ADVISING: Academic Program

DIVISIONS:

Each division marks a stage in the student's progress toward understanding and mostery of the subjects chosen for study and each has its own distinctive purposes and procedures.

UVISION 1. The Division of Baric Studies incredence students of the size and exchange of likes described in the Burnshite of the chief carternal increase operforms that the size of the s

There are special programs designed sepecially for students new to Hampshite College, including Division 1 proseniants offered by faculty in all four schools. For further information, see the special section on Proseniants.

DIVISION II: In the Concentration, the student develops a program of student is now or once fields while continuing finality activate which they want to explore the students determine with that it concentrations, and design a program of studies, with they will be concentrations, and design a program of studies, within one or the studies of the four studies of the work done in the Concentration of the work done in the Concentration of the work done in the Concentration of the work of the summer of into work of the summer of into work of the work of the

<u>PULISTOR III</u>: The Division of Mormond Studies accorded and attenders with absorbed studies for in their closes fitted and attenders with absorbed of studies for their studies contained as the fitted for the studies of their s

Bapphice College courses are durded into active levels, or (Explorators) and 200 (Femaletta) lovel courses are open to all students. 300 (Adomecédules tent courses a designates. 300 (Adomecédules repetito previous background, stietly course luteius activities previous background, stietly course luteius are explained as follous:

- On Exploratory courses (often seminars) designed to incredes subments to the conceptual tools necessary to college over in general and the Marphala sportful semantantion process in particular. The semantantion of the college over the semantantion of the college over the college opening and the college over the college of the college over the co 9
- D. Foundational courses whose subject natter is needed by actions in any distillar. These can be 'Mailla courses' (strictistion, computer programming, or dance terminque); layer can be introduction terminque); layer can be designed to convey a terminque for it intends to conventual to fit it, will call to conventual they can be 'ferminated mancages which persons the conventual to be 'ferminated mancages which are like cally presengated to conventual to a convert a body of cantral theory can be designed to conventual to a cover a body of cantral theory can be designed to convert a body of cantral theory can be designed. . 00:
 - Advanced seminars and courses which are taught on an advanced level and presume some background of experience and knowledge on the part of the student. 300

New students at Numphile are assigned to an advisor from reduced or first School for extendent and other assignment on the first students of courses and other assignments and other assignments and advisors. If this initial an example or Domigital attiferency and entering a relatively assign a proper agreement of the Assignment of the

The Options Office offices shallow and satisfaction in the arread overly and study abroad replaced sphered. The Student Advising Context, the Whole Meeting and study abroads. The Student Advising Context, the Whole Wessel Schotter, and the Third Merid Advising Context are United World Advising Context are United World Advising Context are United World Advising Context and Edvision Veneza and Edvision II. and IIII contracts, as well as for more general and Edvision II. and IIII contracts, as well as for more general and the cohort collages in the Valley.

Registration

Check the centre descriptions and schoduls of classes incomply for entrolleme resolutes. Some converse still nod lexertles the first day of classes; collects all atther may also upon basis or intervelses, where specified. Some faculty was proup about to intervelses, where specified. Some faculty or sup-up about to citatis however, all desulty all have office hours posted for some time to be available for intervelved (duere outcillent is limited) prior to the beginning of classes.

After arcanding classes for a week, you should be ready to dredge in which comes you that to be carefulled. You will be capticed to list; the classes on a form to be saked to be your architon. You must sake this form to central record by Nanday, September 72. Thuy it list where the sake that the conditions of the classe fissts for faulty. Thuy all not these fact that the class sets for faulty.

Pive College, interchange applications are available at Cental Records. The same the Ara Completely [little on the Law ball the accessary signatures; if they are incomplete iffect your to be returned to be returned to you combine dealing the about the ability to get into a patitionar course. To see the complete for filling interchange applications is Frieds; see Emaility to get into a patitionar course. To see when 21. We filled for college courses may be added after and possible maintaine province (with all the Chiles, reputations that passible contains and possible of the college course and the complete in the Student Bandbook and it is your capacity to be aware of Foas.

Independent Study Porms are available at Central Records. They should be completed during the first two weeks of $\hat{V}_{\rm tot}^{\rm M}$ term 1984.

IF YOU HAVE ANY QUESTIONS REGARDING THIS PROCEDURE, PLEASE CONTACT CRITICAL RECORDS, EXTENSION 421.

NOTE TO PLVE COLLEGE STUDENTS:

Impublic College courses require different modes of encolment of personal properties of institution of the course of the college of class metrified the class of the control of the course of the cour

Grades will be offered to interchange students where otherwise need in the course description. Microkiange students should degause this with the instructor during the first week of classes.

Although Fluc College students may partitipate in lotteries, they are still responsible for filing the Fluc College interchange form at their own school.

Schedule of Classes on Pull-Out Centerfold

PIVE COLLEGE JOINT FACULTY OFFERINGS

PACUTLY BIOCRAPHIES SCHEDULE OF CLASSES

Please note: a supplement to this Course Guide will be issued at matriculation is September listing all additions and edictions of courses, changes in class schedules, and course revisions. Please confirm your initial selections using this

supplement

Thurs Jan 24 - Sat Jan 26

Roccas between terms Last day of classes Commencement

> 23 53 54 56

FOREIGN LANGUAGES/LANGUAGE STUDIES

THIRD WORLD LAW PROCRAM

Thurs Jan 3

Wed Jan 2 Wed Jan 23

Sat Jan 19

Non Dec 3 Fr1 Dec 14 Mon Dec 17 - Fr1 Dec 21 Fr1 Dec 21 - Wed Jan 2 Wed Nov 21 - Sun Nov 25 Mon Nov 26 - Fri Nov 30

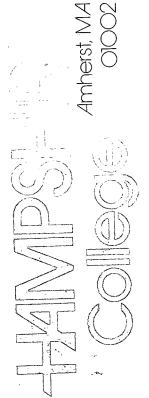
Hon Nov 12 - Fri Nov 16

Tues Oct 30

Fri Nov 9

Tues Nov 13

all 1984 course guide



Preliminary Courses Spring Term 1985

Ø
Ħ
2
45
Ħ

Calendar

	-	
RECISTRATION AND COURSE SELECTION	FALL TERN 1984	
HAMPSHIRE COLLEGE ACADIMIC PROGRAM	New Faculty Orientation	Thurs Aug 30
REGISTRATION DATES AND CALENDAR	1 Orientation Week	Mon Sept 3 - Sept 8
CURRICULUM STATEMENTS, BY SCHOOL.	2-3 Students arrive Now/returning students	ton sept a
LIST OF COURSES, BY SCHOOL	2-3 matriculation	Non Sept. 3/ Tues Sept. 4 Wed Sept. 5
COURSE DESCRIPTIONS	Classes begin	Non Sept 10
SCHOOL OF COMPUBLICATIONS AND COCNITIVE	Five College add deadline	Fri Sept 21 Non Sept 10 - Fri Sept 21
SCIENCE		Thurs Sapt 20
SCHOOL OF HUMANITIES AND ARTS	5-8 Curriculum day	Fri Sept 28
1000000	8-11 Columbus Day celebration	Mon Oct 8
SCHOOL OF NAIDNAL SCIENCE	October weekend	Fri Oct 12 - Sun Oct 14
SCHOOL OF SOCIAL SCIENCE	11-14 annary term proposal deadline	
	16 advising/exam day	Wed Oct 17

5.20	Students arrive
CURRICULUM STATEMENTS, BY SCHOUL.	New/returning students
2-3	matriculation
	Course interview day
COURSE DESCRIPTIONS	Classes begin
HALLIAGO CON COMPANY	Five College add deadline
SCHOOL OF CONCINICATIONS AND CONSTITUTE	Course selection period
SCIENCE	Advising/exam day
SCHOOL OF HUMANITIES AND ARTS	Curriculum day
11-8	Columbus Day celebration
	October weekend
SCHOOL OF SOCIAL SCIENCE	anuary term proposal deadline
AL PROPERTY OF THE PROPERTY OF	Advising/exam day
DIVISION III INIZONALINE SCHIMMES	Community day
DIVISION I PROSEMINARS	Leave notification deadline
86	Pive College preregistration/
WRITING/READING PROGRAM	advīsing
07	Advising/exan day
OUTDOORS PROCESS	Thanksgiving break
RECREATIONAL ATHLETICS	January term registration
22 22	Advising/exam day
	Last day of classes
BUSINESS AND SOCIETY PROCRAM	Exam/evaluation period
23) STRIFTED CHIRITIES 23	Winter recess
EDUCATION AND CHILD STUDIES 23	JANUARY TERM
contrict entitles 23	
66	January term classes begin
THIRD WORLD	Commencement

C&CSC&CSC&CSC Communications & Cognitive Science Curriculum Statement

Curriculum Statement

Last year the School of Language and Compositionton changed its mase to Communications and Cognitive Science—a mase we feel better describes the curricular range of the School. The describes the curricular range of the School. The second of the School is the S

ting" organism. The field of communications focuses on knowledge and information on a larger scale than the individual mind-it is concerned with the production and control of information in society at large. Communications appecialists explore the ways in which the form and control of the mass social sabpe our beliefs; they are interacted in the effect that media and information technology (such as printing, radio, television, or the computer) have affected our lives, our advantions, and our human nature. Some of our communications faculty are deeply and directly involved in the production of the media—the School has special strengths in calvaliate program and the such as the service of intellectual questions that surround the production of the media—the objects of intellectual questions that surround the production of the media: Who controls the media. Who control at he media. The control is the media is the control is the media. The control is the media is the control is the media. The control is the media is the control is the media. The control is the media is the control is the media is the control is the media. The control is the media is the control is the media is the control is the media is the control in the media. The control is the media is the control is the media is the control in the media is the con

or cause them to "Communications and Cognitive Science is also actively involved in the College-vide Computer Studies program, and the computer is the focus of many of our curricular activities of the Cognitive Science we are interested in the nature familiar or artificial, intelligence, as well as the light that can be shed on mental processing if we think of the mind as similar to a computer in at least some fundamental ways. Within Communications the computer plays a central role in the social transmission and storage of information; it is a vital part of new technologies like interactive cable. Finally, a number of our faculty are concerned with the formal nature of computer languages, the teaching of programming, and the broader social and intellectual implications of the current revolution in computer wage.

List of Courses

THIS OF COULDON	
100 LEVEL	
HUMAN MEMORY CCS 103	Baker-Ward
REASONING: AN INTRODUCTION TO LOGIC CCS 107	Wall
PRIMATE COMMUNICATION (PROSEMINAR) CCS 110	Feinstein
INNATENESS (PROSEMINAR) CCS 111	Weisler
COMPUTERS IN EVERYDAY LIFE: PROBLEMS, ISSUES, AND TECHNIQUES CCS 112	Miller Muller TBA
ELECTIONS IN AMERICA CCS 127/SS 127	Douglas Rakoff
WOMEN AND MORALITY CCS 129	Michaels
VISUAL LITZRACY AND MEDIA CRITICISM CCS 143	Jones
200 LEVEL	
MINIMALIST JOURNALISM CCS 205	Kerr
INTRODUCTION TO COGNITIVE SCIENCE CCS 221	Garfield Stillings Weisler
ISSUES IN BEHAVIORAL DEVELOPMENT CCS 223	Baker-Ward
DATA STRUCTURES CCS 296	TBA
300 LEVEL	
COMPUTER SCIENCE CONCENTRATORS SEMINAR CCS 303/NS 303	Iba
VIDEO PRODUCTION SEMINAR CCS 306	Jones
PHILOSOPHY OF PSYCHOLOGY: METHODOLOGICAL AND ONTOLOGICAL FOUNDATIONS OF COCNITIVE SCIENCE CCS 308	Garfield
MACHINE LEARNING IN PUZZLE SOLVING CCS 317	Ibe
MEDIA CAMPAIGNING CCS 318	Miller

١	ADVANCED SEMINAR ON VISION CCS 319	Stillings
ļ	AUTOMATA THEORY CCS 320	We 11
	PORNOGRAPHY AND THE LAW: IMAGES OF WOMEN AND CHANGING CONCEPTS OF OBSCENITY CCS 341/SS 341	Burns Douglas

For course description see PROSENINAR section in this Course Guide. Division I proseninars are intended primarily for new students; however, enrollemt specalso may be available for more experienced students.

H&AH&AH&AH&AH School of Humanities & Arts Curriculum Statement

Curriculum Statement

Course offerings in the Rumanities and Arts may appear to differ markedly from those arranged at other colleges through departments, and so they do. Each of the great, traditional disciplines of inquiry (English, Ristory, Philosophia and Control of the Great of the Gre

Likewise, our courses often deliberately make connections between the humanities and the Arate, or between one of the visual or performing Arts and another. Thus course in modern drams will focus on the phenomenon of dramatic performance, a course on "Steep Flay" is cortagable by a humanist/Artist and an artist/humanist, and courses are offered combining aspects of film, video, or theater production

100-level offerings address instial questions of the different ways extitat and humaniats (as contrasted, say, with scientists), approach their subjects of study. 200-level courses, as indicated shows, reflect the interplay of the humanities and the arts. 300-level courses are advanced seminars and courses which are taught on an advanced level and presume some background of experience and knowledge on the part of the student. Students who are building their division II comentration should look at both the 200-level and the 300-level courses.

List of Courses

100 LEVEL COURSES	
WAYS OF SEEING HA 105	Hurray
HODERN DANCE I HA 113	TBA Nordstrom
MODERN DANCE 11 HA 114	Nordstrom
SIX SOUTHERN WRITERS: A SENSE OF PLACE? (proseminar)* HA 139	Kennedy
WRITING WORKSHOP HA 141	Berkman
SHORT STORY WRITING MORKSHOP HA 142	Hanley
AMERICAN LANDSCAPES (proseminar)* HA 145	D. Smith
FROM PAGE TO STAGE (proseminar)* HA 150	Cohen
GODS, BEASTS AND HORTALS(proseminar)* HA 152	Heagher
MAN-MADE ENVIRONMENT: PROCESSES OF DESIGN HA 159	Juster Pope
THEMES IN HUMAN DEVELOPMENT: INTINACY AND SOLITUDE (proseminar)* HA 163	Boettiger
INTRODUCTION TO ACTING HA 194	Blair
THEATRE THREE: REHEARSAL AND PERPORMANCE HA 195	Cohen
HAMPSHIRE COLLEGE CHORUS	Kearns
200 LEVEL COURSES	
STUDIO ART CRITICUE	Murray

PAINTING IA 205	Rosenblatt
MAKING PLACES-THE EXPERIENCE OF DESIGN UA 209	Juster Pope
FILM WORKSHOP I NA 210	Revett
STILL PHOTOGRAPHY WORKSHOP I HA 211	Natthews
PHOTOGRAPHY-CRITICAL ISSUES HA 214	Hattheva
HODERN DANCE IV HA 216	Lovell
POETRY WRITING WORKSHOP NA 231	Salkey
PRINCIPLES OF DIRECTING	Bleir
PICTION WRITING WORKSHOP NA 237	Salkey
WRITING RA 240	Payne
THE FICTION OF HISTORY: HISTORICAL TRUTH AND IMAGINATIVE INVENTION IN THE MOVEL AA 243	Harquez
EURIPIDES NA 746	Heagher
HA 246 AMERICAN LITERARY REALISM: MARK TWAIN, HENRY JAMES, STEPHEN CRAME HA 251	Lyon
INTERMEDIATE DANCE COMPOSITION HA 252	Lowe 11
INTRODUCTION TO DANCE AND NOVEMENT EDUCATION IN PRIMARY AND SECONDARY SCHOOLS HA 263	Schwarts
CONTEMPORARY CARIBBEAN FICTION: HA 269	Marques
SHAKESPEARE AND WOOLP HA 271	Kennedy
HER/HIS STORY OF WAR HA 276	Hanley
INTRODUCTION TO TRADITIONAL APRICAN PHILOSOPHY HA 279	Frye
CREATIVE MUSIC: ITS THEORY AND APPLICATION HA 284	Wiggins s
SEMINAR IN ELECTRONIC MUSIC/TAPE COMPOSITION HA 290	Warner
PLAYWRIGHTS WORKSROP RA 299	Cohen
300 LEVEL COURSES	
IMPROVISATION HA 302	Blefr
ADVANCED WRITING SEMINAR HA 305	Payne
GREAT BOOKS SEMINAR HA 307	Lyon
FILM WORKSHOP II HA 310	Ravett
PHOTOGRAPHY WORKSHOP II NA 311	Liebling
FILM/PHOTOGRAPHY III RA 313	Liebling
CREATIVE MUSIC-ADVANCED SECTION HA 320	Wiggins
LABAN HOVEMENT ANALYSIS II	Wordstrom

NSNSNSNSNSNSNSNS School of Natural Science Curriculum Statement

Students working in the natural sciences at Hampshire College engage in a wariety of activities: field and laboratory projects, seminary, interest groups, and lectures. There are courses for students who are excited by science and ready to plunge into their subject and courses for students who are skeptical about the value of science. At all levels o strong effort is andet to view the scientific concepts being explored in a bronder historical, social, philosophical context.

Courses at the 100 level develop the ideas and skills necessary to explore interesting questions in science. Through extensive laboratory work and/or field projects combined with reading

primary literature under the close supervision and support of the instructors, students get a good sense of what the scien-tific enterprise is about. Students are strongly urged to take one or more of these courses as this is usually the most effec-tive way to develop the intellectual skills necessary to pursue a Division I project successfully.

Courses at the 200 level are usually survey courses designed to introduce atudents to the traditional scientific disciplines. Courses such as physiology, bloogy, the calculus, organic chemistry, etc., which are the traditional standard incroductions are prisarily intended to give Division II students the technical skills necessary to do their work. Students taking such courses are expected to be able to acquire a good doal of basic information on the topic of the course on their own.

300 level courses, having prerequisites as noted in their we sever courses, making prorequisites as noted in their descriptions, include more advanced courses designed to allow students the flexibility to pursue their particular concentrations.

