolution in Latin America (REVISED)

Crosslisted with WNS 387.

HIS 389 Modern Mexico (CORRECTION)

Prerequisite: One course in Latin American history

Special Topics for Fall 1992

HIS 401 Colloquium in European History: Autobiography in European History (J. Rosenthal)

HIS 411 Colloquium in American History: American Economic History Since 1929 (E. Lampard)

HIS 412 Colloquium in American History: Social History of American Medicine (N. Tomes)

HIS 413 Colloquium in American History: 20th-Century American Political History (To be announced)

HIS 414 Colloquium in American History: American Technology (R. Cowan)

HIS 421 Colloquium in Latin American History: Latin American Revolutions and the United States (P. Gootenberg)

Human Development

Students interested in the Langmuir College living-learning center and the minor program in human development should contact Professor Helen Lemay, Langmuir faculty master and minor coordinator, at 632-7500.

LHD 301 Introductory Seminar in Human Development (REVISED)

Prerequisite: Permission of minor coordinator

LHD 302 Colloquium in Human Development (REVISED)

May be repeated once as the topic differs, with the permission of the minor coordinator.

Prerequisite: Permission of minor coordinator

LHD 401 Advanced Seminar in Human Development (REVISED)

Prerequisite: Permission of minor coordinator

LHD 487 Independent Study in Human Development (REVISED)

Prerequisite: Permission of minor coordinator

Special Topics for Fall 1992

LHD 302 Colloquium in Human Development: Sexual Harassment and Segregation

How are developmental issues related to the phenomenon of sexual harassment? This course will examine sexual segregation in childhood, development of gender roles throughout adolescence and young adulthood, and their relation to sexual harassment issues.
(H. Lemay)

LHD 401 Advanced Seminar in Human Development: The Family in Film

Analysis of specific films from the perspective of what they can teach about familial roles.
(A. Lipton)

Humanities

HUM 121 Death and Afterlife in Literature (REVISED)

Through discussion of representative contemporary and classical texts, this course addresses the topic of how human beings have chosen to live with the one certainty of their existence, its eventual conclusion in death, and how various images of afterlife or denial of its possibility have shaped those choices. A core course satisfying Humanities and Fine Arts Category A.

International Studies

Students interested in the Keller College living-learning center and its associated minor should see Professor Hussein Badr, Keller faculty master and minor coordinator, in his Department of Computer Science office, Computer Science Building 1430; or phone 632-8455 or 8470 to make an appointment.

Special Topics for Fall 1992

KIS302 Colloquium in International Studies: Columbian Heritage—the Euro-American Encounter and Its Meaning Today

The European-American encounter of 1492. The class will examine the contemporary context of the events, the perpetuation of the heroic myth, and its relevance to problems of cultural encounter in the 1990s. Faculty from Africana Studies, Anthropology, Economics, English, History, Keller International Studies, and other fields will participate.

(H. Badr)

KIS 401 Advanced Seminar in International Studies: Survival in a Shrinking World

An overview of basic global issues including, amongst other topics: sustainable development; population pressures; the spread of values in the global "telecommunications village"; the deteriorating environment and habitat. Impacts on, and implications for, an evolving global culture and political economy will be explored.

(H. Badr)

Judaic Studies

Special Topics for Fall 1992

JDS 390 Topics in Judaic Studies: American Judaism

A general survey of the history of the Jews in America, covering the growth of the American Jewish community and its rise to world prominence and also the development of distinctly American varieties of Jewish religious thought.

(S. Schwartz)

Korean Studies

KRH 335 and KRH 246, formerly crosslisted with RLS 246, have been deleted from the curriculum. RLS 246 Korean and Japanese Religions remains.

Revised Minor Requirements

Students who undertake the Korean studies minor (KRH) design an individual program that combines coursework in Korean history, literature, art, religion, and philosophy. The minor coordinator of the Korean Studies Program advises and oversees each student's program. For those considering overseas exchange programs with Korean universities, consultation with the director is encouraged. The minor requires 21 credits (18 for those who fulfill requirement 1 by examination).

1. KOR 191 or higher (or equivalent by examination)
2. One course chosen from among KRH 240, 251, or RLS 246
3. Three courses chosen from among: KRH, KRS 331, 332, 447; KRH 346; KOR 351

4. One course chosen from among the following:
ARH 203, 318; HIS 219, 220, 341, 344; PHI 340, 342, 344;
RLS 240, 260, 270, 341
5. KRH 400

Appropriate special topics from these or other departments may also be offered to fulfill minor requirements with permission of the minor coordinator.

Notes:

1. Students of advanced proficiency in Korean are urged to take courses in an additional Asian language.
2. Only one course counted toward this minor may be taken for Pass/No Credit.

KOR 111, 112 Elementary Korean I, II (REVISED)

An introduction to spoken and written Korean with equal attention to speaking, reading, and writing. Fundamental communication skills are acquired through intensive study of basic grammar and pronunciation.

KOR 191, 192 Intermediate Korean I, II (REVISED)

An intermediate course in Korean language to develop audiolingual skills and reading and writing ability. Through the introduction of complex grammatical structures and idioms, speaking, reading, and writing ability in Korean language will be further developed.

Prerequisite for KOR 191: KOR 112 or placement test

Prerequisite for KOR 192: KOR 191 or placement test

KOR 221 Advanced Korean (REVISED)

Prerequisite: KOR 191 or placement test

KOR 351 Studies in Korean Literature (REVISED)

A detailed study of a particular author, genre; period, or topic in Korean literature, such as Han Yong-un, the *sijo*, the popular literature of the Yi dynasty, or women writers. The readings, class discussions, and students' written assignments are in Korean. Satisfies Study of Another Culture requirement. May be repeated as the subject varies.

KOR 475 Undergraduate Teaching Practicum (REVISED)

A practicum in the techniques of teaching Korean language. Each student will assist a faculty member in a regularly scheduled class. The student may be required to attend all the classes and will meet with the faculty member at regularly scheduled times. Students may also, under faculty supervision, prepare course materials, conduct review sessions and drills, and tutor individual students. Not for Korean studies minor credit. Satisfactory/Unsatisfactory grading only.

Prerequisites: Fluency in Korean upper-division standing; permission of instructor and director

KRH 240 Introduction to Korean Culture (REVISED)

A general survey of Korean culture from the earliest recorded periods to the 20th century, including painting, music, dance, ceramic art, sculpture, architecture, literature, and folklore. These will be discussed in relation to the intellectual, philosophical, and religious movements of their time. A core course satisfying Humanities and Fine Arts Category A and Study of Another Culture.

KRH, KRS 331, 332 Topics in Korean Studies (REVISED)

Investigation of a specific area of Korean studies. Examples of course topics include: linguistics, literature, folklore, aesthetics, economy, politics, philosophy, society, archaeology, and religious syncretism. Satisfies Study of Another Culture requirement. May be repeated with permission of the program director.

Prerequisite: KRH 240 or 251 or RLS 246; one other course specified when the topic is announced

KRH, KRS 447 Directed Readings in Korean Studies (REVISED)

Individually supervised readings in selected topics in Korean studies. The designator KRH will be assigned to topics in the humanities area, KRS to topics in the social science area. May be repeated.

Prerequisites: Korean studies minor or upper-division standing with six credits in Korean studies; permission of instructor, program director, and Comparative Studies undergraduate director
3 credits

Linguistics

Students in the TESOL program must file their applications for student teaching in the academic year preceding that in which they plan to take LIN 450.

Revised Major Requirements

Completion of the major requirements entails 39 credits.

1. LIN 201 Phonetics
2. LIN 211 Syntax I
3. LIN 301 Phonology I
4. LIN 431 The Structure of an Uncommonly Taught Language
5. Seven additional linguistics courses of which at least six must be upper division.
6. One year of a modern foreign language beyond the College of Arts and Sciences proficiency requirement
7. Upper-Division Writing Requirement [No change]

The Notes pertaining to the major remain the same as in the *BULLETIN*, p. 138.

LIN 345 Writing Systems of the World (NEW)

A survey of the major types of writing and their history. Special attention will be given to the decipherment of ancient writing. Satisfies Study of Another Culture requirement.

Prerequisites: LIN 101; one year of a foreign language

Fall, alternate years, 3 credits (not offered in 1992-93)

LIN 355 Language and Life in a Selected Area of the World (NEW)

Study of the languages of a selected country or region outside of Europe in relation to its society, culture, history, and politics. Topics include language, family, social varieties, status and attitudes, language policies, and cultural patterns reflected in language use. Satisfies Study of Another Culture requirement. May be repeated once as the topic differs.

Prerequisite: LIN 101

Alternate years, 3 credits (not offered in 1992-93)

Mathematics

Prime Time

Refreshments and open house for students interested in MAT programs. Information will be available about careers, majors, minors, and the teacher preparation program.

Tuesday, April 14

10:30 a.m. - Noon

Mathematics P-131

MAP 102, which will be offered in Spring 1993, will not be offered in the fall. The fall courses, MAT 133 and 141, will not be offered during 1992-93. The following courses, which normally would be offered in Spring 1993, may not be offered because of budget cuts: MAT 134, 142, 300, 307, 312, and 332.

A handout, "Undergraduate Mathematics Handbook," is available in the Mathematics Undergraduate Office (Mathematics P-143) providing details about the major requirements beyond what is in the UNDERGRADUATE BULLETIN.

The bulletin board outside Mathematics P-143 contains up-to-date information about courses, including names of instructors and hours shown in the Class Schedule as "to be announced," and (when the fall semester starts) room changes.

MAP 101 Fundamentals of Arithmetic and Algebra (REVISED)

A through C/Unsatisfactory grading only. May not be taken for Pass/No Credit.

MAP 102 Proficiency Mathematics (REVISED)

A review of high school algebra and other mathematics preparation for non-calculus-based mathematics or statistics such

as AMS 101 or 102. Facility with exponents, basic graphing, solving linear and quadratic equations in one variable, solving linear systems in two variables, polynomials, factorization of algebraic expressions, binomial theorem, and inequalities. More extensive graphing, work with ratios and proportions, coin tossing in probability, mean and variance. Does not count toward graduation. A through C/Unsatisfactory grading only. May not be taken for Pass/No Credit.

MAT 301 Mathematical Thinking and Society (NEW)

The ways in which mathematicians think about mathematics, and how mathematical thinking can be applied to nonmathematical issues in the world at large. Topics include: making conjectures, detecting fallacies, finding proofs by making small observations, creativity, and coherence. Half of the course will be devoted to solving mathematical problems that involve these ingredients. The other half of the course will be a discussion of the application of this kind of thinking to problems in the world at large. *Prerequisites:* MAT 127 or 132 or 134 or 142; one semester of natural science *Spring, alternate years, 3 credits (not offered in 1992-93)*

Medieval Studies

The new minor in medieval studies (MVL) offers students the opportunity to acquire an understanding of the historical, cultural, and social forces that shaped Western civilization during the European Middle Ages. Under the direction of an advisor from the medieval studies program faculty, the student must establish an advisement folder with the minor coordinator, Professor Thomas Kerth, and construct a program of at least 24 credits fulfilling the requirements listed below.

Requirements for the Minor in Medieval Studies

All courses offered to fulfill the requirements of the minor must be passed with a grade of C or higher.