List of Courses

100 LEVEL

TOO LEVEL	
EXTRATERRESTRIAL INTELLIGENCE . NS 101	Dennis*
OPTICS AND HOLOCRAPHY NS 104	Hafner
EVOLUTION OF THE EARTH NS 107	Reid
HUNAN BIGLOGY NS 121	Woodhull Bruno
HUMAN SIOLOGICAL VARIATION: ISSUES IN "RACE" AND GENDER* (proseminar) NS 123	Martin Goddard
BIOLOGY OF THE NEW ENGLAND SMALL FARM NS 129	Winship Coppinger Henderson
THE NUCLEAR AGE NS 172	Krass
AQUACULTURE RESEARCH IN THE HAMPSHIRE COLLEGE BIOSHELTER NS 180	D'Avanzo
ENERGY UTILIZATION AT HAMPSHIRE NS 184	Wirth
EVER SINCE DARWIN* (proseminar) NS 198	Miller, et al
200 LEVEL	
MARINE ECOLOGY NS 206	D'Avanzo
PLANT PHYSIOLOGY NS 208	Winship
ORGANIC CHEMISTRY NS 211	Lowry
ANIMAL PHYSIOLOGY NS 220	Woodhull Bruno
CELL BIOLOGY NS 247	Miller
COMPUTATION STRUCTURES NS 258	Woodhull
THE CALCULUS NS 260	Kelly
INTRODUCTION TO CALCULUS AND COMPUTER MODELING FOR SCIENTISTS AND SOCIAL SCIENTISTS NS 261	Hoffman
HUMAN EVOLUTION AND THE SOCIAL ORGANIZATION OF CERDER NS 273 SS 273	Martin Yngvesson
GENERAL PHYSICS A: PHYSICS WITH APPLICATIONS TO GEOLOGY AND EARTH SCIENCE NS 282	Bernstein Wirth Reid
HITCHCOCK CENTER PRACTICUM IN ENVIRONMENTAL EDUCATION US 295 A&B	Bruno Darmstadter+

SPECIAL TOPICS IN ASTRONOMY ASTRC 12 THE SOLAR SYSTEM ASTFC 13 300 LEVEL

BOOK SEMINARS IN MATHEMATICS NS 320

HEALTH ISSUES SEMINAR NS 333 TOPICS IN ANTHROPOLOGY NS 339 SS 339

BEHAVIOR SEMINAR NS 340

CRYOPHYSICS NS 348

Kelly

Martin

Coppinger

Wirth

PLANETARY SCIENCE ASTFC 19	Dent*
STARS AND STELLAR EVOLUTION ASTEC 21	Arny* Dennis*
OBSERVATIONAL OPTICAL ASTRONOMY ASTFC 37	, White*

*Five College Astronomy Department Faculty +School Program Coordinator, Hitchcock Center

ASTROPHYSICS 1

School of Social Science **Curriculum Statement**

The faculty of the School of Social Science have worked to create a curriculum based on critical inquiry in a variety of problem areas which reflect their interest in social institutions and social change. The aim of such inquiry is not simply to describe society, but to understand the historic and philosophic bases as well as current values and structures. Accordingly, we have focused on overlapping interdiscripilinary areas such as: political concey and history; psychology and individual development: social institutions and individual development: social institutions and institutions are social and institutions and institutions are social and institutions and institutions are social considered a traditional disciplinary curriculum, the clear direction of the School is to reach beyond the disciplines to a concept of social acience that is a broader analytic approach to understanding societies and social change than any one discipline can offer.

and social change than any one discipline can offer.

Our faculty come from a variety of disciplinary backgroundsanthropology, economics, history, law, political science,
psychology, and sociology. However, the School's identity
is shaped much more by one griga constellations of the small
intorests and cooperative tenching than by traditional
acadesic parterns. Most of us teach with faculty of
different disciplinary backgrounds in the college and from
Social Science 10-92, as well as with students. As a result,
faculty ond students can bring a variety of perspectives to
bear on issues which are not common in acadesic structures
listiced by the disciplinary allegiance of their members.
We have begun to understand the listis of the single
discipline, and can claim success in interdisciplinary
caching. We are not yet able to present all the various
disciplines in a meaningful synthesis, but that as an ideal
that is relicated in our efforts to develop a broad and
interesting range of courses.

List of Courses

100 LEVEL COURSES	
HISTORY OF FEMINISM SS 107	Cerullo
PEASANT REVOLUTION AND VILLAGE SOCIETY IN MODERN CHINA (proseminor)* SS 116	Johnson
THE AMERICAN CENTURY: WHAT HAPPENED? SS 121	Bengelsdorf Cerullo Krass
SOCIAL ORDER, SOCIAL DISORDER (proseminar)* SS 123	von der Lippe
CLASSICS OF POLITICAL ECONOMY (proseminar)* SS 126	Hogan
ELECTIONS IN AMERICA SS 127/CCS 127	Rakoff Douglas
THE SOCIOLOGY OF MEDICINE SS 137	von der Lippe
HUMAN AGGRESSION SS 157	Poe
INTRODUCTION TO MODERN POLITICAL THOUGHT: LANGUAGE, GENDER, AND POLITICS SS 169	Landes Lizarrolde Smith
ETHNOCRAPHIC FILM SS 173	Glick

200 LEVEL COURSES are designed as introductions to some of the Issues, Ideas, and subject matter vitally important as background for advanced work in Social Science. They are open to all but first-senester Division I students. Exceptions are SS 201 and SS 263 which do adult first-excepted provided the state of the senester Division I students with permission of the instructors.

Holmquist

	White
FROM ENLIGHTENMENT TO REVOLUTION: THE ORIGINS AND IMPLICATIONS OF THE FRENCH AND HAITIAN REVOLUTIONS	Fitch Landes
SS 204	
INTRODUCTORY ECONOMICS SS 210	Warner
UNITED STATES LABOR HISTORY SS 214	Nisonoff
PUBLIC POLICY IN THE AMERICAN WELFARE STATE SS 218	Berman Rakoff

CAPITALISM AND EMPIRE: THE THIRD WORLD SS 201

	THE JEWS IN MODERN HISTORY: AN INTRODUCTION TO JEWISH STUDIES SS 219	Bermon Glick
	THE POLITICAL ECONOMY OF BLACK AMERICANS SS 223	Hogan
		Breitbart Torres
	CAPITAL AND COMMUNITY: A COMPUTER SIMULATION OF INDUSTRIAL CONFLICT IN CULPEPPER SS 244	Breitbart Warner
	THE POLITICAL ECONOMY OF AFRICA SS 257	Ford Holmquist White
	NEW DIRECTIONS IN HISTORY: A CONCENTRATOR'S SEMINAR IN EARLY MODERN EUROPEAN HISTORY SS 263	Fitch Slacer
	HUMAN EVOLUTION AND THE SOCIAL ORGANIZATION OF GENDER SS 273/NS 273	Yngvesson Martin
	COGNITIVE SOCIAL PSYCHOLOGY, OR THE WORLD THROUGH GLASSES OF VARIOUS COLORS SS 277	Poe
	ENVIRONMENTAL LAW AND SOCIAL POLICY SS 287	Durns
	INVENTING THE NEW WORLD: COLONIAL BRAZIL AND MEXICO SS 291	Grahoo
	MAKING HISTORY: HARGIN AND MAINSTREAM IN THE ABORTION LAW REFORM MOVEMENT SS 292	Gallagher n
	AMERICA AND THE THIRD WORLD SS 295	Lake
	JAPAN: TRADITION, ADAPTATION, AND TRANSFORMATION SS 296	McLendon
	300 LEVEL COURSES are advanced courses for studes our work in the subject. Instructor permission enrollment.	nts with previ is required fo
l	LAW, JUSTICE AND EDUCATION SS 307	Rose
	WOMEN AND WORK: WORKSHOP IN RECENT FEMINIST POLITICAL ECONOMY SS 311	Nisonoff
	RACE, CLASS, AND SCHOOLING SS 313	Torres
	DOMESTIC VIOLENCE SS 329	Joseph
В		

Yngvesson Martin

Burns Douglas

TOPICS IN ANTHROPOLOGY SS 339/NS 339

CHANGING CONCEPTS OF OBSCENITY SS 341/CCS 341

PORNOGRAPHY AND THE LAW: IMAGES OF WOMEN AND

HAMPSHIRE COLLEGE APRIL 1984 VOLUME 11 ISSUE 1

Published quarterly by Hampshire College, 118 Cole Science Center, Amberst, Massachusetts 01002. Second class postage (Azègo) paid at Amberst, Massachusetts 01002. Fostmaster: send address changes to the Administrations Office Hampshire College, Amberst, Massachusetts 01002

1984 Fall Term Course **Descriptions**



Communications & **Cognitive Science**

CCS 103

HITMAN MEMORY

This course will examine remembering and furgetting. We will seek present and the present and

Requirements for evaluation include regular classroom participation, completion of homework assignments, presentation of a reasearch demonstration as part of a group project, and completion of a major paper or project which could be developed to meet requirements for the OSS Division I examination. The course is appropriate for incoming students and for students who have had no previous work in cognitive psychology. So operate parents ston for excellent is required to play the course in the course of the provided provided to the course of the

CCS 107

REASONING: AN INTRODUCTION TO LOGIC

Why is it that ordinary people seem to have difficulty in understanding mathematica? Does the answer lie in the forbidding nature of its formalism or the abstract character of its principles? On the contrary, it has been up experience that for many beginning atudents of mathematics, their problems atem from the unfortunate weys in which they were introduced to the topic.

In this course, intuition and understanding will precede formalism, formal statement will precede prophesis, and hypothesis
formation will precede proof. Our topics will include elementary logic and set theory, with attention to both attructures
and their interpretations in a model. We will develop the
notion of a proof in considerable detail, again, with an emphasis on understanding the driving principles which underly this
classic tool of mathematical analysis. The rate at which we
proceed and the additional topics we consider will be determined by the class. Particular attention will be paid to
identifying those aspects of analysis which resist our grasp,
with an eye toward smoothing the way.

There are no prerequisites for this course. If you are inter-eated, but hesitant about your quantitative skills, this class is for you. The class will meet twice a week for 14 hours each time. Barollment is open.

CCS 112

COMPUTERS IN EVERYDAY LIFE: PROBLEMS, ISSUES, AND TECHNIQUES

James Hiller, Richard Huller, and TBA

This course will take as a sterting point the fact that computers are becoming an increasingly common presence in the homes and wortplaces of ordinary people. Through readings and discussion, we will emplore a range of Lasues which accompany the rapid growth of this powerful technology. Students will also learn how to use computers as tools for writing and communication, and will participate in an informat introduction to computer programming. The course is thus a blend of the practical and the abstract; it is intended particularly for first-term students and for anyone else who wents to know more about computers. There will be provisions for pursuing a Division I examination as part of the course.

The course is recommended for people considering advanced work in communications, computer studies, and related field. It is particularly recommended for those who intend to take CCS 215, Introduction to Computer Programming in Pascal, in the apring

We will meet three times a week, twice in large-group format, once with each third of the class meeting as a discussion group with one of the instructors. Enrollment in limited to 48.

CCS 127

ELECTIONS IN AMERICA

Susan Dougles and Robert Rakoff

The purpose of this course is to enalyze the 1984 Presidential election from a critical and historical perspective. Readings and lectures will explore the evolution of pultical theories, and will survey the history of elections in "merica and analyx several critical elections of the past. In iddition, ow will study the development of the role of the mass modis in the electoral process, examining which seprets of the conditiates and the issues are suphasized, and which once understated or ignored. The underlying goal of the course is to understand the role elections play in maintaining the legitimacy of the criticipation, both pasts and strendth of 11 be pair for the participation, both pasts and present, of women and aimortize in the political process.

In addition to completing a series of selected readings, stu-dents will be apprected to follow the 1990 capaging it warious undis. There will be several short written assignments and a final paper which could serve as a Division i examination in either CCS or SS. We will meet twice a week for two hours each time. Expeliment is open.

CCS 129

DOMEN AND MODALITY

Maradith Michaelet

Some prominent philosophers and psychologists have argued that women lack an appropriately developed capacity for moral deliberation and judgemen. We will assess this claim by examining various works in which it is located and works which, performed the properties of the properties

*Professor Michaels is on the faculty of Mount Holyoke College,

VISUAL LITERACY AND MEDIA CRITICISM

"The illiterate of the future will be ignorant of pen and camera alike."--Moholy-Nagy

This course will help students develop a critical vocabulary and methodology for evaluating "how images mean." It will also explore seah student's creative potential for designing visual messages and program concepts. Visual literacy will be learned in a developmental progression from aesthetic critiques of single photographic images, to synesthetic evaluations of image and sound sequences, to extructural analyses of soving images in film and television productions. Media criticism will be learned through a comparative approach where stillar program, and film production. The conclusion of the course will be deveded to demonstrations of each actuality application of the course will be deveded to demonstrations of each actuality acreative application of visual literacy and media criticism as s/he develops program treatment, scripts, storyboards, and/or slide shows for public presentation.

Cless exercises will include advertisement critiques, image asequence evaluations, poetic and musical atoryboards, and content snalyses of television commercials, news, and programmans. My jor written assignment will be barger and an exercise the state of the state

The class will meet twice a week for 2 hours each time. En-rollment is limited to 25 by instructor permission and a lot-tery if necessary. Please complete and submit a course registration form prior to the beginning of the term; forms will be available outside of FFH GIS.

DATA STRUCTURES

In one classic definition a computer program must represent both an algorithm and a data structure. The usual content a first course in computer science is the design, analysis, and coding of algorithms which can be executed by a compute

This is a second course in computer science, which will be concerned with the ways in which complex data structures can be represented in computer programs, and with saveral kinds of computer applications which use such representations. Conceptual devices like arrays, stacks, queues, lists, and trees are of use in problems involving searching and sorting data bease, paraing sentences and similar applications in computer graphics, linguistics, computer the bease, paraing sentences and similar applications in computer structures in the context of writing computer programs in a high-level language.

Background equivalent to CCS 215 Introduction to Comput Programming in Pascal is required. The course schedule be announced. The class is limited to 16 by permission the instructor.

CCS 223

INTRODUCTION TO COGNITIVE SCIENCE

Jay Garfield, Noil Stillings, and Steven Weisler

This core course in cognitive science will begin with a sketch of the nature of cognitive science and will go on to a survey of the disciplines that have made the major contributions to the field: psychology, linguistics, computer science, neuro-physiology, and philosophy. It will conclude with an intergrated treatment of a number of key issues in cognitive science that have scienciated with in two or more of the disciplines.

The students in the course will not only get a chance to learn about the cognitive sciences, but they will also be able to contribute to a new textbook in cognitive science. The book is being written by six faculty members in the School of Cognitive Science under a grant from the Dama-cations and Cognitive Science under a grant from the Dama-Coundation. The course will follow the plan of the book and will use the completed portions of the manuacripr as a major source of reading. The instructors hope to get valuable critical feedback from the students, as well as suggested study questions and exercises.

We feel that students at all levels can benefit from the course and make important contributions to the writing project. Beginning students can get a broad survey of cognitive science and help us evaluate the suitability of our material for an introductory text. Advanced students can benefit from the integrated treatment of the field and can draw on their backgrounds in specific disciplines in evaluating our approach.

There will be a number of brief written assignments in the course, devoted to other mastery of the material or critique of the book manuscript. Students who are interested in writing longer papers should consult with the instructors. The course will meet twice a week for 14 hours each meeting. Enrollment is limited to 30.

CCS 223

ISSUES IN BEHAVIORAL DEVELOPMENT

Lynne Baker-Ward

Developmental psychology has been revolutionized by the advent
of sophisticated methodologies and the application of theory
and findings from related disciplines such as biology, linguistion of the state of the state of the state of the state of the state
of the state of the state of the state of the state of the state
development. An issues-oriented approach will be used within a
lecture-discussion format. We will apply recent research on
the affects of prematal environmental influences to a reformalation of the nature-mutrue issues; question the probe of early
experiences through the evaluation of literatur; on preschool
intervention; use an evolutionary perspective to explore the
intervention; use an evolutionary perspective to explore the
gate she implications of recent findings in cognitive psychology
for postulating stages in behavioral development; apply findings from social psychology to parenting; ask if findings obtained inside laboratories have validity in the "real uverld"
and more than the state of the s

Students are expected to have had an introduction to develop-mental psychology and preferably to cognitive science and biology as well. Requirements for evaluation include regular participation, completion of several uritten assignments, and the presentation of a project (which could be an experiment, literature review, etc.) to the class. Enrollment it Leaf the strice a week current presistent. Glass util ment for 13 hours twice a week.

MINIMALIST JOURNALISH

What would result if the sims and methods of the Imagist and Haiku pocts, the tellers of folk anecdotes, and the writers of the leanest prose or shortest short stories were studied and applied experimentally to journalism? In this course we will

Traditional journalism isn't. News articles from the 1830's bear little resemblance to those in today's papers. A sports story from the 1930's seam quaint to the modern reader. It is concetivable that "traditional" journalistic style in the future may make today's news stories, columns, and editorials seem bloated and overwritten. Perhaps writing that emphasizes extreme brevity, precision, and the evocation of rome and mood through a poetic intensity can serve journalistic ends as well or better.

An underlying essumption of this course is that a student who learns to write short, carefully crafted pieces well can easily write longer works, while the reverse is not necessarily true. To that end the course will emphasise the writing, editing, reverting, and polishing of journalistic pieces in the 100-300 word range. The student should anticipate a level of work that will have his or her writing and rewriting; constantly. Readings will be chosen to provide models for writing and analysis.

ne provide adequate information effectively in a few This course description is 220 words long.)

he class will meet twice a week for 1½ hours each session, arollment is limited to 15 by lottery if necessary.

COMPUTER SCIENCE CONCENTRATORS SEMINAR

This atudent-initiated seminar is designed to serve the needs of advanced students who are studying topics or applications within the computer science, electrical engineering, computer engineering fields. The seminar via polyceca mong the participants, field trips that the lates of interest (possibly including BCC's Comman and MIT's Artificial intelligence Laborators and the seminary of the semi

The seminar will meet twice a week for two hours each session. Enrollment is open to advanced computer science concentrators.



VIDEO PRODUCTION SEMINAR

Gregory Jones

This seminar is designed for students experienced in video pro-duction. The class will provide a critical context and support crew for projects statisted and produced by students as part of their Division of the programs of study. Both students are the produced time and felial-based commentary programs may be produced in conjunction with this seminar.

The instructor will serve as a consultant and advisor for each project, while providing resources and learning exercises for the class at large. Students will be expected to assist each other in their individual project afforts. Collaboration of the class at large. Entreliance Collaboration ductions will also be encouraged. Entreliance in the content is students by instructor permission and a location complete and submit a course registration form prior to the beginning of the term; forms will be available outside FPH C16.



PHILOSOPHY OF PSYCHOLOGY: METHODOLOGICAL AND ONTOLOGICAL FOUNDATIONS OF COGNITIVE SCIENCE

Psychology occupies a unique position among the sciences. Few sciences are as methodologically and substantively volatile as sciences are as methodologically and substantively volatile as proposed by philosophy and have had as much influence on philosophy as paychology. No science offers the range of philosophical problems, both metaphysical and metascientific, that psychology presents.

presence.

This course will examine ontological and methodological issues trained by the science of psychology as it is practiced in the cognitive science for psychology as the psychological theories will be seen as the connection between ordering mentions concepts and vocabulary and those appropriate values of the concepts and vocabulary and those appropriate content of the connection of the connection of the psychology and the biological theories of the connection of the co

MACHINE LEARNING IN PUZZLE SOLVING

In this course we will explore the areas of artificial intelli-gence which relate to machine learning and problem solving. Topics will include concept learning, search techniques, and heuristic methods. The domain of puzzles and puzzle solving will be used to explore these areas. We will devote a major portion of our time to research projects through which we will directly confront many of the issues involved.

Perticipants in this course should have some background in artificial intelligence and strong shilty in computer programing. Facilitative the programing language LISF is strong-ly recommended in the programming language LISF is strong-ly recommended in the strong language LISF in the class will nest twice a week for 1½ hours each time.

CCS 318

HEDIA CAMPAIGNING

James Miller

In this book seminar for advanced students in communications and the social sciences, we will read several recent and content sciences, we will read several recent and constant sciences of the series of the serie

Students will write two analytical essays which they will pre-sent for class discussion. The first will deal theoretically with a theme or problem chosen from the readings. The second

will test some assertion in the readings through investigation of this fall's election campaigns. The class is limited to 10 by instructor permission. We will meet once a week for 3 hours

CCS 319

ADVANCED SEMINAR ON VISION

Neil Stillings

nett Stillings

This advanced seminar will be devoted to reading and discussing the primary literature on several topics in visual research. The topics will be selected by the laserveter and acculents. The topics will be selected by the laserveter and acculents. The primary emphasis of the seminary of the primary emphasis of the seminary of the seminary of the primary emphasis of the seminary of

The course will meet once a week for two to three hours. Each student will be responsible for making two class presentations. Division II students will be required to do a final project. Empoliment is limited to 12 by instructor permission.

CCS 320

AUTOMATA THEORY

The theory of automate is a branch of mathematics whose major development has occurred within the last several decades. To-day the theory force of the more active areas within the general field of computer science.

The original impatus for development of the theory grew from attempts to create precise models of neurological brain function, coupled with the tempts to understand the theoretical listations and explicit of computing machinery. The theory also relates expertain problems in the foundations of eathermatics and linguistics.

We use the word "automate" generally to describe theoretical Computing matchines in wide variety. The asthmantical content is rich, providing a good example of contemporary ideas without requiring extensive manages participation by students with force be feasible of matchematical strength. All participants averying degreewer, to have a background in at least one celevant areas of cognitive science. The class will ment twice week for two hours each time. Earollment is limited to 20 by permission of the instructor.

PORNOGRAPHY AND THE LAW: IMAGES OF WOMEN AND CHANGING CONCEPTS OF OBSCENITY

Mary Eilen Burns and Susan Douglas

Mary Ellen Burns and Susan Douglas

This class is an advanced seminar for Division II and Division III at dual transmission women's studies, the law, media, and related to the course will explore the evolution of porteriors of the course will explore the evolution of porteriors of the course will explore the evolution of porteriors of the course will explore the evolution of porteriors of the course of th

Students should be prepared for an extensive reading list. The class format will be primarily discussion, with occasional lectures and slide shows. Students will research and write one major paper. Enrollment is limited to 30 by instructors permission. We will meet once a week for 2% hours.

Writing is a critical skill for work in every School at Hampshire. For additional writing courses, please refer to the Writing/Reading Program.

H&AH&AH&AH&AH **School of Humanities** & Arts

9A 105

WAYS OF SEEING

. This course will meet twice a week on Tuesday and Thursday, $10 \cdot 30 - 12 \cdot 00$ a.m.

Tuesdays, I will be giving lectures primarily on 20th cen-tury art movements and artists. There will be some focus on 19th century ideas and artists with an emphasis on the end of the century. I will be particularly concerned with the

visual aspects of the works and how these function in relation to the ideas of the artists and movements as well as to the seathetic impact on the viswer.

Thursday, during the first half of the term, this time will be spent to lecture, workshops and tutorials which will focus on helping students experted or one presentation on a series or sourcement. Descriptions from a list of possibilities that will be supported the first day of class. Students of the series of the series

The second half or final third of the sementer will be spent in presenting the slide talks. Students should feel free to include social commentary, and the references or any other topic as long, and the reference or any other topic as long, and make a clear connection between the willing of non-visual elements in their talk and reinforce their thesis.

Enrollment is limited to 12, by instructor permission.

1		
ILA	113	HC

TBA and Rebeccs Nordstrom

Introduction to basic modern dance technique. Students will learn exercises and movement acquances designed to help develop physical strength, flexibility, coordination and kinesthetic sourcess and a better understanding of post-kinesthetic sourcess and a better understanding of post-kinesthetic sourcess and a better understanding of post-kinesthetic sourcess and communication through a disciplined movement form. Particular attention will be paid to posturie a lifement and techniques for increasing case and efficiency of movement.

Class will meet twice weekly for 1 1/2 hours. Enrollment is limited to 25 on s first-come basis.

L	

HODERN DANCE II

Continued work with the basic principles of dance movement; body alignment, coordination strength, flexibility and loco-motor patterns. For students who have taken Modern 1 or the equivalent.

Class will meet twice a week for 1 1/2-hours. Enrollment is limited to 20, first come.



WRITING WORKSHOP

Deborah Berkman

This class will have as its subject matter ourselves as writers. Class time will be spent engaging in three activities: 1) Writing: Students will work on writing assignments, while the instructor circulates, helping students with the revision process; 2) Reading work: A discount will be revision process; 2) Reading work: A discount will be revision order to stronged the samblers of the class will no order to stronged and constructive criticism. 3 well as to red of a final draft, the class will again and the same of the paper, this time with a focus on the effective will discount a group the particular difficulties we will discount a group the particular difficulties we having, or have had in the past, with writing, over coming writing block, procrasting attention to over coming writing block, procrasting the matter of the class will account on the past with which the same of the class will are the past with which the past with which the past with writing.

The mollie of the class will account the same of the same

The goals of the class, then, are the following: 1) to understand the central role of revision in the composing opportunity of the control of

The class will meet twice weekly for one hour. Enrollment is limited to 16; by lottery if necessary.

Will Ryan's writing course is listed under the Writing Programs. Check there for other writing courses and programs.

SHORT STORY WRITING WORKSHOP

Lynne Hanley

This workshop is intended for students who have little or no experience in writing a short story. We will explore, through reading and earling and talking about short stories, what goes into sand what makes these work. Early assignments will focus on specific elements of fiction: charrication setting, plot, dislogue, imagery, point of view, etc. The final sanigument will be to make all these elements work together in a short story of some length.

Students will write every week, and writing assignments will be accompanied by reading assignment in which he specific devices we proporting is handled particularly imaging every and the processing of the processing will be added to the processing will include cases by Joan Middler Lillian Hellman, and John McPhee, and a wide variety of abort stories. We will spend some class time discussing the reading, but most of class we will spend being each other's instelligent, attentive, and critical sudfame. Students should be prepared to share all their work class, and to read and respond helpfully to all the work of the class.

Class will meet once a week for two-and-a-half hours. En-rollment is limited to 15 by instructor permission.

HA 159.	MAN-HADE ENVIRONMENT: PROCESSES OF DESIGN
	Norton Juster and Earl Pope
the sense	se deals with the analysis and design of human net-the ways in which human activities and needs esten in the forms and patterns the reflect and it lives. We will be concerned with a developed ty to surroundings, an understanding of place, and of the individual as an effective force in creat- tering higher own environment.
derived.	cular focus of this course will be on the deter- of human needs, meeting functionnal requirements, topment of program as a creative step in the design patterns of habitation as a generator of environ- with the way environmental form and expression is
environe translat	primerily a workshop course, using direct investiga- mearch, and design projects of a non-technical oconfront and supose environmental problems of the approaches and creative processes fromment is made to the processes of the pro- tromment is made to the processes of the pro- tromment is made to the pro- tromment of the pro- served of the pro- ment; creative synthesis—the less to form; the tom of ideas, malysis, program and technical per- into environment.
	the work will require visual presentations and i however, no prior technical knowledge or drawing fill be necessary. The student must provide his/her ing tools. Projects and papers will be due through- term. This course demands both time and commitment.
Seesions Enrollme	 be two 2 I/2-hour meetings per week plus odd day for special problems (to be autually determined. nt is open.
BA 194	INTRODUCTION TO ACTING
5 4	Rhonds Blair
for the ques in goal of designed inhibit; acteris; explorad ings do perform require	rise will provide an elementary foundation in acting arage, giving the student exposure to basic technifresting the imagination, body, and voice, with the developing flexibility and power. Exercises will be too help the actor release habitual tensions and loss and to explore the rudiments of chartion. This studio course involves a great deal of cory and improvisational work, supplemented by reading the coursel of class. Written critiques of dramatic mones (to be determined by the instructor) will be it.
Class w Enrolle	ill meet three times a week for 1 1/2 hour sessions. ent is by lottery and limited to 16 students.
RA 195	THEATRE THREE: REHEARSAL AND PERFORMANCE
	David Cohen
This co develop supervi	urse is designed to offer students the experience or sing a fully-mounted theatrical production under the sion of a faculty director.
Utilizi niciens main-st miciens main-st Dickins formanc rehears we will Froduct	ng the skills of student actors, designers, and teci, we will serve as the collective producers of a rage play in the Performing Arts Genter of Ently non Hall. Emphasis will be on the rehearsal/perreprocess. There will be extensive evening/weeken wals and crew cells during October and November, and meet once weekly for a 1-hour production ometing.
Final scripts Hichae ica.	script decision will be made by September. Play- s currently under consideration include <u>Loose Ends</u> b I Weller and a world premiere play about South Amer-
Enroll	ment is open.
RA 201	FIGURE DRAWING Phyllis Rosenblatt
This st those i archite tors.	tudio course offers time for work and challenges to interested in figurative art. It is also of value to acture students, design students, and art concentra-
The con	arse will meet for three hours once a week. Enrol- is limited to 25 by instructors permission.
HA 203	STUDIO ART CRIÝIQUE Joen Murrey
invite warran	
	ass will meet once a week for three hours. Enrollme

Using given projects within a studio situation students will have an opportunity to experience the discipline, trials and rewards of painting. Issues will be discussed as raised by the work of each student. Class meets for six hours once a week (includes a one-hour dinner break). All supplies will be gotten by individuals after the first meeting. The class is limited to 18. Enrollment is on a first-serve basis after proof of one prerequisite course. MAKING PLACES-THE EXPERIENCE OF DESIGN HA 209 Norton Juster and Earl Pope This is a design course. It concerns itself with the making of architectural form and the design of the built environment. It is a design article course organised to provide broad overview of design issues and aktiline or the design course of the design course of the design of the of the A series of design projects, varied in scope and complexit will be given and student work will be rigorously critique Class discussion will center on approach, design analysis, functional response, expression and symbolism. The course will provide an intense design experience for those seriously interested in environmental design, or interested in defining their interest. It is a Limited motion of the Divi Courses and builds upon the. Interested students should have some background (which need not be extensive) in this area. Enrollment is limited to 12 students and permission of the instructors is necessary. It is the student's responsibility to acrange for interviews with the instructors. Class will neet two times a week for 2 hours. FILM WORKSHOP I HA 210 This course teaches the basic skills of film production, including the development of a treatment or script, cinematography, edition, sound recording, and making titles. Students will have weekly filming assignments, and will also produce a finished film for the class. There will be weakly acreenings of student work, as well as acreenings of films which address significant moments in film history, and seatherful development. Thus, etwdents will develope sense of the evolution of cinematic language. Finally, the developent of personal vision will be atrease. The bulk of the work in the class will be produced in Super Servant with an introduction to 16 ms. A 353 lab fee charged for this course, and provides access to equipment and editing facilities. Students are responsible for providing their own file and supplies. HA 211 STILL PHOTOGRAPHY WORKSHOP I Sandra Matthews This course emphasizes three objectives: first, the acquisition of basic photographic skills, including composition, exposure, processing and printing; second, familiarity with historical and contemporary movements in photography and the development of visual literacy; third, the deepning and expanding of a personal way of seeing. Students will have weekly shooting and printing assignments and, in addition, will complete a portfolio by the end of the semester. All work for the class will be done in black and white, 35mm formet. A \$35 lab fee is charged for this course. The lab fee provides access to darkroom facilities, laboratory supplies and chemicals, and special equipment and materials. Students must provide their own film, paper and cameras.

The class will meet once a week for three hours. Enrollment is limited to 15, by lottery, if necessary.

Starting with an historical survey of the history of photography (19th and 20th century), using standard texts by Resumon Rewhall, John Sarkowski, Helmut Cernsheis, Aaron Scharf and others, the course will then concentrate on more critical issues concerning the role and use of photography

Some of these issues will include: photography and its use in "art," "reportage," documentary, advertising, "family album," and the implications of these forms on the contemporary scene. Readings will include Benjamin, Sontag, and the many anthologies of critical essays. Plims and side lectures of various aspects of photography will also be

PHOTOGRAPHY-CRITICAL ISSUES

BA 214

included. Student discussion and assignments will be part HA 216 MODERN DANCE IV Intermediate level class intended for students with two years of training. The focus of the work will be on refining the kinesiological perception and theoretical understanding of efficient movement in order to increase secur acy, speed, and sobile strength. Attention will also be given to developing and awareness of how one invests oner in prescribed movement. HA 231 POETRY WRITING WORKSHOP This course will emphasize the principle that all our workshop poetry writing should be done primarily for the reception and delight of our own workshop sembers and with the upperment in mind, for after all we are our very first audience and group approval is vitally important as a source of confidence. Our poets should be reminded that being attentive readers and listeners to the vork of other poets in the group is essential practice; and, of course, our readership and audience will grow and move outwards as we grow and move along as poets. The workshop will be a forum for the relaxed reading of poens produced by its members. We will pay the closest possible critical attention to the procedy and meaning of class members; the work to the minormal be without lose of tutorial effect widened of cutorial effect widened of the possible widened of the possible widened of the possible to the work of the posts and strength of the posts and group mentions. We will strive to respect the talents of the poets and resist all inducements to make them write like their mentor (that is, either like the external model of their choice or like their instructor or like the outstanding class poet). Suggested parallel readings will come from the full range of The class will meet once a week for one-and-a-half hours. Enrollment is limited to 16, and permission of the instruc-tor is required. Bring sample of work to the interview. PRINCIPLES OF DIRECTING HA 236 This course is an introduction to basic skills needed to organize and direct a theatrical production: Primary consideration will be given to script analysis for the director and to theory and practical applicat a of principles of staging, i.e., meanings of scripts v.ll be studied, end then ways of translating those meanings into physical/theatrical terms will be applored. Agencemon, Hamiet, The Cherry Orchard, Valiting for Godot, and Top Girls will provide a basis for discussion, the course text will be Francis Todge's Play.

Direction: Analysis, Communication, and Style.

Will include preparation of a director's promptbook, preparation and presentation of brief staging projects, and oral critiques of in-class projects. This course will lay the groundwork for a studio course in directing to be offered in the Syring. Class will meet twice weekly for 1 1/2 hours. Enrollment FICTION WRITING WORKSHOP HA 237

This workshop will emphasize as its guiding principle that all on workshop firstion writing should be done primarily or the received and delight of our workshop sembers and with them uppermost in mind, for after all we are our very first audience and group approval is vitally important as a source of confidence. Our writers should be reminded that being attentive readers and listeners to the work of other writers in the group is essential practice; and of course, our readership and sudience will grow and move outwards as we grow and move along as writers.

The workshop will be a forum for the relaxed reading of short stories produced by its members. We will introduce and develop the necessary skills with which our writers will learn to regard, examine, and write fiction as a display of the imagination in terms of nerretive, characterization, intention, and meaning and those elements will be studied closely, not so much from approved external models as from the written work of our own class.

We will try to demonstrate that the the practice of fiction ought to be manifestly about the creative description of human relationships in society.

We will encourage both on-the-spot oral critical analysis and more considered manuscript-reviewing. We will, at all times, allow the writing and lively analytical discussion of

all forms of literary composition within the genre of fic-tion, and our writers will be encouraged to take any liter ary risk they may feel to be important to their developmen

The class will meet once a week for 1 1/2 hours. Enrollment is limited to 16, and permission of the instructor is required. Bring sample of work to the interview.

HA 240

WRITING

Nine Payne

By means of exercises that draw on personal history, family anecdotes, life experience in general, students will spend class time in the process of writing. The work will be intense in quality and varied in form. Emphasis will be on stretching one's own resources as a writer and deepening them at the same time. There will be readings from a warlety of sources including the work of poets, writers, visual artiate, performing artists, and when they choose, weather of the class. Totorials will be available to all

The class will meet once a week for two-and-one-half hours. Enrollment is limited to 15, and the instructor's pyraission is required.

RA 243

THE FICTION OF HISTORY: HISTORICAL TRUTH AND IMAGINATIVE INVENTION IN THE NOVEL

"In its earliest uses," writes Raymond Williams in Keywords, "history was a narrative account of events...the sense ramped from a story of swents to a narrative-of past events. In early Raglish use, history and reory...were both applied on account either of imaginary events or events supposed to be true." "Piction," the same author tells us, "has the interesting double sense of a tind of IMGINATIVE LITERATURE and of pure (sometimes deliberately deceptive) invention."

one or pure (semetimes deliberately deceptive) invention."

There is a sense in which the original protean quality of these two concepts, diction and history, is still with us. Indeed, the contemporary significance of a concept such as ideology, one could argue, has even given the range of commotation to which Williams refers's new currency and vogus. Nowhere is this more apparent than in the growing popularity, throughout the world, of the historical or historical point of the world, of the historical or historical novel relies on this connotative fluidity of meaning to beguite the reader and achieve its intended effect. Its success—as novel and convincing ideological statement—depends largely on the virter's ability to make persuasive use of the gray area between "events supposed to the true" and "pure (sometimes deliberately deceptive) invention."

This course, turning precisely to the relationship between the attremes, will amplore the specific nature of the historical novel. Through close analysis of representative examples of the genre, we will examine some of the issues implicit in the definitions quoted above. We will also seek to identify the range of devices and techniques the writer of historical fiction used to effectively recreate the dynamic state of the control of the precision of the control of the precision of the context of an interest with the determining context of an intere

Our texts, ranging from works both "classic" and contemporary, will be drawn from the literary canon of Europe, Africa, and the Americas. Possible readings will include:
C. Dicksms, A Tale of Two Cities; Stendahl, The Red and the Black; G. of Lampdous, The Leopard; A. Carpentier, Explosion in a Cathedral; V.S. Said, New Day; G. Laming, Maritwa of By Parzon; and C. Achbeb. Thing Fail Apart.

The class will meest twice weekly for 1 1/2 hours. Enrol-iment is open.

HA 251

AMERICAN LITERARY REALISM: MARK TWAIN, HENRY JAMES, STEPREN CRAME

Richard Lyon

He American realists in fiction, like their forerunners in Europe, wished to appropriate for the imagination the materials of everyday life-to capture in their stories the look and the stories of the look of the stories of the look of the look

The class will read nowels, letters, essays, and several works of short fiction by each of these writers, and we will have occasion to notice, as we go, the different ways in which they recken, through their art, with the events and crises of their own lives and of their times.

The class will meet twice weekly for an hour-and-a-half. Students will write a paper on each of the writers, and will participate in a group presentation to the class of a particular work. Earoliment is open.