1. Introductory course in medieval civilization, HIS 133 or MVL 141
2. Two additional courses in medieval history or politics, of which one must be numbered 300 or above, chosen from among HIS 133 (if not used above), 201, 234, 303, 360; POL 355
3. Three courses in medieval philosophy, art, music, or literature, of which two must be numbered 300 or above and which must include two different designators

ANT 361

Peasants

ARH 101

Art in Culture from Pre-historic Times to the Age of the Cathedrals, ca. 1400A.D.

ARH 303

The Art and Architecture of the Early Middle Ages, ca. 400-1050

ARH 304

The Art and Architecture of the High Middle Ages, ca. 1050-1400

CLT 211

Literary Survey: Medieval through Late Renaissance

EGL 300

Old English Literature

EGL 302

Medieval Literature in English

EGL 338

Beowulf and Finnsburh

EGL 340

Chaucer

GER 338

History of the German Language

ITL 329,330

Studies in 13th- and 14th-Century Literature

LAT 355

Early Medieval Latin

LAT 356

Late Medieval Latin

MUS 340

Western Music before 1600

MVL 141

The Legend of King Arthur (if not used above)

PHI 204

Introduction to Medieval Philosophy

PHI 304

Medieval Philosophy

RLS 270

Christianity

RLS 310

Biblical Theology

RLS 321

Christian Classics (appropriate topic only)

RUS 302

History of the Russian Language

SPN 411

Topics in Medieval and Renaissance Literature and Culture (appropriate topic only)

Additional relevant courses may be substituted with the prior approval of the minor coordinator.

4. HIS 451 Colloquium in Medieval History
5. One semester (or three-credit equivalent) of college study of Latin or a relevant European foreign language at the intermediate level or beyond. Students are encouraged to complete two semesters of intermediate foreign language.

MVL 141 The Legend of King Arthur (NEW)

A study of the development of the legend of King Arthur from the earliest references in medieval English chronicles through the flowering and fixing of the tradition in French and German literary works of the High and Late Middle Ages. Among the texts considered are works by Bede, Giraldus, Cambrensis, Geoffrey of Monmouth, Chretien de Troyes, Wolfram von Eschenbach, and Hartmann von Aue. *Fall or spring, 3 credits*

Multidisciplinary Studies

The multidisciplinary studies major has replaced the liberal studies major. Continuing students who had completed 45 credits or more at the beginning of the Fall 1990 semester may still declare liberal studies. They are urged, however, to consider multidisciplinary studies (described in the 1991-93 UNDERGRADUATE BULLETIN), which was carefully designed to be a stronger major. All students who are interested in a self-designed program and who had matriculated in Spring 1991 or later or who began the Fall 1990 semester with fewer than 45 credits must choose multidisciplinary studies. Students wishing to declare this major or seeking information about it should make an appointment to see an advisor in Library E-3320.

Music

Prime Time—and Later—Undergraduate Recitals

Tuesday, April 14

Wednesday, April 22

Tuesday, April 28

All start at 4 p.m.

Staller Center for the Arts Recital Hall

A brochure with information pertaining to Fall 1992 course offerings will be available in the Music Department office and in the Center for Academic Advising starting April 8.

The prerequisite for any course in the music major program is the theory placement examination, which will be given on Thursday, April 23, and Wednesday, September 2, at 3 p.m., in Staller Center 0113. Students must sign up in advance in the Department of Music office, Staller Center 3304, 632-7330.

Auditions for the various musical ensembles will take place at each group's first class meeting of the fall semester.

Instrumental instruction is, as a rule, only available to majors. Occasionally there are openings for non-majors to take lessons. Auditions, which are necessary in order to take private instrumental lessons, are held in the first week of classes. It is the responsibility of the student to go to the Music Department office no later than August 31 (and preferably before) to sign up for auditions.

Either the new course MUS 102 (below) or MUS 101 or MUS 119 (formerly the only choices) will serve as a prerequisite for MUS 201, 301, 302, 303, 305, 306, 307, 308, 309, 310, 311, 312, and 349.

Revised Major Requirements

Completion of the major requirements entails 63-67 credits.

B.1. Theory

MUS 121	Musicianship I
MUS 220	Musicianship II
MUS 131, 132	Keyboard Harmony I, II
MUS 221	Musicianship III
MUS 222	Modal Counterpoint
MUS 231, 232	Keyboard Harmony I, II
MUS 321, 322	Tonal Harmony I, II
MUS 323	Compositional Techniques of the Late 19th and 20th Centuries
MUS 331	Musicianship IV
MUS 421	Analysis of Tonal Music
MUS 422	Analysis of 20th-Century Music

B.2. History and Literature

MUS 101	Introduction to Music or MUS 102
	Introduction to Music in Performance

[The rest of the B.2 requirement, 1991-93 BULLETIN, p. 149, remains the same.]

B.3. Performance

- Eight credits from courses in the groups MUS 167-187 or MUS 361-387.
- [No changes]
- Requirement has been eliminated. The Upper-Division Writing Requirement remains the same.

Revised Minor Requirement

2. History: Three courses chosen from the following: MUS 201, 202, 301-313.

MUS 102 Introduction to Music in Performance (NEW)

An introduction to music, musicians, and composers from classical, jazz, rock, and non-Western traditions. Topics include composition and improvisation; musical notation; the training of musicians; the impact of technology; and the varied roles of composers, performers, and listeners in several musical cultures. No previous musical training is assumed.
Spring, 3 credits

MUS 121 Musicianship I (REVISED)

Corequisites: MUS 131 and 222

MUS 131, 132 Keyboard Harmony I, II (NEW)

Practical studies in music theory through basic keyboard exercises.
Prerequisite to MUS 131: Placement by Theory Placement Examination
Corequisite to MUS 131: MUS 121 and 222

Prerequisite to MUS 132: MUS 121, 131, and 222

Corequisite to MUS 132: MUS 220 and 321

Fall (131) and spring (132), 1 credit each semester

MUS 201 Music Cultures of the World I (REVISED)

An introduction to musical traditions within the Middle East and Asia. Consideration of selected musical genres and styles in their relation to religious beliefs, social systems, and other aspects of culture. Not for major credit.

MUS 202 Music Cultures of the World II (NEW)

An introduction to musical traditions within Sub-Saharan Africa, Europe, and the Americas. Consideration of selected musical genres and styles in their relation to religious beliefs, social systems, and other aspects of culture. Not for major credit.

Fall, alternate years, 3 credits (not offered in 1993-94)

MUS 220 Musicianship II (REVISED)

Prerequisites: MUS 121 or placement by theory placement examination; MUS 131 and 222

Pre- or corequisite: MUS 101

Corequisites: MUS 132 and 321

MUS 221 Musicianship III (REVISED)

Prerequisites: MUS 220 or placement by theory placement examination; MUS 132 and 321

Corequisites: MUS 231 and 322

MUS 222 Modal Counterpoint (REVISED)

Corequisites: MUS 121 and 131

MUS 231, 232 Keyboard Harmony III, IV (NEW)

Practical studies in music theory through intermediate keyboard exercises.

Prerequisites to MUS 231: MUS 132, 220, and 321

Corequisite to MUS 231: MUS 221 and 322

Prerequisite to MUS 232: MUS 221, 231, and 322

Corequisite to MUS 232: MUS 323 and 331

Fall (231) and spring (232), 1 credit each semester

MUS 265 Workshop in Performance (NEW)

Practice in performance skills in a small group workshop setting, under the guidance of a performance instructor. May be repeated.

Prerequisite: Audition

Fall and spring, 1 credit

MUS 312 Music in the Middle East (NEW)
A survey of traditional and contemporary musics of Turkey, Iran, Israel, and the Arab world. Musics of rural and urban communities will be examined both in terms of their structure and style, and in the ways that they relate to aspects of current Middle Eastern life such as religious observance, social relations, ethnic and national identity, modernization, and emigration. Satisfies Study of Another Culture Requirement. Not for major credit.
Prerequisite: MUS 101 or 102 or 119
Spring, alternate years, 3 credits (not offered in 1992-93)

MUS 313 Cross-Cultural Musics from Stravinsky to World Beat (NEW)
An investigation into cross-cultural exchanges in Western and non-Western classical and popular musics in the 20th century, exploring the political and social contexts of, the role of technology in, and the aesthetic and ethical implications of musical borrowings. Among the topics covered will be: turn-of-the-century exoticism, uses of folk music by classical composers, mutual borrowings between the West and Indonesia, Middle Eastern music and the West, and Paul Simon and the music of South Africa. Not for major credit.
Prerequisite: MUS 101 or 102 or 119
Fall, alternate years, 3 credits (not offered in 1993-94)

MUS 321, 322 Tonal Harmony I, II
Prerequisites to MUS 321: MUS 121, 131, and 222
Corequisites to MUS 321: MUS 132 and 220
Prerequisites to MUS 322: MUS 132, 220, and 321
Corequisites to MUS 322: MUS 221 and 231

MUS 323 Compositional Techniques of Late 19th- and 20th-Century Music (NEW)
Study and practice in the techniques used in the late 19th and 20th centuries to organize pitch, rhythm, tone color, and dynamics.
Prerequisites: MUS 132, 221, and 322
Corequisites: MUS 232 and 331
Spring, 3 credits

MUS 331 Musicianship IV (REVISED)
Prerequisites: MUS 221, 231, and 322
Corequisites: MUS 232 and 323
2 credits

MUS 340 Western Music Before 1600 (REVISED)
Prerequisites: MUS 132, 220 and 321
4 credits

MUS 341 Western Music from 1600 to the Early 19th Century (REVISED)
Prerequisite: MUS 340
4 credits

MUS 342 Western Music of the 19th and 20th Centuries (REVISED)
This is now a 4-credit course.

MUS 393 Chamber Chorus (REVISED)
This is now a 1-credit course.

MUS 491 Conducting (REVISED)
Prerequisite: MUS 322
Corequisite: MUS 261 or 262 or 263 or 393

Special Topic for Fall 1992

MUS 455 Major Composers: J.S. Bach
An examination of the life and music of Johann Sebastian Bach (1685-1750). In order to trace Bach's unique stylistic development, compositions from various periods of his life will be studied. In addition, students will gain a comprehensive understanding of his output by exploring as many different instrumental and vocal genres (sonata, concerto, cantata, etc.) as possible. Consideration will also be given to such biographical topics as Bach's family life, his relationships with colleagues, and his theological tenets.
Prerequisite: MUS 340 OR 341
(R. Stinson)

Philosophy

Prime Time Presentation: "Leibniz, Analogy, and the Philosophy of Science"
Professor Robert Crease
Thursday, April 9
2 - 2:30 p.m.
Refreshments and faculty-student get-together will follow
2:30 - 4 p.m.
Harriman Hall 214

PHI 103 Philosophical Problems (REVISED)
An introduction to philosophy through the analysis of one or more aspects of contemporary life such as technology, war, international relations, or families and friendships. A variety of texts will be used.

PHI 200 Introduction to Ancient Philosophy (I) (REVISED)
Readings and discussion of major Greek and Roman thinkers, e.g., the Presocratics, Plato, Aristotle, the Stoics, and Plotinus. A core course satisfying Humanities and Fine Arts Category A.