PHRIPINES

This class will from the outset point out and develop the clear parallels between late 5th century Athens and late 20th century America. Athens, 11th the United States has in recent years, twice sought to make the world safe for democracy and won, in return, the crown of defender of world freedom. However, Athens promptly converted her ethical preeminence into more negotiable current of the contract of the cont

Student or survivor of the our in America was reads through Thucydides' account of Athenian attails.

Camus often described our modern age as at a point of impase to which we are driven by a postenonus logic whose surest antidote he found in classical Creek thought. What he had in sind was above all Creek theater, and most appropriately Euripides. Similarly, Terence hes Pres, in his book The Survivor, calls for a conactious denial of heroic myth. "Herose" are those who find and affirm something or someone vorth dying (and parhaps worth killing) for, whereas Des Pres argues that not perfections thillings in the face of twentieth century attrocties. Our gends sends us in search of something worth living for (and worth letting others live for). Suicide, wrote Camus, is our first philosophical question; and sorder is the second. Nowhere does the pursuit of these questions and concern bear richer fruit than in the drams of Euripides. In Euripides we can integrated culture, the guide concern bear richer fruit then loss of a people' incentive the dade, and the clash between inherized professed ideas and current operative values. We find the death of god, a secular, humanly derived morality, and upheavel in the traditional relations between the saxes. In the theatre of Euripides we winness the most unmitigated misery and brutality ever brought to stage and yet we discern there as well a lucid secular ethic of human survival with integrity and sodiert purpose. I sa a heatre hook.

The class will meet twice weekly for 1 1/2-hours. Enroll-

HA 252

INTERMEDIATE DANCE COMPOSITION

The formal structural aspects of dance composition will be studied through class exercises, assigned studies and critical analysis of select masterworks. Emphasis will be placed on form. How does one make and use form? How does a form influence or dictate its own development? How does form hold or reveal meaning? What meaning is inherent in a form?

Students will practice composing movement using such formal organizing factors as rhythm, line, motor logic, AMA, theme and veriation, canon, etc., and will be required to craft a five minute final project with music.

This course is intended for students who already have ex-perience in creating original movement and at least inter-mediate level dance skill.

Class will meet twice a week for 2-hour sessions. Enroll-ment limited to 12 with instructor's permission.

RA 263

INTRODUCTION TO DANCE AND HOVEMENT EDUCATION IN PRIMARY AND SECONDARY SCHOOLS

Peggy Schwartz

Course work will include developing corricula in dance and sevenent for prisary and secondary chool sertings. Those developing control sertings, those developing control servings, the course of the course of the course of the course is by interview and permission of the instructor.

CONTEMPORARY CARIBBEAN FICTION: V.S. NAIPUL, GEORGE LAMMING, SIMONE SWARTZ-BART, AND ALEJO CARPENTIER

Roberto Marquez

Roberto Harquez

The consequences of colonialism, its effects and ambiguities, its demise and permanent legacies, give a particular edge to the "temper of our times." The literary depiction of its several and often subtle diseasions—and of the full challenge posed by the process of decolonisation—necessarily extends beyond the specifically through the process of decolonisation—necessarily extends beyond the specifically through the full challenge posed by the process of decolonisation—necessarily extends the process of the full challenge posed by the process of the full challenge of the full challenge process of the full challenge of the full challenge

Possible readings will include: A Rouse for Mr. Biswas. The Mimic Nan. In a Free State; In the Castle of My Skin, The Enigrants, Natives of My Person; The Bridge of Beyond, Between No Norlds, The Lost Steps and Explosion in a Cathedral.

The course will neet twice a week for one-and-one-half hours and enrolleent is open.

HA 271

SHAKESPEARE AND WOOLF

L. Brown Kennedy

Lovers and mad sen have such secthing brains, Such shaping phantasies, that apprehend more Than cool reason ever comprehends. The Lunatick, the Lover and the Post, Are of imagination all compact. --- A Midausmer Night's Oream

In the first part of the course we will read Shakespeare (Twelfth Night, As You Like It, Lear, The Tempast, and possibly Hamlet) and in the latter part Virgina Woolf (Krs. Dallows, To the Lighthouse, Orlando, A Room of One's Own, and selected easeys).

Our main focus will be on the texts, reading them from several perspectives and with some attention to their widely different literary and cultural assumptions. Rowever, one thread tying together our work on these two authors will be their common interest in the ways human beings lose their frames of reference and their seams of these leves in law ones, lose and find their selves in love or in sexuality, and find or make both self and world in the shaping set of the imagination—to writing, in poetry, or in art.

Students will be asked, accordingly, to themselves give shape to three or four short papers.

The method of the course will be: directed close reading, discussion, and periodic lecture. The class will meet twice weekly for 1 1/2-hour sessions. Enrollment is limited to 25.

HA 276

HER/HIS STORY OF WAR

Pocusaing on literary responses to Exitish and American wars in this century, this course will amplore both how was has changed since 'the war to end all wars'), and how man and women writers have differently represented that's experience of war. We will begin with Derfo Leaving's fable about militarism and the relation between the seese, The marriages of Zones Threa, Your, and Tive, and then discuss paired male and female texts on each war epoch. Texts will include

Vera Brittain, Testament of World War Is Youth Robert Graves, Goodbye to All

Robert Ora---,
That
Pre-World War II: Virginis Moolf, Three Guiness
D.H. Laurence, Kangaroo

Dorie Lessing, A Proper World War II.

Dorie' Lessing, A Proper
Harrings
Norman Mailer, The Naked and
the Dead
Susan Sontag, "Trip to Rono!"
Joan Didion, "Slouching Towards Bethlehem"
Tim O'Stiem, Going After
Cacciato

About 20 pages of writing will be required. Enrollment limited to twenty, by permission of the instructor. Class will meet twice a week for an hour and a half.

HA 279

INTRODUCTION TO TRADITIONAL AFRICAN PRILOSOPHY

This course will explore African philosophy using some of the "signposts" suggested by Western philosophy: meta-physics, logic, ethics, philosophy of mind, epistemology and aesthetics. as a preface, the course will address the ques-tion of the indigenousness of Egypt to Africs. Our ob-jectives will be:

To provide students with a broad, unblemished view of the fundamental philosophical constructs which undergird traditional African societies;

To provide students with an understanding of the basic differences and similarities between traditional African philosophy and that of the ancient Greeks, from which the Western philosophical tradition has arisen.

Class will seet one evening a week for three hours. Enrollment is open. A partial reading list includes: Wright's African Philosophy: An introduction; Sowande's "African Religion and Philosophy": Nbitt's African Religion and Philosophy Sides of African Philosophy Sides (African Life and Guardons, thurws a Indoba, Ny Children; and Elisde's Cosmos and History. The Nyth of Extract Return.

Callege Course Guide

8 Hampshire College
NA 284 CREATIVE MUSIC: ITS THEORY AND APPLICATION Roland Wiggins
This lacture class will focus on the interrelationship found in the conventional, non-conventional, and indigenous styles of music as viewed from a Vestern tonal base. Students will be offered analytic techniques for performance as melosic, hermonic, and extern tonal laceph schillinger componers/theories will be explored for the convention of the convention of the convention of the convention of the convention with the creative music of Charlie Parker, Disay Gillespie, Thad Jones, and John Coltrane. Outside reading and listening apperlances are amndatory.
Students are encouraged to explore at least the very basic music notation practices such as those found in John Schaum Mote Speliers I and II before registering.
From the materials presented each student will be required to select special topics for final presentation. Division Il students are expected to offer presentations commensurate with that cademic laws.
The class will meet twice weeky for two-hour sessions. Earollmant is limited to 15, and instructor permission is required. Although this is a Division II course, Division I students may enroll with permission of the instructor. RA 290 SENIMAR IN ELECTRONIC MUSIC/TAPE
RA 290 SEMINAR IN ELECTRONIC MUSIC/TAPE COMPOSITION Daniel Warner
An exploration of some possible pathways into analog elec- tronic and tape composition using modular synthesizers, tape recorders, and sound processing equipment.
Rather than circumscribe this medium by placing primary emphasis on so-called "serious music" we shall approach it through a wartety of mesical worlds. Thus, a seminar member may reasonably expect to listen to and discuss pieces, for example, by Brian Eno, Annette Peacock, Milton Babbitt, Laurie Anderson, and Karlheins Stockhausen.
The specific content of the seminar sessions will be gen- sarted by the interests and directions of the seminar mem- bers, though basic techniques such as frequency modulation, amplitude modulation, filtering, etc. will form the basis of the initial discussions.
Evaluation will be based on a completed composition project. Zeroliment may have to be limited due to scheduling considerations. Instructor permission required. The 299 PLAYWRIGHTS WORKSHOP
NA 299 PLAYMRIGHTS WORKSHOP David Cohen
This course will focus on the craft and the process of writing dramatic material, with emphasis on the one-act
Punctioning as a workshop, we will attempt to foater a supportive yet critical excessive for our writing. A large apport the learning will be a direct result of weekly readings of new ser begre. Readings (plays, theory, etc.) with the supplies a detablished scenes analyzed in class, but the supplies is on the actual writing. Plays by supplies of the workshop will receive prisary consideration supplies that the supplies the New Play Pactival in early May.
The workshop will meet once a week for three hours. Largar- ment is limited to twelve and instructor persisted in a required. Priority will be given to streamly significant coursework in writing to an one of the more streamly significant Students wishing to many a bould subset a famouscript (any creative writing) during the course interview period in
Mote: Students interested in pursuing project/exam work in Harrative Video or Film should consider taking this course during their Division Two Concentrations.
HA 302 IMPROVISATION
This course will focus on the study and practice of a wide range of improvisation techniques which can be applied to both acripted and non-acripted projects.
Gourse goals are: 1) to help the actor expand her or his range of expressiveness and sensitivity, 2) to provide the actor with newsy the seeing dramatic action and character and or the seeing beautiful to the seeing dramatic action and character and or the actor with a new set of tools for an ordering performance for the stage. Exercises will be drawn from those of Joseph Chatkin, Jerzy Grotowski, and Viola Spolin, among others. The work will occur primarily during class meetings this is a studio/performance course.
Class will meet three times weekly for 2 hours. Enrollment is limited to 12. Admission will be by sudition.
HA 305 ADVANCED WRITING SEMINAR
Nine Payne

This course is offered to serious students of writing (poetry, fiction and playwrighting). Perticipants will be

expected to present work-in-progress on a regular basis, to give and receive intelligent criticism, and to edit and refine their own work.

Class will seet once a week for two-and-one-half hours.
Readings will be drawn from the latters, notchooks and
working journals of such artists as Louise Bogan, Peter
Brook, Bertold Brecht, Colette, Martha Graham, Louis I.
Kahn, Paul Klee, Kathe Kollwitz, Plannery O'Connor, Georgia
O'Keefe, 1gor Stravinsky, Edward Weston and Virginia Mooli,
among others.

Admission to the class is by permission of the instructor on presentation of a chosen example of written work. Limit of 12.

CREAT BOOKS SEMINAR Richard Lyon

The seminar offers students a chance to read a few of the Western classics they have wanted to read but haven't had time to. Five books will be selected by the instructor and five by the students.

Seminar participants will write five short papers, discussing a term or an argument, an episade or a character in five of the books chosen. Topics will be auggesceed by instructor, but students will be free to desire before one. No research will be expected or required for these papers.

The group will meet once weekly for three hours. Enrollment will be limited to 15, by lottery if necessary.

PILM WORKSHOP II Abraham Ravett

RA 310

This class emphasizes the development of skills in 16mm filmsking, including preplanning (scripting or story-boarding), classatography, sound recording, editing, and post-production. Students will have weekly assignments, and vill size be appected to bring a film to completion, by conforming their original and developing a final sound track.

Students will also have the opportunity to screen seminal film works in the areas of documentary, narrative and arperisental filmmaking. Additional out-of-class accessings, and some readings in the history and theory of circum will also be assigned.

A goal of this course is the continued development of a personal way of seeing and communicating, in the context of an existing cinematic language and discipline.

There is a 335 lab fee for this course, which entitles the atudent to the use of camera and recording equipment, and transfer and editing facilites. Students must purchase their own film and pay their own processing fees.

The class will meet once a week for three hours. Enrollment is limited to 12 by permission of the instructor. In general, Film Workshop I will be considered a prerequisite for

PROTOGRAPHY WORKSHOP II

Jerry Liebling

This class is a forum in which students can develop their creative vision in photography, their knowledge of the sathetic and social context of the photographs, and their checkled skills. Each student will generate the context of t

Prior photographic experience is required. Enrollment will be limited to 12 students, and determined by permission of the instructor. The class will meet once a week for four hours, with extensive additional lab time enrollment of the lab fee of 35 metties the student to determine facilities, lab supplies and chemicals. Students must supply their own fills and species.

HA 313 PILM/PHOTOGRAPHY 111 Jerome Liebling

A workshop course for <u>advanced</u> students who have completed File II. Photography II or the equivalent background. Students will continue to develop their create the thick knowledge of the aesthetic and social context of fither motion picture production or photography through group and independent projects.

Class will meet once a week for 3 hours. Enrollment is limited to 15 by interview with instructor.

HAMPSHIRE COLLEGE CHORUS

Ann Kearns, Conductor

The Chorus ments on Monday and Wednesday, 4-6 p.m., in the Recital Hall of the Nosic Building. Our fell season includes Such centates with full orchestra and soloists for Pail Weekend, and a Winter Concert in December. In the pring we will travel to Boston. Faculty and staff are well-december to the property of the property of the property of the Pail Weekend, and the property of the Pail Weekend of the

CREATIVE MUSIC-ADVANCED SECTION

Roland Wiggins

This course is offered to students who have completed NA 284 or its equivalent. It will explore in depth the syntax or melody, harmony and rhythm in horizontal and vertical combinations. Archie Shepp, Portune, and others will be considered using both traditional and non-traditional analytical principles. Outside reading, listening, and concert stendards is mandatory.

The class will meet twice weekly for two-hour seasions. Enrollment is limited to 10 and an interview with the instructor is required. Division 1 students may enroll with special premission.

LABAN HOVEMENT ARALYSIS II

Continued study and application of Laban Movement Analysis theories. Emphasis will be on developing observation skills as they apply to more complex movement. Introduction to Laban's Space Mirmony Scales with effort affire and project will provide an opportant of the project will provide an opportant of the project manual provides an opportant of the project of apply (and demonstrate facility with INA principles and terminology to particular areas of interest.

Class will meet twice a week for 2-hour sessions. Enrollment is limited to students who have had LMA I. Class size is 15, first come.

Writing is a critical skill for work in every School at Hampahire. For additional writing courses, please refer to the Writing/Reading Program.

NSNSNSNSNSNSNSNSNS School of Natural Science

COASTAL AND MARINE SCIENCES

Coastal and Marine Sciences is a new and growing program at Rampshire and within the Five Colleges. Opportunities now exist for students or feel state programs of study through courses, particularly the programs of study through courses, particularly to field studies, research, and through the state of the feel studies, research, and through course of the feel studies, research, and through the feel studies of the feel studies. Hampshire and the Five Colleges now have cooperative arrangements with Northess Colleges now have cooperative arrangements with Northess Marios Environmental Institute, Inc., a biological field studies on Cape Cod, and Decan Research Education Society (commers of Regina Marie, a 146 ft., three-masted Darkenting) whose programs and facilities may be used by our students.

Key faculty members at Hampshire College are Charlene D'Avanto, marine ecologiat; Nancy Goddard, marine bollogiats/parasitolo-giat; and John Beld. 2015. A marine actance interest group sects regular calence forcest group of courses in marine biology, marine motion group and coulogy are regularly offered at Hampshire. Additional regular offerings are available in the Five Colleges.

WOMEN AND SCIENCE

WOMEN AND SCIENCE When a serious and sciences is an informal program in which faculty, students, and staff are involved in seminars, courses, and project advising in the following areas: cientific theories about useem and the impact of the seminar of the seminar words is lives, words is biology, muttiled the seminary of the seminary

For more information contact Ann Woodhull or Nancy Lowry.

Courses and other c.ferings:

**Human Biology (M.ric Bruno, Ann Woodhull)

**Biology of Warner Bruno, Ann Woodhull)

**Biology of Warner Humberson and Nary Looney)

**Woodn and School Celeck Workboy (Merie Bruno)

Frimate Rehavior and Ecology (Deb Martin)

**Anthropology (Deb Martin)

**Anthropology (Deb Martin)

**Litbrary Consultation (Melalar Selin)

Other faculty involved: Such Rinard

•	•
	from the early solar system, and look in detail at the processes of the carry solar system, and look in detail at the processes of the carry solar transfer and carry solar
	by which the earth continues to start and the same of I t
HEALTH STUDIES	continents. Field work water
a de de de la marca de contra such as	will require that we develop in the land accordacy both in
-nutrition, reproduction, and exercise	hand specimens and under the management landscapes
-anthropology of health and disease -preprofessional training for, and, study of, medicine, physical therapy, sports medicine, and certain "alternative" approaches	from the viewpoint of those product the field studies
to health care	will emphasize western alestation and at the processes by
-women's health issues ach topic has both a strictly scientific content and a human Each topic has both a strictly scientific content and a human Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of study Context, and we encourage students to devise programs of students.	which running water restayes the
which take these into account for example, studying the bio-	Assignments will include readings from both a text and the original literature. Students will be expected to complete
tional issues (involving biochemistry, nutrition, anthropology,	an independent research project
etc.). Students in each of the state of in other basic sciences	Cluss is limited to 20 students, first come, first served basis. Class will meet twice a week for 90 minutes each, plus one
such as physics, chemistry, and areas of	Class will meet twice a week for 90 minutes tatin, plan four hour field trip/lab per week.
Maria Bruno - physiology	[
John Foster - biochemistry Jamet Gallagher - reproductive rights 6 legal issues	
Len Click - anthropology	NS 121 - HUMAN BIOLOGY
Kay Henderson - reproduction	Ann Woodhull, and Merle Bruno
Kay Henderson - reproduction Nancy Lowry - chemistry and premedical studies Deb Nartin - anthropology, especially diet Lynn Miller - generics and microbiology	The human bodyits structure, functions, behavior, and dis- easesprovides a variety of topics for students to explore, easesprovides a variety of topics for students to explore.
Laurie Mischoli - economic of health and illness	Human biology will begin with all translations to three specific
Ann Woodhull - physiology, especially exercise	areas of exploration to be pursued to the
	evaluate its content. Students will the day into three
NS 101 EXTRATERRESTRIAL INTELLIGENCE	discussion groups. Each group will discussion, The three
NS 101 EXTRATERRESTRIAL INIBLE LOCATION Tom Dennis*	research specialties will be:
	Special attention will be paid to the love of
the universe has continuously the been repeatedly	-Breast and bottle recoing.
diminished. The idea that intelligent beings may exist on	and public health questions will be led borld
other worlds has fascinated mainting the extraterrestrial communica-	
tion may be possible. Now can we communicate? Are these other worlds ready to receive our messages? Have other worlds already tried to communicate with us? Our search will lead us to con-	media, such as the high incidence of hypertension among place. Americans, increase in risk of heart attacks of women who know while on the "pill", the effect of exercise on the heart smoke while on the "pill", the effect of exercise on the heart and arteries, and some of the new technical procedures such as and orteries, and some of the new technical procedures used as
tried to communicate with do	smoke while on the same of the new technical procedures such as and orteries, and some of the new technical procedures such as artificial hearts, coronary bypass surgery, clot dissolving artificial hearts, coronary bypass surgery, clot dissolving artificial hearts, and some and surgery coronary bypass surgery.
 aider: a) the astronomical evidence - what factors determine how many planets are suitable for life, and how close to earth the 	chemicals, and transplants will be addressed. Students will
nearest one may be:	and ways to measure certain aspects of
How did it evolve; what conditions	function. The aim of this course is to coordinate these studies so that The aim of this course is to coordinate a selection of topics
necessary for intelligence to emerge: c) the nature of communication - What kind of a measure must c) the nature must be communication - What kind of a measure must c) the nature must be communication - What kind of a measure must c) the nature must be communication - What kind of a measure must be communication - What kind of a measure must be communication - What kind of a measure must be communication - What kind of a measure must be communication - What kind of a measure must be communication - What kind of a measure must be communication - What kind of a measure must be communication - What kind of a measure must be communication - What kind of a measure must be co	students have an opportunity 17 to the students have momber.
c) the nature of communication - that kind of a message must be used to show we are intelligent? How successful have we been at deciphering the communications of bees, dolphins, or other nonhuman species? other nonhuman species?	in depth in a small group the control of the contro
other nonhuman species? d) philosophical implications - Should we transmit? or just listen?	and blochemical principles to the
a distant and exticles	program, and 5) to get to know the tacott,
in current journals. The contract lant 2 weeks of the	Class will meet for 90 minutes twice a week and for an addi- tional 90 minutes twice a week for the first month of the term.
term. In the intervening time, the state which will be	tional 90 binuces twice a social in
presented to the class during Distant Levens. In past	
terms, student projects that the produce amino acids	NS 129 BIOLOGY OF THE NEW ENGLAND SMALL FARM
from inorganic compounds under conditions	Larry Winship, Ray Coppinger, and Kay Henderson
-examination of the evidence for decomposition	One of the greatest green revolutions of all times took place here in New England. Thousands of people were able to stratch here in New England. Thousands of the Northeast. For
-discussion of the impact of the Urson welles	here in New England. Thousands of people were allowed a five line of the Northeast. For out a livelihood from the stony soils of the Northeast. For out a livelihood from the stony soils of the Northeast.
radio broadcast; -evaluation of physical, biological (and psychological?) im- pediments to human-dolphin communication, and attempts to	economic and social reasons, agriculture went into a decline economic and social reasons, agriculture went into a decline in the 19th century and much of the farm land has reverted to in the 19th century and much of the farm land has been estimate.
overcome them.	in the 19th century and much of the 1stm land been estimate. forest or has been covered with housing. It has been estimates that Massachusetts now "imports" over 80% of its food. Howeve many people are now looking for an agricultural revival in New many people are now looking for an agricultural revival in New
*Tom Dennis, a Mount Holyoke astronomer, will teach the course	many people are now looking for an agricultural people England as farmers see new economic opportunities and people search for alternative lifestyles.
at Hampshire.	the second secon
	This course will focus on the bloody of three soils (decom- found on a diversified farm or in any ecosystem: soils (decom- found on a diversified farm or in any ecosystem: soils (decom-
NS 104 OPTICS AND HOLOGRAPHY	found on a diversified farm or in any ecosystem. Solls (transposers), crop plants (primary producers), and grazing animals, in this case, sheep (primary consumers). We will study the basic biological aspects of farming including the relationship that the provision of the plants of the physical party.
. Everett Hafner	between soil conditions and form health, the physiology and
A sequence of lectures, laboratory exercises and special pro- jects in the study of light. In developing the theory we use	and afternative steep tood,
only the simplest sattlements and plangroom demonstra-	behavior of ruminants, as well as the ormation and their control with livestock guarding dogs. We will also consider the ecological connections between these compo-
tative arguments, computer programs, and training of a 50-millivatt tions. In the laboratory we take advantage of a 50-millivatt helium-neon laser, a large steel optical table, and other equipment of research quality. Having mastered the elements	nents.
equipment of research qualtry. Having mastered the elements of optics and the basic techniques of holography, students are free to design and carry out their own projects. The experi-	The course will be taught by a plant physiologist/ecologist. an animal physiologist, and an animal behaviorist, each active an animal physiologist.
free to design and carry out their own projects. The experience ments can cover a wide range, from simple studies in interfero ments can cover a wide range, from the polygraphic measures.	an animal physiologist, and an animal physiologist. ly engaged in research on agriculturally important topics. ly engaged in research on agriculturally important topics. Stu-
metry to new applications of laser light the discount	the class, to make an oral presentation, and to complete a te
ment. Aside from its acientific value, interestications of the photography with coherent light is creating new art forms. Students of photography and graphic arts can use their lab tie to compose holograms of artistic value. As part of their work to compose holograms of artistic value. As part of their work to compose holograms of artistic value.	project including a written paper.
to compose holograms of artistic value. As part of their work students are encouraged to present topics of special interest	Class will meet for 90 minutes twice weekly, and for a three
to the class.	hour field trip once weekly.
Enrollment is limited to the first 20 students to apply. Class will meet once a week for three hours. Individual	
Class will meet once a week for three hours. Individual laboratory work is scheduled throughout the week on an hourly basis.	NS 172 THE NUCLEAR AGE
<u> </u>	Allan Krass
MS 107 EVOLUTION OF THE EARTH	The discovery of nuclear fission in 1939 has led over the succeeding 43 years to some of the most important science any succeeding 43 years to some of the most important science and succeeding 43 years to some of the most important science and succeeding 43 years to some of the most important science and succeeding 43 years to some of the most important science and science an

We will investigate the earth's evolution from two points of view. At the outset, we will consider the earth's development

The discovery of nuclear fission in 1939 has led over the succeeding 43 years to some of the most important science and public policy issues in all of human bistory. In its military applications nuclear energy has related the prospect of mass destruction beyond the most deranged dreams of past conquerors and has given human beings the power to destroy overnight

everything they have built for a thousand years. In its civilian applications nuclear energy has posed difficult quantions of values and priorities in modern society and have raised to unprecedented visibility the issue of our obligations to the safety and well-being of future generations.

This course will attempt to define and analyze the major public policy questions posed by nuclear energy. These questions have scientific, political, and othical dimensions, and the course will try to article the proper balance manning these. One major objective of the course will be to help students develop a clevel of scientific and mathematical literacy in the field of nuclear energy which will emable them to evaluate critically the claims of the various sides in the public debare. Topics covered will include, among others, the physics of nuclear fields of mathematical literative and effects of radioactivity, the effects of muclear weapons, nuclear reactor safety, and nuclear weapon proliferations.

	proliferation.
	The only mathematical prerequisite for this course is a good working knowledge of high school algebra. No previous courses in physics or calculus are necessary.
	NS 180 AQUACULTURE RESEARCH IN THE MAMPSHIRE COLLEGE BIOSHELTER
ı	Charlene D'Avanzo
	The second floor balcony of our new solar greenhouse support

The second floor boltomy of our new solar greenhouse supports a battery of fiberglass sitos that each hold over 500 gallons of water. Besides providing heat for the greenhouse at night of the greenhouse at the state of the greenhouse at the state of the greenhouse at the state of the state

Enrollment is limited to 10, instructor permission

Class will meet two afternoons a grack and an occasional hour once a week.

ENERGY UTILIZATION AT HAMPSHIRE Fred Wirth

Fred Wirth

Built during the profligate '60s, the buildings on campus use up about 10% of your tuition somey just to keep you warm (and cool), and happing illustration. The actuation is not without hope for improvement the proflect of the control of the control

Students will be expected to originate or select an individual project early in the term and either complete it or produce a substantial progress report before the end of the term. The text will be hore Other Homes & Carbage by Leckie, et al. In addition several exercises illustrating important mathods and topics will be assigned. This seaseter many projects will be originating in the new Hampshire Bloshelter.

Class will meet 1 hour 3 times a week.
NS 206 MARINE ECOLOGY
Charlene D'Avanzo
Murine ecology is a rapidly developing field; in this cr will explore many of the questions and concepts consider portant by modern marine ecologists. Topics covered in factors limiting primary production, interactions betwee ducers and consumers, nutrient cycling, and community in in the marine continuous. In the first few weeks of t

is the martia contromment. In the strail lev weets of the well discuss each of these topics in the context of a single habitat—the sait marsh—and we will end this section with a two day field experiment in a sait marsh no Cape Cod. The rest of the course will be devoted to a thorough reading of <u>Martine Felosical Processes</u> published in 1986 b). Valiels. In the limbrarory students will be introduced to the organisms currently under discussion. There will be a laboratory fee of 550 to cover the cost of the field trips.

to cove	the co	st of	the field	tilps.					
Class w	ill meet	for	90 minutes	twice	a week	plus	a 2	hour	lab.
VS 208	. 1	TART	PHYSIOLOGY						

Lawrence Winship

In this rourse, we will study the cellular, blochesical and physical processes which allow plants to grow, reproduce and adapt to their physical and biotic environment. Topics we will cover include:

-carbon and energy gain: C3,C4,CAM photosynthesis:
-water uptake, transport and loss: transpiration and drought
-carbon and uptake and allocation: soil/plant interaction
-entered nutrient uptake and allocation: soil/plant interaction
-introgen assiniation: symbiotic nitrogen fixation, nitrate
-reduction:
-plant growth and regulation: horances and herbitcides:
-flowering and reproduction: photoperiodism, seed biology:
-flowering and discoveries in plant science as our primary
reading material. The text will supplement and add breadth to
empirical general and below the production of the physiology by
completing projects which couplement the readings. evolutionary changes (comparative physiology) and short-term adaptations (such as responses to heat, cold, exercise, or altitude). The course will include loctures, discussions, and laboratory work, and there will be readings in primary acientific papers and a textbook. Students will do substantial laboratory were in a series of five laboratory investions in which they will be introduced to techniques for measuring supercs of their own physiology and that of some dimains. There will be short writing assignments on the reading and thorough write-ups of laboratory work are expected. Students are expected to have passed their Natural Science Division I examination and to have some skill at reading primary scientific papers. This is one of the regularly scheduladvanced blology courses intended for blology concentrators, and it is also simed at other Division Il students with an interest in health or human physical performance. Work for the course will include problem sets, lab write-ups, a class presentation and an independent lab project. Class will meet for ninety minutes twice a week, plus an after-noon lab session. Enrollment is open. Class will meet for 90 minutes twice a week plus one three hour laboratory once a week. PHYSICAL SCIENCES AT HAMPSHIRE CELL BIOLOGY NS will be offering the following upper division courses on a regular basis: Lynn Miller The principal subject matter of this course will be the recent advances in the molecular biology of musmalian (human) cells. To do this, we will read and discuss a series of review and original research articles on the chromosomal location of original research articles on the chromosomal location of the production of smootlonal antibodies, and the recent of the production of smootlonal antibodies, and the recent of the production of the pro Astronomy is taught by faculty at all the five colleges. The usual sequence is: Fall
ASTFC 19 Space Science
ASTFC 21 Stellar Structures Spring
ASTFC 20 Cosmology
ASTFC 22 Calactic Structure These courses are offered every year Chemistry
General Chemistry is a two semester course offered every other
year. It is not offered 1984-85. In the laboratory we will introduce some of the techniques and many of the instruments used in cell biology. Students will be asked to design and carry out short research projects in groups or individually. Organic Chemistry is a two semester course offered every year. Mathematics: All physical scientists should take the following quence:
Fall Spring
e Calculus Linear Algebr
ok seminars on advanced topics are also offered. Fall The Calculus Class will meet for 90 minutes three times a week, plus a four hour lab once a week. Physics: General Physics A/General Physics 8 is a two semester 200 level sequence that can be taken in stiff gitter order. The two vill be offered every year in the Fall and Spring respectively. The Fall semester vill emphasize applications in a specific discipline (e.g., biology and medicine, earth science or energy technology), siternating between biological and physical science focus. In 7all 84, it is earth sciences. In general, there will be one higher level book seeinar per semester. Possible will be one higher level book seeinar per semester. Possible will be considered advanced sechnatics, sodern physics, old date physics, thempostroms. NS 258 COMPUTATION STRUCTURES In this course we will explore the many levels of organization in a computer, ranging from digital logic circuitry through assembly languages up to high level programming languages such as LIST or Pascal. Hierarchy and modularity will emerge as key principles of or-ganization. These concepts provide powerful tools for design-ing and understanding modern computers. The Physical Science Interest Group: This seminar will be seeded by the week during the semester to provide a forum for faculty of the semester to provide a forum for faculty one another, plan the ongoing development of the physical actions another; plan the ongoing development of the physical action students, faculty and guests. We will explore relationships between levels of organization in computer systems, and we will do projects designed to produce featilisticy with key elements of each level. There will be a considerable amount of laboratory work, assetly programming, but slike introducting some principles of digital electronics. The primary pre-requisite is a good working knowledge of at least one programming language. The intended audience of tocurse is students whose concentrations will include comput science, but who cannot fit entire courses in computer arch NS 211 ORGANIC CHEMISTRY (FALL) Nancy Lowry tecture, operating systems, and language design into their The first semester of organic chemistry focuses on the struc-ture of molecules and how the structure influences reaction pathways. The structure influences reaction pathways are structured in the structure of the Several problem note a meshed led but more time in seeded to complete the experiments. The course will meet twice a week for 2 hours each. NS 260 THE CALCIDIES A high school introduction to chemistry is essential; Division I students may take the course if they check with the instruc-David Kelly The calculus provides the language and some powerful tools for the study of change. We'll avoid the paradores of infinity and still teals of instancenous velocities, infinite sums, and ratios of infinitesimals. Differentiation of the study of the study of tangent linearies will be defined and applied to the study of tangent linear loopes of curves, areas, volumes, free fall and other motion, periodicity, exponential growth and decay, carbon dating, the spread of rumors, and inflationary spirals. Class will meet three mornings a week for 1-1/2 hours, plus one lab per week. Open enrollment. ADVANCED BIOLOGY COURSES A group of upper-level biology courses will be taught on a regular basis so that students can plan shead to include them in their concentrations. In any given two-year period, courses in all of these topics will be offered, although the instructors in all of these topics will be offered, although the instructors complete its down in the course schedule, with a notation on each course showing when it will next be offered. This course introduces the basic concepts, techniques, examples, and applications of the standard two exemeter college treatment of differential and integral calculus, including the elementar transcendental functions, Taylor series, and differential equations. The pace will be brits and a grasp of high school algebra is recommended. There will be desity wirll work, lots of problems, a weekly (necessary) evening problem session, and a little history and philosophy. Offerings for 1984-85 Fail: Animal Physiology, Plant Physiology, Molecular Biology Spring: Biochemistry, Reproductive Physiology, Ecology, Genetics Class will meet three times a week for 1-1/2 hours each, and problem help time will be arranged. Participants are expected to attend, in addition, a weekly evening problem session. Fall: General Physiology, Cell Biology, Animal Behavior Spring: Enzymes, Nutrition, Evolution/genetics NS 295 A&B HITCHCOCK CENTER PRACTICUM IN ENVIRONMENTAL EDUCATION INTRODUCTION TO CALCULUS AND COMPUTER MODELING FOR SCIENTISTS AND SOCIAL SCIENTISTS

Kenneth Hoffman

Traditionally, the mathematical preparation for scientists and quantitatively-minded social scientists begins with a year or more of the calculus. Easy access to high speed computers has increased the usefulness of other tools. For almost all actentiate (with the possible exception of physiciats enemgiasely) the connect of this course is more appropriate than calculus. Topics will include:

NS 220

ANIMAL PHYSIOLOGY

Ann Woodhull and Merie Bruno

Physiology is the study of how organisms work. Students in this course will study the physiology of animals (including humans) by looking at verious body functions including cardio-vascular, respiratory, reproductive, excretory, and nerve/ wantle. The instructors are particularly interested in how eminals adapt to the environment, both through long-term

Functions and graphs
Computer simulation, calculation, and plotting
Eleonatray linear sigebra (vectors and matrices)
Linear Hodels (including input-output analysis, linear
regression, and analysis of variance)
Concepts of the calculus (the language and its interpretations)
Difference acthods (applied to approximating solutions to
differential equations)
Elementary probability and statistics (including the use of
interactive statistical programs to save, modify and analyze
data) No previous programming experience is required; the computer will be used throughout the course. Classes will meet three times a week for 1 hour each session; additional evening problem sessions will be scheduled using occumpus teaching assistants. Regular substantial problem sets will be assigned and will constitute the heart of the cases work. An optional extra helf hour session after each class work. An optional extra helf hour session after each control to the control of the control o NS 273 SS 273 HUMAN EVOLUTION AND THE SOCIAL ORGANIZATION OF Debra Martin and Barbara Yngvesson This course, taught by a physical anthropologist and a cultural anthropologist, will explore the basts for social organization of gender. We will be examining evidence for human evolution from the fossil record and primate behavior, and socio-cultural data from constraint an optimate behavior, and socio-cultural data from constraint the competing hypotheses that have been generated concerning the evolution by contrasting the reconstruction of early human behavior facility by the "manthe-hunter" anded with that suggested to facility by the "manthe-hunter" anded with this suggested too. Also explored will be the vay that cultural anthropologists use social data from modern gathering-hunting societies to infer the origin and function of gender roles. Topics to be explored include: prints behavior and assumptions about male dominance, reproductive behavior, mating patterns and kinship, sexual disorphise and the distribution of labor, subsistence patterns, sharing and the distribution of subsidiary and subsidiary of the strength and weaknesses of existing models of human biological and cultural evolution. This course will observe the subsidiary of the strengths and the development of existing models of human biological and cultural evolution. This course will also provide a basis for addressing theoretical questions regarding the sexual division of labor, and the social and cultural organization of gender cross-culturally. Class will meet for 90 minutes twice a week. NS 282 GENERAL PHYSICS A: PHYSICS WITH APPLICATIONS TO GEOLOGY AND EARTH SCIENCE Herbert Bernstein, Frederick Wirth and John Reid Two main branches of physics will be considered: mechanics and theradynamics. Course material—examples, problems, laboratory work, applications—will be based extensively on a considered in the course will originate in the course will originate in the closer and information in the course will originate in the laboratory and only later be considered in a classroom setting. The laboratory will begin with observations of geological, settorological, and physical phenomana, and then develop the idealizations that make a detailed understanding of these processes possible. Classroom work will use these observations and published research in geophysics and geology to make plain both the subject matter and the analysis involved in physics. nere will be 3 classroom meetings a week (1 problem session, locture/recitations) and a 3 hour laboratory. Students will be expected to asintain careful records of their laboratory rk, do one extensive laboratory investigation on a topic of wet rehelve, and work substantial weekly problem sets. Enrollment is limited to 20 on a first come first served basis. General Physics A will alternate: in odd-numbered academic years (like 1985-6) it will have applications in blostience; on even-numbered years (beginning with 1984-5) we will focus on earth sciences. PHYSICS HELP Frederick Wirth and Herbert Bernstein Do the "tools" of this particular trade look were like hostile weapons? Has problem 32 of chapter 6 given you a sicepless night? Come to us! We can help with information, conceptualization, practice and the various tricks of said trade. Students taking General Physica A or any stailar course elsewhere should be especially aware of the existence of this resource.