PHI 204 Introduction to Medieval Philosophy (I) (NEW)
Readings and discussion of major thinkers of the medieval period, e.g., Augustine, Boethius, Anselm, Abelard, Maimonides, Aquinas, and Nicholas of Cusa.
Prerequisites: Sophomore standing or one course in philosophy
Fall or spring, 3 credits

PHI 206 Introduction to Modern Philosophy (REVISED)
Readings and discussion of major thinkers of the 17th and 18th centuries, e.g., Descartes, Leibniz, Spinoza, Hobbes,

Locke, Berkeley, Hume, and Kant. A core course satisfying Humanities and Fine Arts Category A.

PHI 208 Introduction to 19th-Century Philosophy (I) (NEW)
Readings and discussion of major thinkers of 19th-century Europe, e.g., Kant, Hegel, Comte, Marx, Mill, Schopenhauer, and Nietzsche.
Prerequisites: Sophomore standing or one course in philosophy
Fall or spring, 3 credits

PHI 230 The Nature and Practice of Science (REVISED)
Prerequisites: Sophomore standing or one course in philosophy; one D.E.C. Category E (or Core Natural Sciences Category A) course

PHI 264 Philosophy and the Arts (REVISED)
Prerequisites: Sophomore standing or one PHI or ARH or MUS or THR course

PHI 284 Introduction to Feminist Theory (REVISED)
Crosslisted with WNH 284.

PHI 300 Ancient Philosophy (REVISED)
Advanced studies in selected Greek thinkers from Thales to Aristotle. A core course satisfying Humanities and Fine Arts Category C.
Prerequisites: Three courses in philosophy; PHI 200, 204, 206, or 208 recommended

PHI 304 Medieval Philosophy (REVISED)
Prerequisites: Two courses in philosophy; PHI 200 or 204 recommended

PHI 306 Modern Philosophy (REVISED)
Advanced studies in selected modern European thinkers such as Descartes, Vico, Spinoza, Locke, Berkeley, Hume, and Kant. A core course satisfying Humanities and Fine Arts Category C.
Prerequisites: Three courses in philosophy; PHI 200, 204, 206, 208, 247, or 300 recommended

PHI 308 19th-Century Philosophy (REVISED)
Study of major figures in 19th-century European thought, such as Hegel, Schopenhauer, Marx, Mill, Nietzsche, Kierkegaard, Spencer, and Comte. A core course satisfying Humanities and Fine Arts Category C.
Prerequisites: Two courses in philosophy; PHI 200, 204, 206, 208, 247, 300, or 306 recommended

PHI 310 American Philosophy (REVISED)
Prerequisites: Two courses in philosophy; PHI 200, 204, 206, 208, 247, 300, 304, 306, or 308 recommended

PHI 312 Topics in Contemporary European Thought (REVISED)

Prerequisites: Two courses in philosophy; PHI 206, 208, 300, 304, 306, or 310 recommended

PHI 320 Metaphysics (REVISED)

Prerequisites: Two courses in philosophy

PHI 323 Philosophy of Perception (REVISED)

Prerequisites: Two courses in philosophy; PSY 103 or 104 recommended

PHI 325 Contemporary Philosophies of Language (REVISED)

Prerequisites: Two courses in philosophy

PHI 332 Theories of Knowledge (REVISED)

Prerequisites: Two courses in philosophy; PSY 103 or 104 recommended

PHI 334 Philosophy of Myth (REVISED)

Prerequisites: Two courses in philosophy

PHI 335 Philosophy of Time and Time Travel (NEW)

An exploration of the nature of time, developing arguments for contemporary theories of space-time, and, in particular, considering a number of puzzles that arise in these contemporary theories. Among the puzzles to be considered will be problems of time and the continuum, accounting for the asymmetry of time, and the various paradoxes of time travel.

Prerequisites: One course in philosophy; one course in physics
Fall, 3 credits

PHI 336 Philosophy of Religion (REVISED)

Prerequisites: Two courses in philosophy; one course in religious studies

PHI 340 Indian Buddhism (REVISED)

Prerequisites: PHI 111 or RLS 240 or 246 or 260; one other course in philosophy

PHI 342 Chinese Philosophy (REVISED)

Prerequisites: PHI 111 or RLS 240 or 246 or 260; one other course in philosophy

PHI 344 Japanese Philosophy (REVISED)

Prerequisites: PHI 111 or RLS 240 or 246 or 260; one other course in philosophy

PHI 353 Philosophy of Mind (REVISED)

Prerequisites: Two courses in philosophy; PSY 103 or 104 recommended

PHI 360 Philosophy of Education (REVISED)

Prerequisites: Two courses in philosophy; or one course in philosophy and one course related to education

PHI 362 Scientists on Science (REVISED)

Prerequisites: One course in philosophy; completion of D.E.C. Category E (or Core Natural Sciences Category A)

PHI 363 Philosophy of the Social Sciences (REVISED)

Prerequisites: One course in philosophy; completion of D.E.C. Category F (or two Core Social Science courses)

PHI 364 Philosophy of Technology (REVISED)

Prerequisites: One course in philosophy; completion of D.E.C. Category E (or Core Natural Science Category A)

PHI 366 Philosophy and the Environment (NEW)

Philosophical aspects of how human beings relate to the natural world. Close consideration will be given to the meaning and scope of basic terms such as "nature," "the earth," "the atmosphere," "wilderness." Also to be examined are philosophical issues in ecology, e.g., those raised by the contemporary movements of deep ecology (which investigates non-anthropocentric values inherent in nature) and ecological feminism (which explores parallels between misogyny and the exploitation of natural resources).

Prerequisites: Two courses in philosophy; or one course in philosophy and completion of D.E.C. Category E (or Core Natural Sciences Category A)
Fall or spring, 3 credits

PHI 368 Philosophy of Science (REVISED)

Prerequisites: One course in philosophy; completion of D.E.C. Category E (or Core Natural Sciences Category A)

PHI 372 Ethical Inquiry (REVISED)

Prerequisites: Two courses in philosophy; PHI 104 recommended

PHI 374 Philosophy in Relation to Other Disciplines (REVISED)

Prerequisites: Two courses in philosophy

PHI 375 Philosophy of Law (REVISED)

Prerequisites: Two courses in philosophy; or one course in philosophy and one course acceptable for socio-legal studies minor

PHI 376 Philosophy and Medicine (REVISED)

Prerequisites: One course in philosophy; HIS 237 or 238 or SOC/HMC 200 or HMC 331 recommended

PHI 378 Philosophy of History (REVISED)

Prerequisites: Two courses in philosophy; one course in history recommended

PHI 381 Aesthetics (REVISED)

Prerequisites: Two courses in philosophy; completion of D.E.C. Category D

PHI 384 Advanced Topics in Feminist Philosophy (REVISED)

Crosslisted with WNH 384.

Prerequisites: One course in philosophy; one course in women's studies; PHI 284 recommended

PHI 391, 392 Individual Systems of the Great Philosophers (REVISED)

Prerequisite: PHI 300 or 304 or 306 or 308 or 310 or 312

PHI 393 Analysis of Philosophic Texts (REVISED)

Prerequisite: PHI 300 or 304 or 306 or 308 or 310 or 312

Special Topics for Fall 1992

PHI 384 Advanced Topics in Feminist Philosophy: Women's Autonomy
(To be announced)

PHI 391 Individual Systems of the Great Philosophers: Nietzsche
(D. Allison)

PHI 420 Advanced Topics in Philosophy: The Concept of Time
(F. Raffoul)

Physical Education

All DAN courses have been transferred to the Department of Theatre Arts, which houses the new dance minor (see Theatre Arts section). The designator DAN will no longer be used for courses.

PEC 101 Racquetball (NEW)

A basic course in racquetball covering skills, rules, safety, and court etiquette.
Fall and spring, 1 credit

PEC 225, 226 Instructor of Applied Aquatics I, II (CORRECTION)

Prerequisite: PEC 223

PEC 271 Instructor of Cardiopulmonary Resuscitation (NEW)

Covers the Red Cross certification requirements for Instructor of Community C.P.R. and Instructor of Basic Life Support C.P.R. The course includes teaching methods and protocols of cardiopulmonary resuscitation, including infant, child, and adult procedures.

Prerequisites: PEC 270; permission of instructor
Fall and summer, 2 credits

PEC 272 Instructor of First Aid (NEW)

Covers the Red Cross certification requirements for Instructor of Standard First Aid. The course includes teaching methods and protocols for effective first-response techniques in various emergencies, including treatment of bleeding, burns, fractures and dislocations, and sudden illness.

Prerequisites: PEC 270; permission of instructor
Spring and summer, 2 credits

Physics

Prime Time Event: Discussion and Advising Fair

"Career Paths in Physics" and "Juniors: What You Should Know About Graduate School"

Tuesday, April 14

12:30 - 2:30 p.m.

Refreshments at 12:30

Discussion, led by Physics faculty, at 1 p.m.

Physics S-240

Any physics major whose picture has not yet been taken by the department should have this done between 12:30 and 1 p.m. on April 14.

PHY 252 and 336 have been deleted from the curriculum.

Revised Major Requirements

A. Courses in Physics

The following eleven courses: PHY 101, 102, 251, 262, 301, 303, 306, 308, 335, 352, 445. Each upper-division course must be completed with a grade of C- or higher, and at least four of these upper-division courses must be taken at Stony Brook.

D. Upper-Division Writing Requirement

Courses in which students may satisfy this requirement are PHY 262, 335, 352, or 445.

PHY 251 Modern Physics (REVISED)

The elements of the special theory of relativity. Wave-particle duality, the concept of wave functions and other fundamentals of the quantum theory are treated and applied to nuclei, atoms, molecules, and solids. In the laboratory students perform some of the pivotal experiments of the 20th century. Three lecture hours, one recitation hour, and one two-hour laboratory per week.

PHY 262 Introduction to Solid State Physics (REVISED)

Presentation of important electrical, thermal, and optical properties of solids, particularly semiconductors and superconductors. Topics include crystal structure, wave phenomena in periodic media, phonons, free electron theory of metals, band theory of solids, and their applications. Phenomena introduced in lecture are studied in the laboratory with emphasis on understanding bulk properties of solids in terms of their underlying microstructure.

PHY 306 Thermodynamics, Kinetic Theory, and Statistical Mechanics (REVISED)

The pre- or corequisite of PHY 252 or 262 has been dropped.

PHY 308 Quantum Physics (REVISED)

The concepts, historical development, and mathematical methods of quantum mechanics. Topics will include Schrodinger's equation in time-dependent and time-independent forms; one- and three-dimensional solutions, including the treatment of angular momentum and spin. Applications to simple systems, especially the hydrogen atom, will be stressed.

PHY 335 Electronics and Instrumentation Laboratory (REVISED)

An intensive laboratory-based electronics course covering modern electronic circuits and the theory behind them. Topics include AC circuits, digital techniques, and interfacing to computers—involving both the interface hardware and programming in a high-level language such as BASIC or Pascal. Two three-hour laboratories per week.

Prerequisite: PHY 262

PHY 352 Optics and Waves (NEW)

A survey of geometrical and physical optics with associated laboratory. Polarization, interference, and diffraction phenomena are studied. Three lecture hours and one three-hour laboratory per week. Not for credit in addition to the discontinued PHY 252.

Prerequisite: PHY 301

Fall and spring, 4 credits

PHY 405 Advanced Quantum Physics (REVISED)

The quantum mechanical treatment of identical particles, symmetry principles, the structure of multi-electron atoms, perturbation theory with such applications as Zeeman and Stark splitting and radiative transitions, an introduction to advanced operator techniques, and the quantum mechanical description of scattering.

PHY 445, 446 Senior Laboratory I, II (REVISED)

Prerequisites to PHY 445: PHY 308 and 335

Prerequisite to PHY 446: PHY 445

PHY 472 Solid-State Physics (REVISED)

A study of the principal types of solids with emphasis on their thermal, electrical, and optical properties; theory of electrons in metals; energy bands; phonons. Applications to semiconductors, superconductors, magnetism, and magnetic resonance.

Political Science

Prime Time Open House

Friday, April 10

12:15 - 2:15 p.m.

Ward Melville Social and Behavioral Sciences 7th Floor Lobby

Information pertaining to Fall 1992 political science course offerings is available in

the Undergraduate Office handout rack, Ward Melville Social and Behavioral Sciences S-701.

Revised Major Requirements

Methodology Requirement

A course taken to fulfill this requirement may not count toward fulfilling any other major requirement.

Upper-Division Writing Requirement: Method II

Students may seek to have their writing evaluated by the instructor of any upper-division political science course in which there is an assigned research paper. Writing evaluation forms are available in the department office for students to give their instructors along with their papers.

Students should check with the undergraduate office if they have any questions about whether they have fulfilled the writing requirement.

Students whose writing is not judged adequate should consult with the director of undergraduate studies on further steps to fulfill the writing requirement.

Programs of Study

The new courses (descriptions in course listings, below) have been added as follows:

Comparative Politics and International Relations: POL 309, 332

American Government, Law, and Public Policy: POL 329, 330, 331, 332, 334, 344

Political Behavior and Political Psychology: POL 333, 344

POL 201 Introduction to Statistical Methods in Political Science (REVISED—Formerly POL 106)

Not for credit after AMS 102, ECO 320, PSY 201, 202, 203, SOC 202 or 311, 312. May not be used to fulfill political science electives requirement for majors or minors.

Prerequisites: Satisfaction of entry-level mathematics proficiency requirement; POL 101 or 102 or 103 or 105 or 107

Note: This course will replace POL 106 in prerequisites for POL 346, 347, 348, 349, 351, and 367.

POL 225 Concepts and Methods of Political Inquiry (REVISED)

Prerequisites: POL 102 or 103 or 105; satisfaction of the major methodology requirement

POL 261 Business Law (REVISED)

Prerequisite: Sophomore standing

POL 309 Politics in France and Italy (NEW)

Examination of the political process in France and Italy, focusing on selected topics of comparative interest, such as constitutional structure and interpretation; legislative-executive relations; social, cultural, and economic bases of democratic

politics; political ideologies; and relations with the European Community.

Prerequisite: POL 103
Fall or spring, 3 credits

POL 313 Problems of International Relations (REVISED)

Prerequisites: POL 101; satisfaction of the major methodology requirement

POL 327 Urban Politics (REVISED)

Emphasizes both the formal and informal political institutions and processes in American cities and suburbs, including governmental structures, political parties, interest groups, and service delivery systems. Special attention will be given to the multiethnic and multicultural context within which urban politics in the United States takes place.

POL 329 Administrative Law (NEW)

A study of substantive and procedural law as it applies to administrative actions at the federal, state, and local levels of government. Includes a review of relevant constitutional, statutory, and administrative acts; case law; and court rulings on some current administrative issues.

Prerequisite: POL 320
Fall, 3 credits

POL 330 Women and the Law (NEW)

An exploration of areas of American law that have had particular impact on the personal and professional lives of women such as employment discrimination, child custody, the battered spouse syndrome, and property laws affecting women. In addition, the course will examine the obstacles to the advancement of women in the legal profession including gender bias in the court systems and the tension between career and family responsibilities.

Prerequisite: POL 102 or 105
Fall, 3 credits

POL 331 Law and Political Representation (NEW)

An examination of the leading federal court decisions relating to a citizen's right to participate and be fairly represented in government. Topics include voter qualifications, legislative apportionment, political and racial gerrymandering, the evolution of the Voting Rights Act, and the rights of political parties and interest groups.

Prerequisites: POL 101 and 320
Spring, alternate years, 3 credits (not offered in 1993-94)

POL 332 Comparative Study of Constitutions (NEW)

Analysis of constitutions of selected foreign countries focusing on principles of interpretation, enforcement, executive accountability, civil liberties, and emergency powers.

Prerequisites: POL 103 and 320
Spring, 3 credits

POL 333 Cultural Impacts on U.S.-Asian Trade Relations (REVISED)

A study of trade relations of Asian nations—including Japan, Korea, China, and Taiwan—and the United States. The course will focus on the economies, political institutions, social structures, and value systems of Asian countries and how these factors influence policy formation regarding bilateral trade, negotiations of trade agreements with the United States, and compliance with such agreements. Satisfies Study of Another Culture requirement.

POL 334 Supreme Court Decision Making (NEW)

A comprehensive examination of Supreme Court decision making, aided by a computer database on the court. The course will cover various stages of the judicial process, including the decision to grant certiorari, the decision on the merits, majority opinion assignment, and majority opinion coalitions.

Prerequisites: Satisfaction of the major methodology requirement; POL 320 recommended
Fall, 3 credits

POL 344 American Political Ideology and Public Opinion (NEW)

An examination of the nature of contemporary political ideology and public opinion in the United States. The goal will be to understand political conflict and debate in the U.S. and the ways in which the public influences that debate. Major topics in public opinion will include: political tolerance and trust, attitudes toward women and blacks, the role of the mass media, and the impact of political values and ideology on political campaigns and elections.

Prerequisites: POL 102 or 105
Spring, 3 credits

POL 350 Contemporary European Political Theory (REVISED)

An examination of how political theory has assimilated the advances and discoveries in the other social sciences, developments in the analysis of language, and reversals in Hegelianism and anarchism. Original writing from a selection of European thinkers from Mosca to Marcuse.

Prerequisite: POL 250 or 355 or 356

POL 476 Undergraduate Teaching Practicum II (NEW)

Advanced training in techniques of organization and management of political science courses. Students will assume greater responsibility in leading discussions and in analyzing results of tests that have already been graded. The course in which a student is permitted to work as a teaching assistant will be different from the course in which he or she previously served. Not for major credit. Satisfactory/Unsatisfactory grading only.

Prerequisites: POL 475; political science major; senior standing; permission of instructor and department
Fall and spring, 3 credits

Special Topics for Fall 1992

POL 495 Honors Seminar in Political Science

Sec. 1 Political Parties and Elections

The role of parties in the electoral and governmental process.
(H. Scarrow)

Sec. 2 Political Socialization

Political socialization, especially continuity and change in political attitudes and behavior across the lifespan. Topics include the stability of political attitudes, the social psychology of attitude change, the importance of the political era, and the existence and coherence of distinct political generations.

Additional prerequisite: POL 106 or any other course fulfilling the department's methodology requirement
(L. Huddy)

Sec. 3: Bureaucracy and the Policy Process

The bureaucracy, as the "fourth" and largest branch of American government actively involved in the implementation of public policy. The course will address theories of bureaucracy, independence of bureaucratic actors, and models of interaction with Congress, the President, and the Judiciary.

(P. Teske)

Psychology

Prime Time Open House

Wednesday, April 15

3 - 5 p.m.

Psychology B-116

The Psychology Department publishes a brochure each semester that contains extended descriptions of course offerings and other announcements of interest to undergraduates. These are available in the Psychology Undergraduate Office (Psychology B-116), which is open from 8:30 a.m. to 5 p.m. every day. The bulletin board outside Psychology B-116 also contains up-to-date information about community service and research opportunities.

PSY 320 and 353 will not be offered in Fall 1992.

Three different sections of PSY 283 Community Service, which provides supervised training for and experience in human service work in agencies on campus and in the community, will be offered in Fall 1992. It is necessary to check with the Psychology Undergraduate Office (Psych-B 116) for complete details before registering.

The new courses, PSY 202 and 203, are alternate prerequisites for PSY 300, 310, 318, 321, 322, and 372. The new honors version of the courses listed as prerequisites for PSY 307, 309, 311, 312, 313, 340, and 342 are alternate prerequisites for those courses.

Revised Requirements for the Majors in Psychology

A grade of C or higher must be earned in all courses (within and outside the Psychology Department) applied to the major.

The new courses, PSY 202 and 203, as well as PSY 201 or another allowed statistics course, may be used towards satisfying requirement A.1. This changes the number of credits entailed in completing the major to 58-62 for the B.A. program, and 62-68 for the B.S. program.

In requirements A.1 and A.2 students may substitute the honors version of the courses listed.

Revised Honors Program

The honors program in psychology has been revamped (but too late for publication here). Details are available in the Psychology Undergraduate office.

PSY 104 Introduction to Psychology: Honors (REVISED)

An enriched version of PSY 103, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 103. May not be taken for credit in addition to PSY 103.

PSY 202 Statistical Methods in Psychology: Honors (NEW)

An enriched version of PSY 201, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 201. May not be taken for credit after AMS 102, ECO 320, PSY 201, 203, SOC 202 or 311, 312. Satisfies quantitative literacy graduation requirement.

Prerequisites: PSY 103 or 104; satisfaction of entry-level mathematics proficiency requirement; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 203 Statistical Methods with Computer Laboratory (NEW)

In addition to PSY 201 topics, includes introduction to a statistical computer package for exercises and statistical analyses. Does not assume computer literacy or involve computer programming. May not be taken for credit after AMS 102, ECO 320, PSY 201, 202, SOC 202 or 311, 312. Satisfies quantitative literacy graduation requirement.

Prerequisites: PSY 103 or 104; satisfaction of entry-level mathematics proficiency requirement

Fall and spring, 4 credits

PSY 206 Theories of Personality

(REVISED—Formerly PSY 208)

Only the number has been changed.

PSY 207 Theories of Personality: Honors (NEW)

An enriched version of PSY 206, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 206. May not be taken for credit in addition to PSY 206 or the discontinued PSY 208.

Prerequisites: PSY 103 or 104; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 210 Social Psychology: Honors (NEW)

An enriched version of PSY 209, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 209. May not be taken for credit in addition to PSY 209.

Prerequisites: PSY 103 or 104; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 212 Developmental Psychology: Honors (NEW)

An enriched version of PSY 211, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 211. May not be taken for credit in addition to PSY 211.

Prerequisites: PSY 103 or 104; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 216 Abnormal Psychology: Honors (NEW)

An enriched version of PSY 215, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 215. May not be taken for credit in addition to PSY 215.

Prerequisites: PSY 103 or 104; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 242 Brain and Behavior: Honors (NEW)

An enriched version of PSY 241, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 241. May not be taken for credit in addition to PSY 241.

Prerequisites: PSY 103 or 104 or BIO 101 or 151; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 301 Research Methodology: Honors (NEW)

An enriched version of PSY 300, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY

300. May not be taken for credit in addition to PSY 300.

Prerequisites: PSY 103 or 104; PSY 201 or 202 or 203 or AMS 102; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 319 Animal Learning: Honors (NEW)

An enriched version of PSY 318, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 318. May not be taken for credit in addition to PSY 318.

Prerequisites: PSY 103 or 104; PSY 201 or 202 or 203 or AMS 102; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 323 Sensation and Perception (REVISED—Formerly PSY 321)

Only the number has been changed.

PSY 324 Sensation and Perception: Honors (NEW)

An enriched version of PSY 323, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 323. May not be taken for credit in addition to PSY 323 or the discontinued PSY 321.