Merle Bruno and Nancy Darmstadter+

The Hitcheck Center for the Environment can provide a variety of opportunities for actualents who wish to gain teaching exper-ience in environmental properties of detailed descriptions of two of the opportunities are given poly. all Namey Dem-stadter (236-6006) <u>before</u> you register for either of these activities.

A. Integrated Environmental Education

This program emphasizes the development and implementation of an activity-oriented environmental education program. Partic

punts will work with the Hirchcock Center stuff leading Amberst area school children on environmental field trips. The program provides an opportunity to learn about and facilitate environ-mental learning experiences while offering featilitately with environmental education resources and teaching activates.

Participants are expected to complete a variety of short read-ing and writing assignments, assist with one field trip per week, complete a smell project, attend two elementary school presentations, and write a final paper.

Evaluation will be based on completion of all assigned work and full and regular participation in all scheduled meetings.

Class will meet Monday afternoons 1-4 and field trips are held on Wednesday or Thursday mornings.

B. Environmental Curriculum Development

Participants work with the School Program Coordinator to develop and implement environmental classroom presentations. Students meet with the coordinator once week at a mutually convenient class to develop an origination content of many content of the coordination of the participants are expected to purticipate and asserted the asserted content of the participants are expected the assigned conding. A written description of an original presentation is required.

Evaluation will be based on reliability, quality of presenta-tions, and written work.

Five College Students may request a P/F final grade.

+School Program Coordinator, Hitchcock Center for the Environment.

SPECIAL TOPICS IN ASTRONOMY

Recent developments in astronomy will be examined in a seminar format. Topics include formation of the solar system, plane-tary rings, space astronomy, stellar activity, binary stars, catecylemic variables and axtra-terrestrial life. Encodemnt is limited, permission of instructor regular formations in the permission of instructor regular solar follows: NS 101 or 103 or equivalent. To be given to set to College. Offered in alternative years—will be given Fall 1984.

ASTFC 13 THE SOLAR SYSTEM

An introductory course dealing with civilization's evolving perception of our nearest neighbors in the universe. Slightly more advanced than introductory survourse in astronomy an intended for students who descent of the sky; the Coperation revolution; the same of the sky; the Coperation revolution; the measurement of the Earth and planets, their revolution; therefore, atmospheres, and interiors of the planets and their satellites; sincer objects in the solar system; and the origin and evolution of the Earth and other planets.

Prerequisite: High school algebra

Text: Exploration of the Universe by George Abell.

BOOK SEMINARS IN MATHEMATICS NS 320

David Kelly

Whenever a group of atudents decide that they'd like to learn a certain piece of mathematics, they are encouraged to meet with one of Hampahire's mathematical faculty members to arrange a book seainar.

Students in a book seminar will meet with an instructor for one hour each week and amongst themselves several hours each week.

Topics which have been proposed for book seminars include:

Modern Algebra: The study of eighbraic structures such as groups and fields, with applications to number theory, geometry, physics, and puzzles.

DIV. Grad, Curl: Basic tools and results of sultivariable calculus useful for the study of electric and magnetic fields. Probability: The mathematics of chance and theoretical background for statistics. Complex Variables

Differential Equations

HEALTH ISSUES SEMINAR

This scainar is for Division III and upper Division II students whose interests focus on health related issues. The class will be run in a Journal club style with each participating member presenting a one hour senior on current research in the fitting students will be expected to distribute an abstract and bibliography one week prior to their presentation in the requires a commitment from the requires a commitment from the arrollment is initiated to 12 senior that the requires a construction from the arrollment is limited to 12 senior that the construction from the

TOPICS IN ANTHROPOLOGY

Deb Martin and Barbara Yngvesson

This colloquium is a meeting ground for students whose concentrations include an anthropological perspective. We will gather swery other week for discussions of current issues in anthropology, viewing of files, presentations of studence faculty work, and possible presentations by outside speakers.

Class will meet in the evening for 2-1/2 hours every other week

NS 340

BEHAVIOR SEMINAR

Raymond Coppinger

This semins is intended for indvanced students in animal behavior. We will review and discuss the literature, concentrating on journal articles and other one which are relevant to on-poing domestic must be succeeded by the fare Center. The subject matter will not a consider the subject matter will not a considerable of the fare Center. The subject matter will not a considerable of the fare center. The subject matter will are not considerable of the fare center. The subject matter will be expected to turn into an experimental design. Each student will carry out the experiment, reporting on the results both orally and in writing.

Seminar will meet once a week for 90 minutes.

NS 348

Cryophysics involves the production and maintenance of very low temperatures (0.05-4 K), to explore the peculiar behavior of "He in both bulk and superfluid film. No more than four students can be accommodated in work that will take place both here and at the University of Massachusetts. The graduate-level research course concentration on heverage yeardater and data acquisition. Students much hard to technique and data acquisition. Students much previous experience in both physics and grant laboratory skills. Enrollment limited to 4, institute permission required. Meeting times Tab, but you must have one large free afternoon or evening block for serious lab work.

ASTFC 19

PLANETARY SCIENCE

Milliam Deni

Planetary science is a unique field within astronomy since the use of speceraft has opened up the entire solar system to direct exploration. As a result, progress in planetary scienchas relied on a variety of scientific techniques in addition those of traditional astronomy, and basic principles of geolog geophysics, sectorology, and biology are explain and understance and the principles that the traditional structure of the law principles of the control of the law that the field provides a good introduction to the law that different disciplines approach problems.

ASTPC 19 is an introductory course in planetary science for physical science sajors with an interest in the solar system. The course will survey current knowledge of: the interestors, surface features and surface histories of the terrestrial planets and plan

Class will meet Tuesdays and Thursdays. Prerequisites are one semester of calculus and one semester of some physical science (physics, astronomy, or geology). Some femiliarity with physics in sesential.

STARS AND STELLAR EVOLUTION

Tom Arny (lectures) Tom Dennis (labs)-

Stars and stellar evolution for students interested in a qui titative introductory course. Observational data on stars: masses, redit, and the Kersprung-Russell disgram, the battle stars that the temperature. Nuclear energy generation; stars and the origin of the elements. The three possible wa a star can die: white dwarfs, puisars, and black holes.

Prerequisites: one semester of calculus, one semester of physics. (physics may be taken concurrently), and an elementary knowledge of computer programming.

This course will meet Tuesdays and Thursdays 2:30 to 3:45 PM. Labs are open five nights a week at Mount Holyoke College.

ASTFC 37

OBSERVATIONAL OPTICAL ASTRONOMY

Richard White

An introduction to the techniques of gathering and analysing astronomical data. The optics of telescopes and spectrographs. Error analysis. Astrometry, photometry, spectroscopy, and their use to determine the positions, solions, and the temperatures, radii, masses, and chemical compositions of sters temperatures, radii, masses, and chemical compositions of sters

Two 90 minute lectures and one evening laboratory per week.

Prerequisites: ASTFC 21 and 22.

ASTROPHYSICS I F. R. Harrison

Basic topics in serronomy and astrophysics. Gravitational equilibrium configurations, virial theorem, polytropes, hydrodynamics, thermodynamics, radiation transfer, convective and radiative equilibrium, settlar and planetary atmospheres, the equations of stellar structure. The physics of stellar and galactic structure. Regulation 2.572 21-22 and the physics sequence, or permission of the instructor.

Writing is a critical skill for work in every School at Hampshire. For additional writing courses, please refer to Hampshire. For additional wr the Writing/Reading Program.

School of Social Science

\$5 107

HISTORY OF FEHINISH

Ma. Caret Cerullo

The question, "That is feminism?" is in part an historical one. The purpose of this course is to look at the development of the course is to look at the development of stone of the secure is to look at the development of the property of the looking at the historical predecessors of the "second wave" of feminism which oruped in the late 60s to understand to what extent our current debates are repeating historical ones, and to what extent they represent new departures. Each cost will be situated in other context as well as in relation to our own shelps, John Stuart and Barriet Hills, about 10 to 10 to

There will be frequent short writing ausignments as well as a final paper. The class will peet for two hours once a week. Enrollment is limited to 20 students; first come, first served, with a lottery if necessary.

SS 121

THE AMERICAN CENTURY: SHAT PAPPENED?

Carol Bengelsdorf, Margaret Carullo, Alian Krass

The United States emerged from Yorld War II se the precentions world power militorily, economically and politically. This power rested on four solid pillura and politically mover the Boylet and political political hospitally and political hospital polity over the Boylet and part and political hospital polity consumers upperly and dominate economically in the Third World, and a domestic foreign polity consumsus that agreed that "politics stops at the water's edge."

which happened? This course will focus on these four pillars of American foreign policy in an attempt to understand why all of them have been seriously weakened in the 38 years since 194. To what extent was this weakening caused by U.S. actions; to what extent by the actions of others; and to what extent by the resistible forces beyond the control of any nation! It is our intention to try to understand the domestic roots and consequences of U.S. power and its erosion. This should enable us to locate the bases and the historical meaning of the secial movements which have been growing around the draft, U.S. intervention, and nuclear weapons.

The class will meet twice a week for 1-1/2 hours each session. Earoliment is limited to 25: first come, first served.

ELECTIONS IN AMERICA SS 127 CCS 127

Robert Rakoff, Susan Douglas

RODETT RANCHI, SUBAN JOUGIAS

The purpose of this course is to analyze the 1986 presidential election from a critical and historical perspective. Readings and lectures will explore theories of desocracy and participation and will also survey the history of elections in Aserica and analyze several critical elections of the past. In addition, we will study the development of the role of the media in the electoral process, examining which makes the condidates and the issues are emphasized, and which ones understand the representation play in animaling the Digitimacy of the political system. Special sciention will be paid to the participation, both past and present, of women and minorities in the political process.

In addition to completing a series of selected readings, stu-dents will be expected to follow the 1984 campaign in various modda. There will be several short written essignments and a final paper which could serve as a Division I examination in citier Social Science or Communications and Cognitive on The class will met twice a week for two hours each session. Enrollment is open.

THE SOCIOLOGY OF MEDICINE

von der Lippe

This course will focus on a social science view of American modicine. Topica cowared will include the history and organizational development of modification. Topica cowared will include the history and organizational development of medical form the view to the present. We will be review the development of medical education that the review the development of medical education that the superior of the economic, social, culturel, and pay particular attention to the economic social, culturel, and pay particular attention to choose sherical today. Though the course will hat we see across America today. Though the course will have see across America today. Though the course will necessary the second of the presents of the particular to those compations and presented the course will also pay attention to choose of the paramedical folials as nursing and health care addinistration will be truded and, as ticle permits, some of the paramedical roles and occupations will be studied.

Since this is a Division I course, the pace of the work during the semester vill be determined by the race at which students sees to be moving. There is no "one port" that the instructor has in aind for the course. The accomplishment of a Division I examination is a goal which the instructor because it is goal which the instructor such achieve. The course is limited to 16 roughes such student can achieve. The course is limited to 16 roughes such student of the class. The class will seet twice each week for 1-1/2 hours such season.

SS 157

HUMAN ACCRESSION

This course will examine a number of approaches to the study of human aggression as a these for introducing students to the vays in well as a student student to the vays in well as a student student student students as a student student student student students will be exposed to the assumptions which information. Students will be exposed to to obtaining knowledge, and will the social psychological approach to obtaining knowledge, and will be used to illustrate the psychological saggression which itses as the course progresses. Brought students are students of inquiry include innate theories of aggression institutes. As a Lorenz, Martin, Morris); learning theories (e.g., Bandura); A. Lorenz, Morris); learning theories (e.g., Bandura); and the students (e.g., Bardura); and the students of the students of

Students will be expected to write a number of short critiques of satigned readings, and to complete a number of take-home assignment dealing with research designs. Students will sluo do an indicated project which can take the form of a freserch paper on one title of the complete of the design of the design special project which can be provided by the design special content of the design speci

SS 169

MODERN POLITICAL THOUGHT: LANGUAGE, GENDER, AND POLITICS

Joan Landes, Carlos Lizarralde, Mandeliene Smith

This course wil introduce texts by Rousseau, bolistonecraft, Flora Tristan, Hagel, and Marx. Our goals will be threfold: (1) To achieve were view of each theoris's contribution and historical place in severylev of each theoris's contribution and the backdrop of political revolution and industrial change. (2) To counterpose not exhaliable readings of these texts to questions about women, exhaliable readings of these texts to questions about women, exhaliable readings of these texts to political discourse. We util employ the problematically and sexuality. Accordingly, we will employ the problematical of gender in our discoursions of political discourse. We util employ the problematical or when fineteenth-century "discovery" of class oppression and our the fineteenth-century acred prevailing conceptions of the pound private reals, the individual and the state. (3) Finally, we will briefly examice some recent writings by feminists and critical theorists on these authors.

This course is intended for first year students and those con-centrating or intending to concentrate in political and social theory, history, and featists actudies. Class will meet for 2-1/2 hours once a week. Enrollment is open.

* Carlos Lizerralde and Handeliene Smith are Hampshire College

ETHNOGRAPHIC FILM

Leonard Click

An ethnographic film is one intended to be primarily a source of accurate and interesting information about a people and their way of life. Although the history of ethnographic film can be traced back to the work of 8 more relatively in the 1970s, only during the past twenty years or at Limberty, in the 1970s, only during the past twenty years or at Limberty, in the 1970s, only during the past twenty years or at Limberty, in the 1970s, only during the past twenty years or at Limberty, in the 1970s, and a sailor endeavor for a significant number of anthropology and a sailor endeavor for a significant number of anthropological and cineation final ties, emphasizing the steadily increasing sophic cineation in the sailor of the sailor of

The class will meet each Friday morning for three hours to view and discuss one or two films. We'll see films about people as diverse as the Samonas, the IKung of southern Africa, the Yenomono of the South American tropicsi forest, pastoral people of East Africa, he people iving in the New Cuines Highlands, Aighanistan, Boitvie, and elsewhere. We'll also see films based on short stories by the Samegalese writer Sumbene Oussane.

Students will be expected to write four short essays (3-5 types pages) comparing and evaluating films. Enrollment is open.

200 LEVEL COURSES are designed as introductions to some of the issues, ideas, and subject matter vitally important as background for advanced work in Social Sactions. They are open to Saction of the Saction of Saction of

CAPITALISM AND EMPIRE: THE THIRD WORLD

Frank Holmquist, Kay Johnson, Frances White

Frank Nolmquist, Kay Johnson, Frances White
The course will, broadly greaking, comine her European concates created the Third World, and how the latter reacted. The
riac of capitalism in Europe and how the latter reacted. The
riac of capitalism in Europe and the set of various periods of the
imperialist throust are examined against background of the
nature of pre-contact Third World society background of the
nature of pre-contact Third World society background of the
nature of pre-contact Third World society background in
the latter of the set of the set of the set of the set of the
content of the set of the set of the set of the set of the
20th centurities during the late 19th and first half of the
20th centurities during the late 19th and first half of the
20th centurities of the set of t

Students will be required to write at least two papers during the course. Class will meet twice a week for 1-1/2 hours each session; open enrollment.

FROM ENLICHTENMENT TO REVOLUTION: THE ORIGINS AND IMPLICATIONS OF THE FRENCH AND HAITIAN REVOLUTIONS

Name vices, John Landers
This course will explore the economic, social, intellectual and
political developments of the 18th century in Europe and the
caribben. We will investigate the paradoxes of this Age of
Reason: slaveryil investigate the paradoxes of this Age of
Reason: slaveryil investigate the paradoxes of this Age of
Reason: slaveryil investigate the paradoxes of this Age of
Reason: slaveryil investigate and carlonalise, feesinism and
domesticity, federalism and carlonalism and compopolitonism. Our studies of particular, autionalism and compopolitonism. Our studies of particular,
autionalism and composite of the context of the changing world oconomic order will be set in
the context of the changing world oconomic order will highligh
the context of the carlo mation. This course will highligh
two of the three of each mation. This course will highligh
two of the three of could include the world will be a feel to the period.

The course will highlight of the 18th course will highligh
the critical rationalistic loss. No will try to establish
how the critical rationalistic loss. No will try to establish
how the critical rationalistic loss. We will try to establish
how the critical rationalistic loss. We will try to establish
how the critical rationalistic loss. We will try to establish

Readings vill be draw (from primary and secondary materials, including the (oflowths; malections from the writings of Mary Mollstonerari, jean-leadings with the control of the control of

INTRODUCTORY ECONOMICS

Stanley Warner

introduction to economic analysis, covering the principles both major areas of conventional economic theory (i.e., mind macro); serves as the needed proreptite to virtually advanced economics courses and itself contributes to a wide ed economics cou concentrations.

The text is R. Lipsey and P. Steiner, <u>Economics</u>, and the accompanying workbook. There will be an extensive take-home examination at the of the course. The class will meet twice a week for 1-1/2 hours each reseason. Enrollment is open. Five College students will be graded PASS/FAIL only.

SS 214

UNITED STATES LABOR HISTORY

Leurie Misonoff

This course will explore the history of the American working class from the aid-minetecenth century to the present. We will discuss the relevance of traditional historical concepts such as industrialism and trade unions, immigration concepts such as industrialism and trade unions, immigration concepts and aid-both ristory. The focus on unionization and strikenia and labor history. The focus on unionization and strikenia and labor history. The focus on unionization and strikenia and concepts of prolectarisation, homogenization, and segmentation to understand a working class communities, consciousness and concepts of prolectarisation, in the dealing race, exhibiting the prolectarisation in the dealing race, exhibiting the prolectarisation in the dealing race, exhibiting the production in the strike in the dealing race, children dynamics within different industries (e.g., charties) with which we have a considered in the strike of the control working the working class (e.g., electricity working class to the responses and strategies employed by the working class to the responses and strategies conjuged by the working class to the responses and strategies conjuged by the working class (e.g., electricity working class to the responses and strategies conjuged by the working class to the responses and strategies conjuged by the working class to the responses and strategies conjuged by the working class to the responses and strategies conjuged by the working class to the responses and strategies conjuged by the working class to the responses and strategies conjugate the working class to the responses and strategies conjugate the working class to the responses and strategies conjugate the working class to the response and strategies conjugate the working class to the response and strategies conjugate the working class to the response and strategies conjugate the working class to the response and the province of the working class to the response to the working class to the response to the working class to

Harris, <u>Out to Work</u>. We will also read articles, novels, auto-biographies and oral histories.