Prerequisites: PSY 103 or 104; PSY 201 or 202 or 203 or AMS 102; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 343 Comparative Animal Behavior (REVISED)

An analysis of the behavioral repertoires of different species in terms of evolutionary constraints and psychological processes. General processes underlying behavior will be examined as a prelude to the discussion of the different ways species have solved survival problems. [No longer crosslisted with BIO 359.]

PSY 344 Comparative Animal Behavior: Honors (NEW)

An enriched version of PSY 343, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY 343. May not be taken for credit in addition to PSY 343.

Prerequisites: PSY 103 or 104; BIO 101 or 151; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 348 Cognitive Psychology (REVISED—Formerly PSY 350)

Only the number has been changed.

PSY 349 Cognitive Psychology: Honors (NEW)

An enriched version of PSY 348, involving more hands-on experience, writing, individualized feedback, and in-depth consideration of topics than typical in PSY

348. May not be taken for credit in addition to PSY 348 or the discontinued PSY 350.

Prerequisites: PSY 103 or 104; PSY 201 or 202 or 203 or AMS 102; cumulative G.P.A. of 3.2 or higher

Fall or spring, 3 credits

PSY 399 Junior Thesis Seminar (REVISED)

Only the title has been changed.

PSY 495-496 Senior Thesis Seminar

(REVISED)

Only the title has been changed.

Religious Studies

RLS 246 Korean and Japanese Religions (REVISED)

An introduction to Korean and Japanese religious history from the earliest recorded periods to the 19th century. Emphasis will be given to Buddhism, Confucianism, Taoism, Korean shamanism and Japanese Shintoism. Relationships between the Korean variant of religious traditions and those of China and Japan will also be investigated. A Core Course satisfying Humanities and Fine Arts Category A.

Special Topics for Fall 1992

RLS 310 Biblical Theology: Apocalyptic Scripture

A critical investigation of the historical and religious world of apocalyptic Judaism and primitive Christianity by way of a study of its primary texts and theologies, particularly those of early Christianity. (T. Altizer)

Science, Mathematics, and Technology Education

Prime Time Open House

Thursday, April 9

2 - 3 p.m.

Tuesday, April 14

2 - 3 p.m.

Advising hours with refreshments
Harriman Hall 206

Students planning to enter the Science Secondary Teacher Preparation Program during the 1992-93 academic year should make an appointment to see one of the program's faculty advisors.

Students planning to take SCI 450 Supervised Teaching—Science in Fall 1992 should have contacted the Center by March 15 to make arrangements for a secondary school student teaching placement. Those who missed the deadline should visit the Center to see if a placement can be arranged.

SCI 300 Science Instructional Strategies and Techniques (REVISED)

Prerequisite: SCI 200

SCI 450 Supervised Student Teaching—Science (REVISED)

Prerequisite: Senior standing with 2.7 G.P.A. in major; permission of Science Teacher Preparation Program

Corequisite: SCI 454

SCI 454 Student Teaching Seminar (REVISED)

Prerequisite: Permission of Science Teacher Preparation Program

Corequisite: SCI 450

Social Sciences

Prime Time Discussion: "Childhood Through the Ages"

Professor Joan Kuchner, speaker

Wednesday, April 8

3 - 5 p.m.

Ward Melville Social and Behavioral Sciences S-207

A brochure with extended descriptions of Fall 1992 courses is available in the Social Sciences office, Ward Melville Social and Behavioral Sciences S-201.

Students planning to enter the Social Studies Secondary Teacher Preparation Program during the 1992-93 academic year should consult with Ms. Geiger in the Social Sciences office during the Spring 1992 semester. Failure to do so may result in a delay in meeting the New York State teacher certification requirements.

Students planning to take SSI 450 Supervised Student Teaching in Fall 1992 must contact Ms. Geiger before the end of the Spring 1992 semester to make arrangements for a secondary school student teaching placement.

Students planning to work in the day care centers (i.e. through registration in SSI 283, 487, etc.) must present proof of having had a recent medical examination when reporting to work in August.

SSI 102 Introduction to Women's Studies in the Social Sciences (REVISED)

Material in this crosslisted course will be restricted to the social sciences.

Special Topics for Fall 1992

SSI 311 Interdisciplinary Topics in the Social Sciences: Feminist Issues of the 1990s

An in-depth study of contemporary feminist issues such as sexual harassment, reproductive choice, poverty, and violence against women. Crosslisted with WNS 391 for Fall 1992 only.

Prerequisites: 18 credits in the social and behavioral sciences, including WNS/SSI 102 or WNS/SSI 180 or six credits from social and behavioral sciences courses that satisfy women's studies minor requirements

(J. Wishnia)

SSI 417 Senior Seminar in Child and Family Studies: Youth and Families in Crisis

Interdisciplinary approach to the major changes that have occurred in the past decade in family structure, particularly issues that affect adolescents. The seminar will include discussion of solutions as well as clarify the problems. The following issues will be covered: youth employment and unemployment; teen pregnancy; homelessness; suicide; mistreatment of youth; youth in trouble. Model programs that address these issues will be discussed. (B. Baskin)

Sociology

Prime Time Discussion

"Program Guidance and Careers in Sociology"

Wednesday, April 8

4 p.m.

Ward Melville Social and Behavioral Sciences N-401

A brochure with extended descriptions of sociology courses will be available at the department office, Ward Melville Social and Behavioral Sciences S-401, starting April 6.

Revised Major Requirements

Courses that are crosslisted with a sociology course do not satisfy the requirement for study in a related area.

SOC 121 Library Skills for Sociological Research (REVISED)

Prerequisite: SOC 105 or 106 or 301 or 305; sociology major

SOC 202 Statistical Methods in Sociology (REVISED)

May not be taken for credit after AMS 102, ECO 320, POL 201, PSY 201, 202, 203, or SOC 311, 312.

Prerequisites: SOC 105 or 106 or 301 or 305; satisfaction of entry-level mathematics proficiency requirement; sociology major

SOC 204 Intimate Relationships (REVISED)

Crosslisted with WNS 204.

SOC 247 Sociology of Gender (REVISED)

Crosslisted with WNS 247.

SOC 304 Sociology of the Family (REVISED)

Crosslisted with WNS 304.

SOC 308 Social Welfare: Policies and Programs (REVISED)

An examination of the history of social welfare in the United States. Special attention will be paid to comparing the experience of different disadvantaged populations. This will include how they have been affected by major social welfare policies and programs and by changing ideologies of poverty.

SOC 310 Ethnic Relations (REVISED)

The comparative experience of ethnic and other minority groups within the United States, including formation, migration, and conflict; prejudice, discrimination, and minority self-hatred.

SOC 311, 312 Methods and Statistics I, II (REVISED)

May not be taken for credit after AMS 102, ECO 320, POL 201, PSY 201, 202, 203, SOC 201, 202.

SOC 315 Sociology of Technology (REVISED)

A core course satisfying Natural Sciences Category B.

Prerequisites: SOC 105 or 106 or 301 or 305; two other courses in the social sciences; one introductory natural science course

SOC 335 Sociology of Labor Movements (REVISED)

An analysis of the rise and status of labor movements with emphasis on the growth of large corporations; the role of the state; imperialism; and the influence of class, race, and gender.

SOC 364 Sociology of Latin America (NEW)

A survey of Latin American societies, their social structures and processes of social, political, and economic change. Topics will include social stratification; occupational structure; demographic characteristics; the state; class structure; military intervention in politics; conditions for democracy, political stability, and revolution; policy making, and popular social movements. Satisfies Study of Another Culture requirement.

Prerequisites: SOC 105 or 106 or 301 or 305; two other courses in the social sciences

Fall, 3 credits

SOC 371 Gender and Work (REVISED)

Gender differences in work force participation and occupational attainment, with an emphasis on the United States. Will cover such topics as historical changes in work force participation; economic, legal, and social factors affecting employment; career options; and pay equity. Readings and lectures will focus on the historical and contemporary experience of American men and women, including differences by ethnicity and class. Crosslisted with WNS 371.

Prerequisites: WNS/SSI 102 or WNH 103 or SOC 105 or 106 or 301 or 305; two other courses in the social sciences

Special Topics for Fall 1992

SOC 390 Special Topics: Sex and Society
An exploration of the social construction of sexuality. Examination of how sexuality is constructed in other societies and the

enormous range of sexual variations within American culture to get a sense of the ways in which society writes sexual scripts that individuals accept, modify, and reject (often all at the same time).

(M. Kimmel)

SOC 391 Special Topics: Theory and Practice in Student Leadership

A seminar for students interested in developing communication and leadership skills. It will offer a combination of readings, directed observations, and experiential learning. The course will draw on sociology, social psychology, and developmental theory and will focus on organizations, small groups, leadership, and individual student development.

(L. Copertino)

SOC 392 Special Topics: AIDS

An examination of AIDS as an evolving worldwide medical and health problem of pandemic proportions that has (and will further) force individuals, communities, and nations to grapple with both old and new psychological, cultural, and social complexities and contradictions. The course will take a sociological perspective on all these issues and will draw upon knowledge in a wide variety of sociological areas, e.g., the sociology of science, health and medicine, sexual conduct, drug use, ethnicity, political sociology, and social stratification.

(J. Gagnon)

Theatre Arts**Prime Time Advising**

Wednesday, April 15

1:30 - 3 p.m.

Staller Center 3028

A brochure with information pertaining to Fall 1992 course offerings is available in Staller Center 3046.

Revised Major Requirements

A sixth area of concentration has been added to requirement B of the major:

Dance

THR 261, 262, 263, 264, 337, 361, 363, 364, 400

New Minor: Theatre Dance (DAN)

Completion of the minor in theatre dance entails 21 credits.

A. THR 337, 364, 400

B. THR 161 or 162 or 163

C. THR 261 or 262 or 263

D. THR 361 or 363

E. Three credits from the following:

PEC 136, 137; ARH 101, 102; MUS 101, 102, 119; PHI 264, 381; THR 105, 112, 246, 264, 332, 353, 354 (appropriate topic only), 482

THR 161 Modern Dance Technique and History (NEW)

The fundamentals, technique, and history of modern dance. Basic principles of alignment, centering, placement, and modern technique will be introduced. The historical component will include various styles within the field of modern dance, individual artists who have contributed to the field, and the place of modern dance in society and culture at large.

Fall and spring, 3 credits

THR 162 Ballet Technique and History (NEW)

The fundamentals, technique, and history of ballet. The course will cover the development of body alignment through stretching and strengthening exercises; simple barre exercises, followed by center floor combinations, and movement phrases to music. The historical component will include the development of ballet from the 15th century to the present day. Various styles, companies, techniques, and individual artists will be discussed.

Fall and spring, 3 credits

THR 163 Jazz Dance Technique and History (NEW)

The fundamentals, technique, and history of jazz dance. Basic principles of alignment, centering, placement, and jazz technique will be covered. The historical component will include various styles within the field of jazz dance, individual artists who have contributed to the field, and the place of jazz dance in society and culture at large.

Fall and spring, 3 credits

THR 246 Stage Lighting (REVISED)

An introduction to the aesthetics and traditions of stage lighting design and technology, combining theory and practice. The course includes an exploration of color, intensity, and control through classroom and laboratory exercises using equipment and computer boards of the Staller Center for the Arts.