The class is designed as an introduction to and an essential component of concentrations in labor resulter, political economy, American studies, and feathist studies. And the studies will be expected to participate in class discussions and the complete several powers or projects. The class will need to complete several powers or projects. The class will need to take a week for 1-1/2 hours each session. Enrollment is open.

SS 218

PUBLIC POLICY IN THE AMERICAN WELFARE STATE

Aaron Bermen, Robert Rakoff

Aaron Berman, Robert Rakoff

This course will investigate the historical roots of contemporary welfare policies in the changing relationship of state and concessy during the era of monopoly capitalism of state and concessy during the era of monopoly capitalism of substantive 1933 will be on the development of the Social or substantive 1933 will be on the development of the Social welfare programs of the 1960s. Particular of 1934 will be useful to analyzing the development of the codured and the state of the programs of the programs of the programs of the programs. We will maintain a continue the programs of the programs. We will study in depth the abapting of social welfare programs. We will study in depth the abapting of social welfare through which such programs develop and put turing processes through which such programs develop and put turing processes this continued to the such programs of the habor market.

For evaluation students will be remarked to substitute on about the programs of the programs of

For evaluation students will be required to submit one short analytical paper and one longer research paper. The class will neet twice a week for 1-1/2 hours each session. Enrollment is

SS 219

THE JEWS IN MODERN HISTORY: AN INTRODUCTION TO JEWISH STUDIES

"Jevish Studies," as we define it, differs from "Judaic Studies" in that it focuses attention not primarily on religious or theological questions but on the call, political and intellectual history of a people. This course is designed to cover a long span of time and several part of the world, but our goal is to development.

present an integrated and coherent picture of historical development.

We'll begin by briefly tracing the social, political and economic roles of the leves Duropean civilization. Modern Jewish history began in the interdent century, in the same that Jew were granted civil right acceptance that you were granted civil right acceptance that you were granted civil right acceptance that you can also severe challenges, seeds a large numbers. But there ourse also severe challenges, seeds a large numbers. But there ourse also severe challenges, seeds and large numbers. But there is not a large number and the seeds of the century, pegrons canti-Jewish rico; in tone. By the end of the century, pegrons canti-Jewish rico; in the control problems of soedentity by turning to eny of several solutions political pumber came to the new promised land, America; some placed seed this socialist and revolutionary politics in the byone that in socialism and revolutionary politics in the byone that the control importance of a return to the ancient baseland. Glories and the prospect of a return to the ancient baseland. Succession of the seed of these "solutions" to the "Jewish product." Our tractains each of these "solutions" to the "Jewish product." Our tractains each of these "solutions" to the "Jewish product." Our tractains each of these "solutions" to the "Jewish product." Our tractains each of these "solutions" to the "Jewish product." Our tractains each of these solutions and try to show how fundamental themse from a cache of these and try to show how fundamental these from a cache of these and try to show how fundamental these from a cache of these and try to show how fundamental these from a cache of these and try to show how fundamental these from a cache of these and try to show how fundamental these from a cache of these and try to show how fundamental these from a cache of the cache of the solution of the fundamental these from a cache of the second and political programs, we will examine the social, economic and political

This course should prepare you adequately for advanced study any aspect of Jewish history and society in Europe, the United States, or Israel. Students will be expected to complete several written assignments. Class will neet twice a week for 1-1/2 hours each session. Enrollment is open.

SS 223

THE POLITICAL ECONOMY OF BLACK AMERICANS

Lloyd Hogan

The central hypothesis pursued in the course is that black Americans are fundamentally no different from any other people who have graced the face of the earth. Their history letters a production of the connent development which is quite paralleles and connent development their is quite paralleles housen history, deriver, during the last five centuries blacks have played more production of the production of capitalism in the world. The organizing period extension of capitalism in the world. The organizing period extension of capitalism in the world. The organizing period extension of capitalism in the world. The organizing period extension of capitalism in the world. The organizing populations, throughout the centuries. They undergone a continuing and stable set of social interval mudergone a continuing and stable set of social interval mudergone a continuing and stable set of social interval extension that bound then together in an historical reproductive embrace, to the section of the course organization of the populations.

Part I of the course presents a general framework for the study of any political economy. The parameters of the general case are then specialised to develope a typology of all the possible real-world political economies. In typology of all the possible many political economies are the special unique identity as a people apart, a distinct population ground the special transfermations at different points are comparamental transfermations at different points comparaments and the proposed political transfermations at different points are analyses the themselves facers of their origin, functioning, and development within various social formations. It begins with

their existence in Africa; it follows that fate throughout the Atlantic slave trade and their especiation under slave labor conditions; it snalyes their continuous under the system of feuuli sharecroping salyes to the Fart III devotes a good state of the special contributions to the system of vags labor during the last decade and a half. The course ends with some speculations about, and assessments of, their future prospects.

A highly selected, but quite pointed, bibliography is used.
Evaluation is based on the submission of a paper on a topic mutually agreed upon between student and instructor. The course
vill meet twice a week for two hours each session. Enrollment

SCHOOLED IN CONFLICT: CLASS, CULTURE, ENVIRONMENT AND RESISTANCE IN EDUCATION AND SOCIAL CHANGE

Myrna Breitbart, Rudy Torres

Hyrna Breitbart, Rudy Torres

The sin of this reading sentmar is to familiarize ourselves with recent athnographic and sociological literature in education and sociological varieties of the sentence of the

The course is structured in a seminar format. Students will be required to participate actively in class discussions, facilitate one or more of those discussions and complete written assignments of an analytic and ambatantive nature. Some backstround in political economy, occial theory, education, or urban studies is helpful. The class will meet for 2-1/z hours once a week. Enrollment is listined to 15 students; instructor permission required.

SS 244

CAPITAL AND COMMUNITY: A COMPUTER SIMULATION OF INDUSTRIAL CONFLICT IN CULPEPPER

Myrna Breitbart, Stanley Warner

Hyrne Breithert, Stanley Warner This course will offer advanced Division II and five College students the unique opportunity to assume decision—asking responsibilities around an important contemporary problemants of the property of the property of the property of the property of a simulation exercise, students will assume specific roles within a hypothetical community and worthless modelled after a medium-sized city in New England. In order of the property o

well as supporting articles, documents, and bibliographies.

The approach taken will be two-fold. On the one hand, lectures, projects and ensignments will provide students with factual projects and the students with factual projects and lectures will provide students with factual projects and lectures will also be designed activity on local economies; worker and community ownership options, etclined between the projects and lectures will also be designification of larging participants, in their rotations and the designification of larging participants, in their rotations and seasements of the light solution of the solutions of seasements of the lightly imports of plant closings on a community. In this second offering of the course, we will employ personal computers and criticates plant shutdown and seasements of the lightly imports of plant closings on a community. In this second offering of the course, we will employ personal computers and critical economic and social issues proper of these instruments as analytica we will employ the proper of these instruments as analytica work of the course, to consider the substitutions to critical economic problems.

The commitment of students to sustain their roles and complete individual and group tanks throughout the sensets is essential. Some background in the student, political economy, or economic geography and be useful. The class will neet twice a week for 1-1/1 more each session. Enrolleent is limited to 13 students: instructor permission required.

SS 287

ENVIRONMENTAL LAW AND SOCIAL POLICY

Nery Elien Burns

Increasingly our society faces great environmental and public health problems as a result of air and vater pollution, heardous vaste disposal and exposure of people and the vironment to toxic substances. What colutions does not not not an exposure of people and the attempt to
provide to these complex issues. College of the exposure of a composition interests and college competing political
provide to these complex issues. College competing political
provide to these complex issues. College competing political
provide interests and tis question, the course will explore the pit it call and philosophical underpinnings of some of
our competing the provided of the provided provided in the 1985s of the concept of governmental regulation of private
he 1985s of the concept of governmental regulation of private
activity for public protection; and the significance of private
activity for public protection; and the significance will become
familiar with some of the statutes and important legal coses in

the area. We will draw on books, articles, cases and other relevant sources.

The course work will include two short papers and one lengthie paper, the opportunity to learn to do legal research, and the opportunity to work on particular areas of individual centern. The class will meet twice a week for one and one-helf hours each seasion. Intolleant is open.

SS 257

THE POLITICAL ECONOMY OF AFRICA

Michael Ford, Frank Holmquist, Frances White

Michael Ford, Frank Holmquist, Frances White
The course is about African development, both social and material. We begin with a review of pre-colonial African society
and early contacts, including alswery, with representatives
intermational capital, illustrating how the presentative of intermational capital, illustrating how the contact colonial
tioned African development before lower of the contact colonial.

The committee devantage in Africa will be reviewed,
followed by an analysis of the nature of colonial industry and
agriculture, the creation of a new class structure, and the
evolution of African protest culsinating in national proceeners that win independence. The class structure, and the
evolution of African protest culsinating in national procecolonial society will be lower than the composition of the cultural development, the cultural development, enhericity, vomen, rural
dovelopment, and the vorking class. The nature of everyday
politics and military coups d'etax will be studied along with a
look at the comporative experience of capitalist and upen the
development estrategies, and special attention will be paid to
the current severe economic criefs.

The class will seet twice a week for 1-1/2 hours each session.

The class will meet twice a week for 1-1/2 hours each session. Enrollment is unlimited.

NEW DIRECTIONS IN HISTORY: A CONCENTRATOR'S SEMINAR IN EARLY MODERN EUROPEAN HISTORY

Nancy Fitch, Miriam Slater

Namey Fitch, Miriam Slater

This course is designed to explore recent writings in Early Modern European history. In part, the course will serve as an expension of the part of the course will serve as an encourage students to think about writing history. Thus, the course will also provide a MINIMAL introduction to non-history color will also provide a MINIMAL introduction to non-history call work (like the anthropology of victor Turner and Carlotter and the color of the

The course is intended for (and recommended to) students who want to do upper level work in history, social science, and the husanities. It is, however, open to anyone (at any divisional level) who has an interest in the material and who will participate in seminar discussions. Class will neet ruice a week for 1-1/2 hours each season. Earolleant will be limited to twenty students to be selected on a first come, first served basis.

HUMAN EVOLUTION AND THE SOCIAL ORGANIZATION OF

Barbara Yngvesson, Debra Martin

Barbara Yngweson, Debra Martín

This course, taught by a physical anthropologist and a cultural anthropologist, will explore bases for the social organization of gender. We will be examining evidence for the collaboration of gender. We will be examining evidence for for the fossil record, data on professional competition, and social cultural data from contemporation of early human behavior applications will be conserved the form of early human behavior inplied by the "manchabuner" model with that suggested in feedinate approaches the have been served to of early human behavior and sectial focus on the reproductive, econosic, and social focus on the reproductive, econosic, and social focus on the reproductive, econosic, and social focus on the reproductive econosic, on infer the origin and function of the contemporary of existing social of human proposed of the contemporary of the contemporary of existing social of the contemporary of the contemporary of the contemporary of the contemporary of existing social of the contemporary of the contemporary of the contemporary of existing social of the contemporary of the contemporary of existing social of the contemporary of the contemporary of existing social of the contemporary of the contemporary of existing social of the contemporary of the contemporary of existing social of the contemporary of the

Class will meet twice a week for 1-1/2 hours each session. Enrollment is open.

85 277

COUNTILE SOCIAL PSYCHOLOGY, OR THE WORLD THROUGH GLASSES OF VARIOUS COLORS

For the past two decades social psychology has taken an increasingly cognitive orientation. Attention has focused largely on how the individual functions in the social world AS SHE OR HE

SEES IT. Social cognitions are central to much of today's social psychological literature, and a little reflection reveals that we often do not respond directly to the barden of others. Accordingly, this course vill examine a social psychology, represent the covered property of the social psychology. Togics to be covered, include a social psychology and recent research topics in copretention theory, human information processing by covered that the reflects on such things as eyentions of the social psychology. The social psychology is a considerable of the social competition theory, person precipition theory, person precipit, and insights into our own cognitive processes. If you don't have played to the first class and find out.

The course will meet twice a week for 1-1/2 hours each session. Enrollment is limited to 20 students; first come, first served.

SS 291

INVENTING THE NEW WORLD: COLONIAL BRAZIL AND

The New World was not discovered, but invented. Those who came-Portuguese and Spanish explorers, mastionaries, royal addinistrators, merchants and inners-each sought to impose their aspiration simple transference of inherin statisticans or interpolation and previously unimagined landscapes and peoples. Could succeed. Land and labor took on wholly new transference of lower in the landscape and applications. Indians and Africans, from whom colorists would extract tribute or labor or whom they would convert to Christian belief and European ways, found ways to resists ethem from their own cultural past or by inventing new responses and allegiances. From the conflict, the original societies of the hew World were gradually forged.

moria were grauually lorgan.

Contrasting the colonial endeavors of Brazil and Mexico, we will examine the meaning of conquest and settlement from the distinct perspectives of Europeanu, Indians, and Africans. We will read the lecters of Cortes, Atasionary journals, reports from officials, as well as contemporary histories. We will examine evidence on the slaw trade and consider the consequences of massive demographic change. Not only will the search for mineral wealth or the extablishing of sugar plantations and mineral wealth or the catabilishing of sugar plantations of itical administration. Through such diverse expressions as ritual, patterns of family life, peerly, and some firm of the crewith Africans and indians recorded their determined cultural separateness. We will attend to that record.

Besides selected documents and articles, reading will include sections from James Lockhart and Stuart B. Schwartz, <u>Farly Latin America: A Mistery of Colonial Spanish America and Frantial Students will be expected to participate in class discousion, as well as to write two or three short exercises and a family paper. The class will seet vuice a week for one and one-half hours each session. Entollment is open.</u>

MAKING HISTORY: MARGIN AND MAINSTREAM IN THE ABORTION LAW REFORM MOVEMENT

This course will examine some of the contrasting ideologies and strategies within the movement to reform abortion laws in the 1900s and 1970s. The reform tement neconognased a startlingly diverse range of actor for the reformal tement neconognased a startlingly diverse range of actor for the reformal contrast of the reformal production activation activation productionists, and doctors impartient their professional judgment. We'll look at the preficients perceptions of their own (and each other's) roles and impact. Clashes over legal strategy reflected some of the tensions within the movement. The class will examine some of the early feafinist cases and compare then with the for y. Made formulation.

Evaluations will be based on class discussions and on two short papers, or one oral history project. The class will meet exceed a week for two hours. Students will also be expected a series of evening films and lectures. Envelope is listed to twenty-flow students (first come, first street.

AMERICA AND THE THIRD WORLD

Anthony Lake

An examination of alternative views of the Third World and pos-mibble American policy approaches towards it, covering such issues as human rights and containment; trade, debrid invest-ment; energy; food; population growth; refugees; mean and development; and foreign assistance strategies. Economic issues will be addressed from a POLICY rather than theoretical perspec-tive, suitable for non-economists.

Lectures and discussions. Class seets twice a week for one and one-half hours each session. Earoliment is limited to 25; lottory if necessary, with preference to Division II and III students.

SS 296

JAPAN: TRADITION, ADAPTATION, AND TRANSFORMATION

James relendon

A close study of those "traditional" values and structures that have been soit significant in Japan's growth during the last cancury into a major economic power. Emphasia villenges in the same of the major economic power, and the same of spreaches will be presented to the insuses of "tit" and "adaptation" durentlistation. A variety demands of "modern" society and while historical data will be of approaches will be presented in the same properties of a spreaches will be until be analytical and interpretative, amplication of the production of the present part predictions sociocultural, power and some graps of the part readitions sociocultural, power and school of the modern Japanes state and economy, and the yet in which they continue to shape the nation's conduct, both domestically

and internationally. At the same time, attention will be directed to the transformations wrought upon basic values and atructures by complex social changes and the intrusion of a new international environment upon Japan's traditional order.

Active participation in class discussions, one short paper and one long paper, and regular attendance are expected. The class will meet once a week for two and one-half hours each session. Enrollment is limited to twenty-five students; first come, first exerved.

300 LEVEL COURSES are advanced courses for students with previous work in the subject. Instructor permission is required for enrollment.

55 307

LAW. JUSTICE AND EDUCATION

"CONGRESS DEBATES SCHOOL PRATE" -- "SCHOOL CODMITTEE REMOVES
BOOKS FROM LIBRARY -- "TEACHER FIRED FOR VEARING TURBARY" -THACHER FIRED FOR VEARING TURBARY" -THACHER FIRED FOR VEARING TURBARY "THACHER FIRED FOR VEARING TURBARY "There are clearly many issues which could serve as the focus
for a course such as this, but the fact that school attendance
is compulsory presents each of us with the most initiate example of the intertwining of law and education. How pervasive is
this relationship? Mhat are some of the direct effects of this
court value? As the educational process? Does the law express
our value? In this course we will examine some of the current
topics confronting American education with an eye toward understanding the historical context in which the role of law
emerged to adjudicate controversies in school. We will consideer the civil rights of teachers and students: complety school
er the civil rights of teachers and students: complety school
opportunity as concept and law; and finally, we
are the function of the law and the school in a democratic society
and the function of the law in educational policy.

Students are expected to attend classes and prepare readings, short and long papers/projects, do observations, and participate fully in the inquiry. Format will insure seminar-style participation, but this will be alternated with lectures by faculty as well as invited guests. Because of the number and faculty as well as most considered softments as well as most of the suggested anterial required softments as well as most of the suggested anterial required softments as well as most of the suggested anterial required softments of the suggested and suggested anterial required softments of the suggested and sug

WOMEN AND WORK: WORKSHOP IN RECENT FEMINIST POLITICAL ECONOMY

Laurie Nisonoff

The past twelve years have victnessed a biosecoing of chapterial and case-study examinations of the interrelationship of gander and case-study examinations of the interrelationship of gander and case-study examinations of the research has been more directed towards other officers of the property of th

This course will be organized as a seminar with students assu-ing a substantial responsibility for discussion. Some back-ground in feminiar studies, political sconney, history, or pol-tics is expected. This course is designed for advanced Division II or early Division III students, but may also be used to fulfill the integrative seminar requirement if topic of project is appropriate. The class will sect once a weak for two hours. Enrollment is limited to twelve; instructor permis-sion is required.

RACE, CLASS AND SCHOOLING

Rudy Torres

This course will examine recent works that address issues This course will examine recent works that address issues related to learning and achooling in a culturally and tructurally pluralistic urban society. It will explore the nature and consequences of the processes and contexts that characterize the relationship between culture, education and the political econogy. Special attention will be given to atudying oscial class, culture and ethnicity in and outside the classroom serting, and the implications of the changing class cooposition of Third World communities for educational theory, policy, and the context of the context

The course will be conducted as a sealer with student-led dis-cussions of the sesigned reading. For a final project, students will write a paper on a topic relating to cuture and education. The class will seet for two hours once a week. Earollment is limited to fifteen students (first come, first served.