THR 261 Modern Dance Technique and Composition (NEW)

Further development of modern dance technique. In addition to technical training, the course will present basic concepts in dance composition—the skill and craft of structuring movement. Students will be expected to create compositional movement studies based on their technique and understanding of modern dance.

Prerequisite: THR 161 (THR 162 or 163 may be substituted)

Fall or spring, 3 credits

THR 262 Ballet Technique and Composition (NEW)

Further development of ballet technique. In addition to technical training, the course will present basic concepts in dance composition—the skill and craft of structuring movement. Students will be expected to

create compositional movement studies based on their technique and understanding of ballet.

Prerequisite: THR 162 (THR 161 or 163 may be substituted)

Fall or spring, 3 credits

THR 263 Jazz Dance Technique and Composition (NEW)

Further development of jazz dance technique. In addition to technical training, the course will present basic concepts in dance composition—the skill and craft of structuring movement. Students will be expected to create compositional movement studies based on their technique and understanding of jazz dance.

Prerequisite: THR 163 (THR 161 or 162 may be substituted)

Fall or spring, 3 credits

THR 264 Movement Awareness and Analysis (REVISED—Formerly THR/DAN 234)

The number has been changed and the DAN course designator eliminated.

THR 337 20th-Century Dance Appreciation (REVISED—Formerly DAN 337)

Only the designator has been changed. The description appears in the *BULLETIN*, p. 161.

THR 349 The Creative Process in the Fine Arts (REVISED)

Prerequisites: One philosophy course; ARH 101 or 102 or MUS 101 or 102 or 119 or THR 101 or 104

THR 361 Modern Dance Technique and Performance (NEW)

Advanced study in modern dance techniques, combining dance training, compositional skills, and performance technique.

Prerequisite: THR 261 (THR 262 or 263 may be substituted)

Fall or spring, 3 credits

THR 363 Jazz Dance Technique and Performance (NEW)

Advanced study of jazz technique, combining dance training, compositional skills, and performance techniques.

Prerequisite: THR 263 (THR 261 or 262 may be substituted)

Fall or spring, 3 credits

THR 364 Choreography (REVISED—Formerly THR/DAN 334)

The number has been changed and the DAN course designator eliminated.

THR 400 Performance Dance Ensemble (NEW)

Concentrated development of dance technique and performance skills through rehearsal and presentation of choreography. May be repeated once.

Prerequisites: THR 261 or 262 or 263; audition

Fall and spring, 3 credits

Special Topic for Fall 1992

THR 296 Special Workshop in Design and Technical Theatre: Mask Making

Basic mask-making techniques; papier mache, plaster gauze, fabric, and felt.

Fall 1992, 3 credits

(L. Arthur)

Women's Studies

Prime Time Discussion and Academic Advising

"Backlash Against the Women's Movement: The Effects on Students"

Thursday, April 9

2 - 4 p.m.

Old Chemistry 115

A brochure with information about the women's studies program is available in Old Chemistry 105. It points to the courses with and without WNS or WNH designators that are acceptable for the minor.

The women's studies program has three internship possibilities under WNS 488 for fall; work on Women's History Month; work with the National Organization for Women; and work with campus date rape peer education program.

Revised Minor Requirements

Students may use either *WNS/SSI 102 Introduction to Women's Studies in the Social Sciences* or *WNH 103 Introduction to Women's Studies in the Humanities* for requirement 1.

WNS 102 Introduction to Women's Studies in the Social Sciences (REVISED)

Material in this course will be restricted to the social sciences.

WNH 103 Introduction to Women's Studies in the Humanities (NEW)

A general introduction to women's studies in the humanities and to interdisciplinary feminist thought. The course considers a number of different academic disciplines, particularly those most relevant to feminist work in the humanities and examines the contribution of women's studies in various fields in the humanities.

Spring, 3 credits

WNS 121 Library Skills for Research in Women's Studies (NEW)

An introduction to basic library skills and bibliographic resources for research in women's studies, using a workbook and workshop approach. Reference and other library materials of special interest to women's studies minors are covered, with an emphasis on the interdisciplinary nature of the field. Such topics as the efficient use of the on-line catalog, bibliographies, computerized sources, and specialized reference titles are treated. Workshop sessions are held throughout the semester.

Prerequisite: WNS/SSI 102 or WNH 103 or WNS 180 or 6 credits in other courses

satisfying the women's studies minor
Spring, 1 credit

WNS 204 Intimate Relationships (NEW)

The dynamics of forming, maintaining, and dissolving intimate relationships; attention is focused on dating, partner selection, sexuality, marriage, divorce, and remarriage. Crosslisted with SOC 204.

Fall and spring, 3 credits

WNS 247 Sociology of Gender (NEW)

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 2. Crosslisted with SOC 247.

Fall and spring, 3 credits

WNS 275 Black Women and Social Change: A Cross-Cultural Perspective (NEW)

A cross-cultural survey of the history of black women in the context of the struggles for social justice in the Caribbean (English- and Spanish-speaking), Africa, and the United States. Several major topics will be covered: the slave resistance and the anti-slavery movement; the anti-colonial struggle in Africa and the Caribbean; the trade union movement in the United States and Africa; the struggle against underdevelopment in Cuba, Puerto Rico, and Jamaica; and the anti-apartheid movement in South Africa. Crosslisted with AFS 275.

Spring, 3 credits

WNH 276 Women and Literature (NEW)

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 in English as the subject matter varies. A core course satisfying Humanities and Fine Arts Category C. Crosslisted with EGL 276.

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

Fall or spring, 3 credits

WNH 284 Introduction to Feminist Theory (NEW)

The social construction of gender and how this construction affects philosophical thought and practices. The course will provide an introductory survey of current feminist issues and analyses. It will also examine the meaning of feminism for philosophy—the effect of introducing a political analysis of gender into a discipline that is supposedly universal and neutral. Crosslisted with PHI 284.

Prerequisite: Sophomore standing or one course in philosophy or women's studies

Fall or spring, 3 credits

WNS 304 Sociology of the Family (NEW)

A historical and cross-cultural analysis of the family as a major social institution in society; the demography of contemporary American families; selected policy issues involving the family. Crosslisted with SOC 304.

Prerequisites: SOC 105 or 106 or 301 or 305; two other courses in the social sciences

Spring, 3 credits

WNS 316 The Healer and the Witch in History (NEW)

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. Crosslisted with HIS 316.

Spring, alternate years, 3 credits (not offered in 1993-94)

WNS 360 Women in Premodern Europe (NEW)

An examination of the position of women in European society from ancient Greece through the Italian Renaissance. The course will emphasize women in the European Middle Ages—their roles in marriage and the economy, their relations with the Christian church, their significance in cultural forms such as courtly love. A core course satisfying Social and Behavioral Sciences Category A, Group 2. Crosslisted with HIS 360.

Alternate years, 3 credits (not offered in 1993-94)

WNS 371 Gender and Work (REVISED)

Gender differences in work force participation and occupational attainment, with an emphasis on the United States. Will cover such topics as historical changes in work force participation; economic, legal, and social factors affecting employment; career options; and pay equity. Readings and lectures will focus on the historical and contemporary experience of American men and women, including differences by ethnicity and class. Crosslisted with SOC 371.

Prerequisites: WNS/SSI 102 or WNH 103 or SOC 105 or 106 or 301 or 305; two other courses in the social sciences

WNH 384 Advanced Topics in Feminist Philosophy (NEW)

An intensive philosophical study of selected topics of feminist concern. Topics are selected to further the understanding of what effect feminism has upon the traditional tenets of philosophy, such as universality and truth, as well as providing a detailed understanding of particular feminist theories. A core course satisfying Humanities and Fine Arts Category C.

Crosslisted with PHI 384.

Prerequisite: One course in philosophy; one course in women's studies; PHI 284 recommended

Schedule to be announced, 3 credits

WNS 387 Women, Development, and Revolution in Latin America (NEW)

Gender relations in Latin America, particularly in contemporary societies undergoing rapid social, economic, and political change. The course considers women, work, and family in historical perspective as well as the impact of agrarian change, migration, and industrialization on women. A major focus will be on women in political protest and revolution. A core course satisfying Social and Behavioral Sciences Category A, Group 2, and Study of Another Culture. Crosslisted with HIS 387.

Prerequisite: One course in history, preferably Latin American history, or in women's studies

Alternate years, 3 credits (not offered in 1992-93)

WNS 391, 392 Special Topics in Women's Studies (REVISED)

Prerequisites: WNS/SSI 102 or WNH 103 or WNS/SSI 180 or six credits from courses that satisfy requirements for the women's studies minor

WNH, WNS 401, 402 Seminar in Women's Studies (REVISED)

Prerequisites: WNS/SSI 102 or WNH 103 or WNS/SSI 180 or six credits from courses that satisfy requirements for the women's studies minor; at least one other course specified when the topic is announced

Special Topics for Fall 1992**WNS 391 Special Topics in Women's Studies: Feminist Issues of the 1990s**

See Social Sciences section for description.

Prerequisites: 18 credits in the social and behavioral sciences, including WNS/SSI 102 or WNS/SSI 180 or six credits from social and behavioral sciences courses that satisfy women's studies minor requirements

(J. Wishnia)

WNH 401 Seminar in Women's Studies: Lifestyles: Literary Reflections of Lesbian, Straight, and Bisexual Women Writers of the 19th and 20th Centuries

An examination of the impact of lifestyle and sexual preference upon women's literary imaginations, through study of 19th- and 20th-century lesbian, heterosexual, and bisexual women's writings.

Prerequisites: WNS/SSI 102 or WNS/SSI 180 or WNH 103; one course in literature at 200 level or higher

(L. Koplewitz)

WNS 401 Seminar in Women's Studies: Social Issues in Human Reproduction

Discussion of a variety of issues over the range of the reproductive process, from condom distribution in high schools, in vitro fertilization, and abortion to transracial adoption. Course material will include physiological, psychological, and sociological information about these issues, as well as some recent social history. *Prerequisites:* WNS/SSI 102 or WNH 103; one course in one of the social sciences that satisfies requirements for the women's studies minor

(S. Sternglanz)

College of Engineering and Applied Sciences

Notice to All College of Engineering and Applied Sciences Majors (AMS, CSE, ISE, ESC, ESE, ESG) Regarding Revised Academic Standards

Refer to the chart in the General Academic Information section of this *Supplement*. The revised quantity and quality standards are applicable to all new students—freshman and transfer—matriculating in 1991-92.

Notice to All Engineering Majors (ESC, ESE, ESG) Regarding Technical Electives

Updated information on approved technical electives for each major is available in the department offices. Electrical engineering's current list is included in the department's Undergraduate Guide, available in Light Engineering, 265. The engineering science list may be picked up in Engineering 314. Mechanical engineering majors will find a current list of approved technical electives in Light Engineering 113.

Applied Mathematics and Statistics

Prime Time faculty advising hours are posted outside Mathematics P-139.

AMS 362 has been deleted from the curriculum.

AMS 303 Finite Mathematical Structures B (REVISED—Formerly AMS 350)

Both the number and title have been changed.

AMS 323 Applied Multivariate Calculus (NEW)

Vectors, directional derivatives, vector fields and surfaces; implicit functions; Lagrange multipliers; multiple integration and Jacobians; transforms and elements of complex variables; Taylor's expansion in

one and two dimensions. Not for credit in addition to the discontinued AMS 362.

Prerequisites: AMS 210 or MAT 221 or 231 or 241

Fall and spring, 4 credits

AMS 326 Numerical Analysis (REVISED)

Prerequisites: AMS 210 or MAT 221 or 231 or 241; programming experience in Pascal, FORTRAN, or C

AMS 342 Operations Research II: Stochastic Models (REVISED)

Prerequisites: AMS 210 or MAT 221 or 231 or 241; AMS 311

AMS 351 Applied Algebra (REVISED—Formerly AMS 302)

Only the number has been changed.

Computer Science

Prime Time faculty advising hours are posted at the entrance to the Computer Science Department, Computer Science Building 1400. See also *Information Systems*, below.

CSE 301 has been deleted from the curriculum.

CSE 112 Fundamentals of Computer Information Systems (NEW)

Crosslisted with ISE 112. See Information Systems section for description.

Fall and spring, 3 credits

CSE 114 Computer Science I (REVISED)

Prerequisites: CSE 106 or prior Pascal programming experience; grade of C or higher in CSE/ISE 112 or CSE 113 or passing the proficiency examination for CSE 113

CSE 230 Introduction to C and UNIX (NEW)

A systematic introduction to the principles and practice of programming in the C

language. The course will cover control structures, expressions, data types and structured data, functions, and parameter passing. Emphasis will be placed on writing C programs that follow structured programming principles. Aspects of the UNIX operating system relevant to developing C programs (utilities, systems calls, standard libraries) will also be covered.

Prerequisite: CSE 114 or one year of programming experience

Fall and spring, 3 credits

CSE 302 Software Engineering (REVISED)

Crosslisted with ISE 302.

CSE 305 Principles of Database Systems (REVISED)

The design of database management systems to obtain consistency, integrity, and availability of data. Conceptual models and schemas of data: relational, hierarchical, and network. Students will undertake a semester project that includes the design and implementation of a database system. Crosslisted with ISE 305.

Prerequisites: CSE 120 and 201

4 credits

CSE 333 Introduction to User Interface Development (NEW)

Survey of user interface systems, including topics such as: command language, windowing, multiple input/output devices, architecture of User Interface Management Systems, and tool kits for designing user interfaces. Additional topics may include: human factors, standards, and/or visual languages. Students will participate in a project involving the design and implementation of a user interface system. Crosslisted with ISE 333.

Prerequisites: CSE 201; PSY 103 or 104 recommended

Fall or spring, 3 credits

Electrical Engineering

Prime Time Discussion: "Information on Electrical Engineering for Non-EE Majors"

Tuesday, April 14
Noon - 1 p.m.
Light Engineering 202

Prime Time faculty advising hours are posted outside Light Engineering 265.

Revised Major Requirements

The new course AMS 323 may be substituted for AMS 362 in the 1. Mathematics requirement.

ESE 211 Engineering Laboratory I: Electrical Circuits and Electronics (REVISED—Formerly ESG 211)
Only the designator has been changed.

ESE 305 Systems and Signals (REVISED)
Pre- or corequisite: ESG 271

ESE 324 Engineering Experimentation: Electrical Engineering (REVISED—Formerly ESG 315)
Only the designator and number have been changed.

ESE 340 Basic Communication Theory (REVISED)
Prerequisites: ESG 271; ESE 305

ESE 347 Digital Signal Processing (REVISED)

Covers both theory and implementation on signal processing chips. Topics include a review of discrete time systems, sampling and reconstruction, FIR and IIR filter design, FFT, architecture and assembly language of a basic signal processing chip, and an introduction to adaptive filtering.

Prerequisite: ESE 305
4 credits

Information Systems

Prime Time Discussion: Revised Information Systems

Curriculum and Careers in Information Technologies

Monday, April 13
1 - 2 p.m.
Javits Lecture Center 103

Students interested in the information systems major should see Professor Badr, Computer Science Building 1430, or call 632-8472 to make an appointment. A sample program is available from Professor Badr.

Revised Requirements for Acceptance into the Major

Currently enrolled students may be accepted into the major after completion of ISE/CSE 112, CSE 106, MAT 131, and ECO 101 each with a grade of C or higher, and a minimum cumulative G.P.A. of 2.6. Students not meeting the grade point average requirement may petition the department for admission.

Revised Major Requirements

Completion of the major entails approximately 70 credits.

A. Information Systems/Computer Science Courses:

1. CSE 106, ISE/CSE 112, CSE 114, 120, 201
2. ISE/CSE 302, 305
3. ISE 310, 440, 441
4. Twelve credits chosen from the following CSE and ISE courses:
CSE 306, 307, 328
ISE/CSE 333
ISE 315, 390, 487, 488

B. Mathematics Courses:

1. MAT 131 (or MAT 133, 141, or 126)
2. AMS 210 and 310 or AMS 201 and ECO 320

C. Economics and Business Courses:

1. ECO 101 or 104
2. ECO/PAM 114
3. One course chosen from: ECO/PAM 214; ECO 368, 389; EST 392; PAM 346 or EST 393; PAM 349
4. One course chosen from PAM 348; POL 361 or ECO 345; PSY 313; SOC 383
5. One course chosen from EST 302, 325; PAM 340

D. Upper-Division Writing Requirement

See 1991-93 BULLETIN, P. 203

ISE 112 Fundamentals of Computer Information Systems (NEW)

An introduction to fundamentals of computer science and information technologies for information systems, engineering or science majors, and computer science minors. Topics include: principles of computer systems; algorithms; problem-solving techniques; and an introduction to the UNIX operating system. This course is designed to be taken concurrently with a computer programming course. Crosslisted with CSE 112.

Prerequisites: MAT 123 or passing the Mathematics Placement Examination at level 4 or higher; previous experience with computers

Corequisite (recommended): CSE 106 or 111

Fall and spring, 3 credits

ISE 302 Software Engineering (NEW)

Crosslisted with CSE 302. See CSE 302 listing in BULLETIN, p. 205.

ISE 305 Principles of Database Systems (NEW)

Crosslisted with CSE 305. See Computer Science section for description.

ISE 310 Data Communication and Networks (REVISED)

Prerequisites: CSE 120 and 201

ISE 315 Database Transaction Processing Systems (REVISED)

Only the title has been changed.

ISE 333 Introduction to User Interface Development (NEW)

Crosslisted with CSE 333. See Computer Science section for description.

ISE 390 Special Topics in Information Systems (NEW)

Lecture or seminar course on a current topic in information systems, to be announced and described before the start of the semester of offering. May be repeated as topic varies, but cannot be used more than twice to satisfy the ISE major requirements.

Prerequisites: ISE or CSE major; upper-division standing

Schedule to be announced, 3 credits

ISE 475 Undergraduate Teaching Practicum (NEW)

Students assist faculty by conducting a recitation or laboratory section including teaching, grading, and consulting (3 credits), or by assisting students with homework and laboratory assignments (1 credit). The student will receive regularly scheduled supervision from the faculty advisor. May be used as an open elective only and repeated up to a maximum of seven credits.

Prerequisites: Senior standing as an undergraduate CEAS major; a minimum G.P.A. of 3.0 in all Stony Brook courses; grade of B in the course in which the student is to assist; or permission of department

Fall and spring, 1 or 3 credits

ISE 487 Research in Information Systems (NEW)

An independent research project with faculty supervision. Only three credits of research electives (AMS 487, CSE 487, ESC 499, ESE 499, ESM 499, EST 499, ISE 487) may be counted toward engineering technical elective requirements. May not be taken for more than six credits and, if taken for three or more credits, cannot be used more than once as an elective to satisfy ISE major requirements.

Prerequisite: Permission of instructor and department

Fall and spring, 1 to 6 credits

ISE 488 Information Systems Internship (NEW)

Participation in local, state, national, or international private enterprises, public agencies, or nonprofit institutions. Students will be required to submit a written proposal, progress reports, and a final report on their experience to the client and to the department. Satisfactory/Unsatisfactory grading only. May be repeated up to a limit of 12 credits but cannot be used more than once as an elective to satisfy ISE major requirements.

Prerequisites: ISE major; upper-division

standing; permission of faculty sponsor, department, and Office of Undergraduate Studies

Fall and spring, 3 credits

Materials Science and Engineering

Prime Time Open House and

Discussion: "Update on Engineering Science" and "The New Minor in Materials Science"

Wednesday, April 8

3 - 4 p.m.

Engineering 301

Refreshments served in the Department Lounge, across the hall from 301

Prime Time faculty advising hours are posted outside Engineering 314.

Revised Requirements for the Engineering Science Major

Only the three requirements listed below have been revised. Requirements 2, 3, 5, and 7 are unchanged.

1. Mathematics:
MAT 131, 132, 221; AMS 361
[b. AMS 362 has been deleted from the requirements.]
4. Engineering Science Core Program: ESG 312; ESM 350, 450; and the following nine courses:
Materials Science and Engineering—ESG 302, 332, 333, 339
Electrical Engineering—ESG 271, 372
Mechanical Engineering—ESG 260, 262, 363
6. Engineering Specialization and Technical Electives:
Five technical electives are required and must include any two of: ESC 310, 410; ESE 318, 380; ESM 334.
The remaining three courses must be chosen from the list of approved technical electives made available to all students in the major.

New Minor in Materials Science

The Department of Materials Science and Engineering offers a new minor in materials science. The sequence of courses included in the minor provides a firm background for students seeking employment in the materials science industry or those who will pursue graduate study in related fields. There are two versions of the minor: one for students enrolled in B.S. degree programs (e.g., physics and chemistry) and one for those enrolled in B.E. degree programs. (B.E. students should see the faculty advisor in their engineering major for approval before declaring the materials science minor.)

For B.S. degree students, six courses with a grade of C or higher in each:

1. ESM 216
2. Two of ESG 332, 333, 339
3. Two of ESM 325, 334, 335, 355
4. ESM 488

For B.E. degree students, six courses with a grade of C or higher in each:

1. ESM 216
2. ESM 325, 334, 335, 355
3. ESM 488

ESM 216 Materials in Art, Design, and Technology (NEW)

The historical roots of modern art and technology based on natural and artificially formed materials are explored. The course will consider how artistic, societal, political, and technological developments are tied to the economics, properties, and availability of materials. Faculty and other experts provide an overview of the sources and uses of materials, ranging from the fine arts and industrial design to biomedical applications and high performance engineering systems.

Fall; 3 credits

ESM 353 Biomaterials: Manufacture, Properties, and Applications (NEW)

The engineering characteristics of materials, including metals, ceramics, polymers, composites, coatings, and adhesives, that are used in the human body. Emphasizes the need of materials that are considered for implants to meet the material requirements specified for the device application (e.g., strength, modulus, fatigue and corrosion resistance, conductivity) and to be compatible with the biological environment (e.g., nontoxic, noncarcinogenic, resistant to blood clotting if in the cardiovascular system).

Prerequisite: ESG 332

Spring, 3 credits

ESM 450 Phase Changes and Mechanical Properties of Materials (REVISED)

Prerequisite: ESG 332

ESM 488 Cooperative Industrial Practice (NEW)

A design engineering course oriented towards both research/development and manufacturing technology based on actual industrial programs carried out cooperatively with companies established as university incubators or with regionally located organizations. Supervised by a committee of faculty and industry representatives to which students will report.

Prerequisite: Permission of department
Fall and spring, 3 credits

Mechanical Engineering

Prime Time Open House: Special Advising for a Change of Major to Mechanical Engineering

Thursday, April 9

1:30 - 3:30 p.m.

Light Engineering 107

Prime Time faculty advising hours are posted outside Light Engineering 113.

ESC 202 Introduction to Technical Drawing and Computer-Aided Drafting (NEW)

Introduces methods used to communicate design ideas* through the techniques of freehand technical sketching and computer-aided drafting of engineering drawings.

Prerequisite: ESC major
Spring, 1 credit

ESC 210 Introduction to Numerical Methods for Engineering Design (REVISED)

Introduces fundamental concepts of engineering design and defines quantitative models of engineering problems. Includes functional variables and cost-performance trade-offs as well as application of computers and numerical methods to perform design trade-off studies. Also introduces probability and statistics with application to engineering problems.

ESC 259 Particle and Rigid Body Mechanics (REVISED—Formerly ESG 259)

Only the designator has been changed.

ESC 301 Thermodynamics (REVISED—Formerly ESG 301)

Only the designator has been changed.

ESC 325 Manufacturing Processes (NEW)

The course emphasis is on the relationship between product design and manufacturing. Material properties and influence. Introduction to traditional and non-traditional manufacturing processes, their capabilities and limitations. Measurement inspection, reliability, and quality control. Economic impact of modern process engineering.

Prerequisite: ESG 332

Spring, 3 credits

ESC 317 Engineering Experimentation: Mechanical Engineering (REVISED—Formerly ESG 317)

Only the designator has been changed.

ESC 326 Design of High Performance Mechanical Systems (NEW)

The process of design and performance evaluation of high performance computer-controlled mechanical systems. Introduction to the use of modern materials such as composites and ceramics, and components such as high force (torque) motors, sensors, and industrial controllers; design and performance considerations; and vi-

bration and control problems and solution methods. Computer-aided design, modeling, and simulation techniques.
Prerequisites: ESC 410, 411, and 412
Spring, 3 credits

ESC 350 Energy Conversion and Alternate Energy Technologies (REVISED)
 Energy conversion principles, principal energy sources, and energy storage systems. Production technologies of useful energy and useful work with emphasis on technologies based on energy sources other than fossil or nuclear fuels including direct energy conversion technologies (fuel cells, batteries, hybrid electric vehicles, and MHD generators), solar energy (solar thermal energy and photovoltaics), and wind energy.

ESC 364 Introduction to Fluid Mechanics (REVISED—Formerly ESG 364)
 Only the designator has been changed.

ESC 394 Fluids and Heat Transfer (REVISED)
Prerequisites: ESG 317; ESC 305

ESC 488 Mechanical Engineering Internship (NEW)
 Participation in off-campus engineering practice. Students will be required to submit to the department a proposal at the time of registration and two term reports before the end of the semester. May be repeated up to a limit of 12 credits. Satisfactory/Unsatisfactory grading only.
Prerequisite: Permission of department and Office of Undergraduate Studies
Fall or spring, 3 or 9 credits

Technology and Society

Prime Time faculty advising hours are posted outside Engineering 210.

EST 302 Assessment of Computer-Based Technologies (NEW)
 Methodologies for assessing the impact of computer-based technologies on economics, decision making, division of labor, and societal issues such as privacy and ethics. Frameworks for assessing technologies, as well as applications of standard approaches such as benefit-cost

analysis. Case studies drawn from robotics, banking, automation in the U.S. postal system, and other areas.
Prerequisite: EST/CSE 100 or any CSE course
Spring, 3 credits

EST 320 Communication Technology Systems (REVISED)
 Emphasizes basic science and engineering concepts underlying design and usage of modern telecommunications systems. Considers effects of human factors and societal constraints on design and development of nascent technological systems. Includes the electromagnetic spectrum, analog and digital signals and resonance as well as societal considerations of government regulations, international competition, and environment.

EST 370 Nuclear Proliferation: Technology and Politics (REVISED)
Prerequisites: POL 101; one year of natural science including at least one Category A course; upper-division standing

W. Averell Harriman School for Management and Policy

Prime Time
 Thursday, April 16
 9 a.m. - 5 p.m.
 Harriman Hall 102

A brochure with information pertaining to Fall 1992 courses is available in Harriman Hall 103.

The Harriman School minor has been retitled; it is now business management.

Revised Major Requirements
 Completion of the major requirements entails 46 to 52 credits.

A. Required Courses

- Data Management:** PAM 340; AMS 310 or ECO 320 or PSY 322
- Modeling for Managers:** AMS 201; PAM 349
- Operations Management:** PAM/ECO 114; PAM 346
- Finance:** ECO 303; ECO 389

- Human Resources:** One of the following: PAM 347; PAM 351; PSY 309; PSY 313; SOC 381

- Business Environment:** PAM 440; POL 261

- Strategic Management:** PAM 348; PAM 441

B. Electives

Select one of the following elective groups:

- Economics and Finance.** Three of the following: ECO 305, 321, 325, 326, 360, 368, 370, 383, 387; PAM 339
- Organizational Theory and Behavior.** Two of the following, in addition to course chosen in Group A.5: PAM 339, 347, 351; POL 364; PSY 313; SOC 381, 383
- Labor Markets and Human Resources.** Two of the following, in addition to course chosen in Group A.5: ECO 237, 318, 337, 342; PSY 309; SOC 370, 371

- Operations and Technology.** Two of the following: AMS 341, 342; CSE 301, 305; EST 305, 392

- Language and International Commerce.** One of the following groups: France—FRN 320, 390; Italy—ITL 320, 390; Germany—GER 200, 388; Spanish America—SPN 303, 392

C. Upper-Division Writing Requirement

All undergraduate majors in the School must demonstrate their ability to communicate ideas related to business and management in written English. Majors fulfill this requirement by obtaining their Harriman faculty advisor's evaluation of S (Satisfactory) on a portfolio of written work comprising four documents: (1) a resume; (2) a letter of application for a real job advertised in a newspaper or other medium; (3) a memorandum describing the results of an analysis or similar topic appropriate to a business organization; (4) a report that relates to business.

Work on the portfolio should begin in the first semester of the junior year, and

the requirements must be completed during that year.

Note: Students are advised in planning the time required to complete the major that many elective courses in business management have substantial prerequisites not explicitly required for the major.

PAM 339 The Nonprofit Sector: Institutions, Policy, and Practice (NEW)

An examination of the legal regulations that define the nonprofit sector, its magnitude, its scope, and policy issues such as the effect of government actions on charitable giving and revenue accumulation in the form of sales, business activity, and fund raising. A comparison of labor markets and firms in the nonprofit and for-profit sectors will be made.

Prerequisite: ECO 101

Spring, 3 credits

PAM 340 Management Information Systems (NEW)

An introductory course in Management Information Systems (MIS). Its objectives are to develop a basic understanding of the concepts and techniques needed in analyzing, designing, and managing these systems, and to explore the applications of computers and information technology to improve the efficiency and effectiveness of individuals, groups, and organizations.

Prerequisites: AMS 102; ECO 101; MAT 123 or higher; BUS major or minor

Fall and spring, 3 credits

PAM 348 Principles of Marketing (NEW)

The fundamentals of a marketing organization—product, price, distribution, and communication strategies—are presented with regard to organizational design, media usage, consumer research, public relations, and personal selling. To understand how marketing executives analyze and influence their organizations, students will examine actual case material.

Prerequisite: PAM/ECO 114

Fall and spring, 3 credits

PAM 349 Management Science (NEW)

An introduction to modelling in management and policy analysis. The course will treat the basic concepts of management science and offer different models in quantitative decision making, demonstrating the applicability of such models in business. Not for credit in addition to ECO 348.

Prerequisites: ECO 303; BUS major or minor

Fall and spring, 3 credits

PAM 475 Undergraduate Teaching Practicum I (NEW)

Each student will conduct a regular recitation or problem section that will supplement a regular business management course. The student will receive regularly scheduled supervision from the instructor. Responsibilities may include preparing material for discussion and helping students with problems. Satisfactory/Unsatisfactory grading only.

Prerequisites: Upper-division standing;

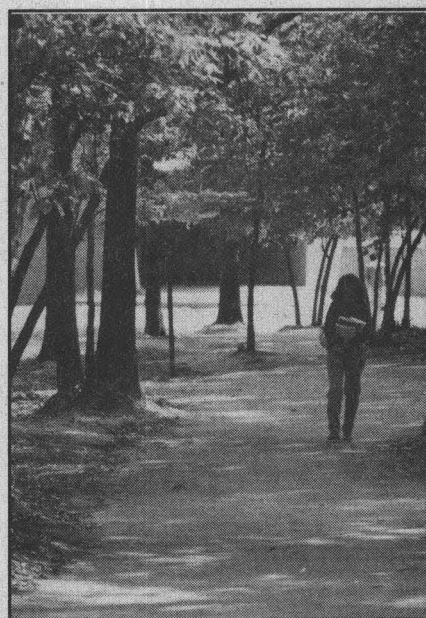
permission of Harriman School
Fall and spring, 3 credits

PAM 476 Undergraduate Teaching Practicum II (NEW)

The continuation on a more advanced level of training in the techniques of organization and management in the teaching of business management courses. Students will be expected to assume greater responsibility in such areas as leading discussions, doing preliminary analysis and evaluation of test scores and papers, and observing teaching. Students may not serve as teaching assistants in the same course twice. Satisfactory/Unsatisfactory grading only.

Prerequisites: PAM 475; permission of Harriman School

Fall and spring, 3 credits



Health Sciences Center

Allied Health Professions

Prime Time Events

Medical Technology Information and Advising Session

Wednesday, April 8

2 p.m.

Health Sciences Center, Level 2

Room 052

Physician's Assistant Information Session

Tuesday, April 7

Noon

Health Sciences Center, Level 2

Room 052

Physical Therapy Information Session

Wednesday, April 15

2:30 p.m.

Health Sciences Center, Level 2

Room 052

For additional information, call Karen Mendelsohn, Assistant Dean for Student Affairs, 444-2252

Nursing

Prime Time: Advisement for a Nursing Career

Wednesday, April 8

3 p.m.

School of Nursing, Health Sciences Center, Level 2

Room 215

Social Welfare

Prime Time: "Social Work: An Opportunity to Make a Difference"

Thursday, April 16

Noon - 1 p.m.

School of Social Welfare, Health Sciences Center, Level 2

Room 105

Marine Sciences Research Center

Prime Time Advising

The Marine Sciences Curriculum

Wednesday, April 15

Noon

Stony Brook Union

Room 214

PROGRAM PLANNING WORKSHEET

55 MINUTE PERIODS

80 MINUTE PERIODS

HOUR	MONDAY	WEDNESDAY	FRIDAY		HOUR	TUESDAY	THURSDAY
8:20 - 9:15				<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">SATURDAY</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">9:00</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">NOON</div> <div style="border: 1px solid black; padding: 5px;">ALTERNATIVE TIMES</div>	8:30 - 9:50		
9:25 - 10:20					10:00 - 11:20		
10:30 - 11:25					11:30 - 12:50		
11:35 - 12:30					1:00 - 2:20		
12:40 ^{MF} - 2:00		CAMPUS LIFETIME 12:40-2:10			2:30 - 3:50		
2:20 - 3:15					4:00 - 5:20		
3:25 ^{MW} - 4:45					6:00 - 7:20		
5:00 - 6:20					7:30 - 8:50		
6:30 ^{MW} - 7:50							
8:00 ^{MW} - 9:20							