55 320

DOMESTIC VIOLENCE

Domestic violence has for too long been a "closeted" aspect of daily life in American society. Breaking the silence surrounding this crime is an imperative. The design of this course is to research the various types of domestic violence within our culture with an emphasic on discovering causes and reasons for the perpetuation of these time homored practices. The tapact of race, sex and class, and the influence of cultural variables will be eyscenatically integrated into the study of domestic violence. Topics will include: child abuse, slbling violence, battered women, fratricide, rape, incest, violence cagainst the clderly and homiferamed.

In this excellent course films and guest speakers will further stimulate and enhance the sessions. The class will neet twice a week for one and one-half hours each session. Enroilment is limited to twenty students; instructor permismion required.

SS 339 NS 339

TOPICS IN ANTHROPOLOGY

Barbara Yngvesson, Debru Martin

This colloquium is intended as a secting-ground for students whose common rations here used an anothropological perspective. We will gather one worning every ordered perspective out of sections are sectionally ordered to the control issues in anthropology, files, presentations of student or faculty work, and possible presentations by outside speakers Enrollment is open.

PORNOGRAPHY AND THE LAW: IMAGES OF WOMEN AND CHANGING CONCEPTS OF OBSCENITY

Mary Ellen Burns, Susan Douglas

Mary Ellem Burna, Susan Bouglas
This class is an advanced seninar for Division II and Division
III students interested in somen's studies, the law, madia, and
related fisields. The course will explore the evolution of pernography and obscentry laws in the United States in the 20th
century from an historical and legal perspective. We will
study selected cases through which American society has attempted, by defining what is legally "obscene," to define and redefine attitudes and norms surrounding sexuality and sexually
sense at section. In confunction, we will study the changing
contest section. In confunction, we will study the changing
materials. We will analyze the portrayal of women in films,
detective and pulp magazines, pin-up posters, the "crisc conics"
of the late 1940s and early 1950s, and in Playboy and other
contemporary sexually explicit publications. Throughout this
of women in permegraphic materials in the propagation of the contemporary executive contemporary exceeding the section of the sec

Students should be prepared for an extunsive reading list. The class format vill be primarily discussion, vith occasional lectures and slide shows. Students will research and write one major paper. The class will seet for two and one-half hours once a week. Euroliment is limited to thirty students: instruc

Division III Integrative

Seminars THIRD WORLD WOMEN AND FEMINISH IN 391 Joseph

Bernstein

WOMEN AND SCIENCE IN 395

Coddard

THIRD WORLD WOMEN AND FEMINISM

This course will ask what effect the feminist movement has/had on the lives of Third World women world wide. It will look specifically at the role of the multinationals in the exploitation of Third World women and the political action taken by women's and other groups to steen the tide.

The class will meet twice a week for two hours each session. Enrollment is limited to twenty Division III students; others with permission of the instructor.

IN 393 NEW WAYS OF KNOWING

Herbert Bernstein

Beyond the groves of academe, many people face the personal and political problem of putting disciplinary excelience to use for the granter good. To address this question requires us to examine the notion of value-free, objectified knowledge. The model provided by modern aclence as a source of truth often leads to brutal consequences when applied to real and crucial anotal insues. From within science, the morality of such major applications as recombinant DNA and nuclear technology meder carrying.

The record is not good: whether in Washington, Moscow, or Peking, in our own age or in the past, the brightest attempts (based on augnificant analysis) at well-intentioned programs have all too often ended in human suffering. The overriding question becomes how can we use what we know to further the common good? What new ways of knowing are needed to implement, rather than jance, our highest human values?

This course is a place to start searching for an unswer. Together we will study works by Poucault, Payerabend, Lakatou, and Rankin in order to gain a chared worabulary and direction. Participants will bring to our group discussions examples of work (whether their own or others') whose consequences and moral implications they wish to discuss. These examples will include inwestigations by the instructor on the roots of moder "Big Science" physics and recombinant DNA technology. Other topics slight include inswesses of the Milgram experiment, of educational trial programs, and of the supposed heritability of 1.0. The procise content will include the interests of every participant.

This course will serve interested Hampshire Division 111 students as an integrative seminar but is open to all, with instructor's permission.

Class will meet once a week for three hours.

IN 395

WOMEN AND SCIENCE

This seminar will examine vocen's place in science. The reading will include biographics and essays of vocen scientists (Rosalind Franklin and DNA, Working ILQ OUT feminiar criticisms of science (Biologica) Noman: The Convenient Myth), and articles on tokenism, racism, sociobiology, and body politics. Ne will address questions much as: Now does science look at vocun; Now are vocen scienciates treated by their colleagues? Would the content of science change if more women were scientists! What have our own experiences been? Class discussions will also be based on the fall semester Women and Science lecture scrience.

It is necessary for the participants to be committed to the success of the seminar. Students will be expected to lead one discussion and to give a short presentation of work in progress. The seminar will need once a week for 2-1/2 hours. The Women and Science lecture series needs four times during the semester.

PSPSPSPSPSPSPSP Division I Proseminars

These Division I courses are designed especially for entering students. They are offered by Iaculty in all four schools. Prosentars are of substants in the property of the pr

Faculty traching proseminars have agreed to grant preference in enrollment to entering students. ADDITIONAL DENOLIMENT SPACES NAVY BE AVAILABLE FOR MORE EXPERIENCED STEDENTS MAD ARE INTERNATED IN THE SUBJECT MATTER OF THE COURSE OR WHO BELIEVE THEIR LEAAVINES CHOLD BE WELL-SEVER BY THE PROSENTAME COALS

NOTE TO FIVE COLLEGE STUDENTS: There will be no pre-registration in Proseminars for Five College students.

PROSEMINARS

PRIMATE COMMUNICATION INNATENESS

Weisler SIX SOUTHERN WRITERS: A SENSE OF

PLACE? HA 139 AMERICAN LANDSGAPES HA 145

FROM PAGE TO STAGE

D. Smith Cohen

GODS, BEASTS AND MORTALS: THE

BEGINNINGS AND THE END OF POLITICAL THEORY

THEMES IN HUMAN DEVELOPMENT: INTIMACY AND SOLITUDE Roetricer HA 163

HUMAN BIOLOGICAL VARIATION: ISSUES IN "RACE" AND GENDER NS 123

Miller, et al.

PEASANT REVOLUTION AND VILLAGE SOCIETY IN MODERN CHINA SS 116

von der Lippe SOCIAL ORDER--SOCIAL DISORDER CLASSICS OF POLITICAL ECONOMY SS 126 PRIMATE COMMUNICATION (PROSEMINAR)

Munch beings and the higher primates (chisponsees, gorilles, and orangizens) are sattingly close in their genetic makeup, and orangizens) are sattingly close in their genetic makeup, years ago. In this course we will closely consider the sintlartites and differences moong the primates along one discussion in particular: communication. As a linguist, religiously consider the sintlartites and differences moong the primates along one discussion in particular: communication. As a linguist, religiously of the nature of human isanguage hildren? Now much of our linguister of human isanguage hildren? Now much of our linguister capacity is unique to include the proposed of the other primates. In order to understand this problem unique to the primates. In order to understand this problem yellow the feet of the other primates. In order to understand this problem yellow the of the other primates in addition, we will sufficient to the dramatic and control to save whether natural human languages can be taught to other primates.

Students will choose a single topic (the natural communical system of a particular species, or one of the aps/language experiments) and make an in-depth oral presentation to the class. These class projects are likely to develop into successful Division I examinations in Communications and Cognitive Science. We will need twice a week for 1½ hours each time. Enrollment is limited to 16.

INNATENESS (PROSEHINAR) ccs 111

Steven Weisler

In one of Plato's dialogues Socrates maintains that "inquiring and learning are nothing but recollection." That is, when we think we have learned something, they result you one is simply remembered it from a programmer with all knowledge, it's just that "No millenis later the British philosopher it to remember you may be removed in the removal of the proposity view." Het us suppose the John be, se we say, white paper, void of all characters, without any tides-flow comes it to be furnished. To this I answer, in one word, from Experience." That is, at birth we know othing.

Plato and Locke can be regarded as holding down the opposite poles of a dispute that has recently recovered as a holdy decided that the recovered as a holdy decided that the recovered as a locky decided that the recovered that it is the character of the things we learn decimals before we learn them by virtue of our interactions with the world of experience?

with the world of experience?

In this course we will attempt to unravel the complicated strands of this issue by examining the approaches of vortice therefore of human psychology to this problem with a room for their philosophical underpinnings and their emphasis will be on such contemporary theorists as a successful so on the work of contemporary theorists as an adverse while so the work of contemporary theorists as an adverse with successful so on the work of contemporary theorists as an adverse with successful so the work of contemporary theorists, and modern philosophers.

"as well as on the work of contemporary or philosophy will be presupposed, so of bort paper assignments, and several shorter indicates assignments. Students are encouraged to develop Direction of the second s

SIX SOUTHERN WRITERS: A SENSE OF PLACE? BA 139

This is a working seminar on the fiction of Zora Neale Hurston, Eudora Welty, James Agee, Plannery O'Connor, Gilliam Faulkner, and Alice Walker.

How does a literature seminar define itself? Often, the teacher elects a resding list with some unity of historical teacher elects a resding list with some unity of historical period, generally the seminary of historical period, generally the seminary of historical period period, generally the seminary of authors, has done in the seminary of the se

During the first part of the course we will discuss together one work by each of these writers, seeing what questions, what "ways of reading" appear to us important. Then in the concluding weeks we will select one writer and return to try to apply what we've discovered to several of her/his works.

As for my point of view-the possible questions or kinds of unity in had in sind in choosing these particular retrieval to see or race shape the segment of busin spread provided by the control of the co

As a proseminar, the course will include several workshops devoted to methodology and to the development of study and

writing skills. Regular writing--short biweekly essays and a longer research paper will be expected.

Enrollment will be limited to 15 students. The class will meet twice weekly for 1 1/2-hour sessions.

FROM PAGE TO STAGE HA 150

What is it that we are responding to when we attend a theatrical performance?

This course will explore through lecture, discussion, a non-threatening improvisational performance what a play and how to "works" for and on an audience develop personal, critical sensibilities chout theatre, develop personal, critical sensibilities for theatre, develop personal, and the demattic elements in other performance action, and the demattic elements in other per

Readings will include plays from various periods and dra-matic/performance theories ranging from aristotle's Poetics to Brecht, Artaud, and Peres Brook. We Hampshire (and other Five College) of formances in order to critique them, keep a The "Preserve Personal, urite several essays, and culsinate in order "Preserve Pennal, urite several essays, control of the preserve and the preserve personal order to critique them." There "Yeunts" with the preserve of the preserve and the preserve as the basis for Division One Examinations.

This course is especially recommended for students entici-pating future work in Theatre, Marrative Film and/or Video, or for students with an interest in the Perforaing Arts and Drematic Literature. There are no pre-requisites.

Enrollment is limited to 20 Division I students. The course will meet twice weekly for 1 1/2 hours.

GODS, BEASTS AND MORTALS: THE BEGINNINGS AND THE END OF POLITICAL THEORY HA 152

Nobert Heagher

In order to situate ourselves politically in a thoughtful manner it is well to realize that, as historical mappings go, both the emergence and the demise of western political philosophic political that the season of the seas

Our principal readings will be: Plato. The Republic: Thomas Nore, Ucopin; Machiawalli, The Prince: Thomas Robbes, Rore, Ucopin; Machiawalli, The Prince: Thomas Robbes, Rore, Ucopin; Manuscriptir, and Tooling Stones: Rathinsting the Political. Robert Magher: Our Country of the Robert Magher: Our Country of the Robert Magher of the Robert Magher

This course will meet twice weekly for two-hour sessions. Enrollment is limited to 20, first come.

THEMES IN HUMAN DEVELOPMENT: INTIMACY AND SOLITUDE HA 163

As theses in our lives, solitude and intimacy are inex-tricably intertwined. We know, for example, that we can be distressingly alone in the presence of others-even lonely to the point of terror or depression sames those we love or upon whom we depend for care. And we know as well that there are gifted times of being alone, of solitary commun-ion, in which our capacity for intimacy is renewed.

ion, in which our capacity for intismey is renewed. Our principal interest in this proseminar will be in developing fuller, more differentiated understanding of the monifold experiences of intimacy and solitude. Put another way, we shall be inquiring into the arts of solitude and intimacy, and their spoilation: the nurturant and entered the second of the second o

encourer to scagnation, snotner to construction.

Close critical examination will be given to a variety of portraits in prose and fills, including Littlian Rubin's Intimate Strangers, May Sarton's Journal of a Solitude, Augustus Napier's The Family Crucible, Titlie Olsen's Tell May Buddle, and soveral of the films of logour Respace. Title Construction of the Respace of the Strangers, when the Passion of Anna', "Face to Face", and "Autumn Sonata").

race" and Autumn Suman ",

A major comphasis will be placed upon studenta' writings
short in-class experiments, journal heaping, stories and
short cessys over and reworked-writing grounded in personal experience, responsive to our common reading and viewing and to further foraging in reales of special interest to
individual students and small working groups.

The accinar will meet twice weekly for one-and-a-half hous sessions. Enrollment is limited to twenty students.

HUMAN BIOLOGICAL VARIATION: ISSUES IN "RACE" AND

Debra Martin and Nancy God

bebra Martin and Nancy Coddard

While we humans are organic beings, we are peculiar among living forms because we are, above all, cultural, beings. To understand loans and diversity, both the biological and cultural disensions of human life must be integrated. This course will be taught by an anthropologist and a biologist to take a holiatic study to an anthropologist and a biologist to take a holiatic study to the study of humankind. Human diversity, specificacy the physical traits which are traditional and females, will be expired through inferences being at the blochesteal, organisale, and and procedure being at the blochesteal, organisale, and and procedure being at the blochesteal, organisale, and procedure being at the blochesteal, organisale, and procedure being the study of function, integration, the course will review the complex interpartion of biological and cultural influences affecting the diversity of human populations on a global scale. Fundamental principles of Nendeltan and population genetics of little differences with respect to difficult district, descent history, environment, demography, and gender roles on the genetic composition of human populations. Questions which this course will address include:

and genuer rose of the general address include: Questions which this course will address include: -Now do sex hormones affect human behavior? -What is skin color an adaptation to? -Are humans sexually dimorphic (are males always larger than

es)? ould human environmental relationships affect our species'

How would human environmental relate to the classical "ractal" How does biological diversity relate to the classical "ractal" divisions, and are these useful in the study of our species? Are such behavioral characteristics as aggression, dominance, and independence instituctual, innate, or learned?

and independence instructure, insert, of scattering the file class is to sensitize the students to the significance, even the essentiality, of human diversity to our continued existence as a species. Students will be continued to actively engage in class discussions and to equippe the period of the continued of

Class will meet for 90 minutes twice a week.

EVER SINCE DARWIN

Lynn Miller, et al.

"Getting tired of being human is a very human habit." R. Dubois. In the last few years a number of authors have attempted to reduce human latter and the reduce human hatforeness in human behavior which keeps can and the latter are very linear to graph the latter and the latter are very linear to graph and the latter are well as a latter and the latter are well as a latter and the latter and the latter are latter and latter and the latter are latter and latter and the latter are latter and latter and the latter and latter are latter and lat Class will meet for 90 minutes three times a week.

SS 116

PEASANT REVOLUTION AND VILLAGE SOCIETY IN MODERN CHINA (proseminar)

This course will study the role of the peasantry in the Chinese revolution and the impact of socialist development on peasant revolution and the impact of socialist development on peasant could be a social section of the course will begin by considering general theories (Marx Engels, Lanin, Robbaum, Mao) which look at the reasons peasants rebel, the nature of peasant political behavior and the strengths and weaknesses of peasant behavior and the strengths and weaknesses of peasants will then turn to the Chinese return the peasant level of the revolution and the peasants during between the Chinese return and the peasants during the revolution section and the development of the Rosist approach revolution. Finally, the course will investigate the revolution section and the finance of Communitar Tarty polities on willage society. The general themes the result of the peasant in the Macist strategy of post-revolutionary socialist development and the inpact of Communitarium that the peasant in the Macist strategy of post-revolutionary socialist for to evaluate the Chinese peasant society. The general themes the major lines of continuity and change in the peasant in the peasant in the major times of continuity and change in the peasant in the peasant in the major times of continuity and change in the peasant in the peasant society in the peasant peasant in the peasant peasant

ernization.

The course will be organized into informal lectures (which will present general background, comparisons with other societies and some material gathered in a recent visit to a Chinese village) and student-led workshops based on course readings and related topics generated by the particular interests of the participants. The class will meet tyles a week for 1-1/2 hours each meeting.

Enrollment is limited to 16.

SOCIAL ORDER -- SOCIAL DISORDER (proseminar)

Robert von der Lippe

i t "normel" for societies to be ordered? When it happens, how does it come about? Are wocieties aver disordered and what are the factors that lead to that condition when it occurs? In this senianr ev will concretate on American society and yo to understand how the concupts of norms, roles, seniority, power, and social organization play mer in the maintenance of order and the occurrence of size and will run from classic to current on alyes of American society and will try to represent society soys and the society and will try to represent society so the society here at language in their own studies of their society here at language in their own studies of their order or disorder and then develop plans for an enalysis of those fladings.

A final paper will be expected of each participant as well as a

A final paper will be expected of each participant as well as a number of shorter works which will lead up to the final project. The class will seet usive a week for 1-1/2 hours each session. Enrollment is limited to b.

AMERICAN LANDSCAPES

"American Landscapes" will use atories, novels, postry, essays, paintings, films, and photography to examine ways in which, since early settlement, the land and "landscape" have been used as a way our culture says things about itself, learns about itself, plearns about itself, plearns about itself, plearns about itself, plearns of expect and the people who occupy it. Some of the themes that we take up: the idea of vilderness, from early Purtanism through Preservation to current crises; the idea of "vitgrin land" and how this has affected the way our culture has historically looked at unappropriated apact; the culture has historically looked at unappropriated apact; the culture has historically looked at unappropriated apact; the culture is a novel or about a propertyles", the way visual framework way the "propertyles", the way visual formation of the culture is a novel or about a tory to the culture is a novel or about a tory. The culture is a novel or about a tory to the culture is a novel or about the culture is a novel or about the culture is an about or about the culture. Williem Faulkner, Robert Prost, John McPhee, and many others.

SS 126

CLASSICS OF POLITICAL ECONOMY (proseminar)

This course is designed to familiarize the student with some of the great contributions to the development of Western liberal thought. The choice of materials will be repricted to those authors whose works are considered to be the most significant "miliptenee", visions" of the origin, function, and final outcome of either of the two general models of liberalism that have evolved in Enlightenment thought: from 18th-19th century classical liberalism to 20th century "new" corporate liberalism.

porate liberalism.

An historical survey of the develonment of liberal ideology (from its classical to new liberal paradigm) will be presented and analyzed within the concext of the changing nature of contemporary capitalism. An intensive study will be done of the most representative authors in each of these modern of the most representative authors in each of these modern of the most representative authors in each of these modern of the most representative authors in each of these modern of the most representative authors in each of these modern libbbes, John bevey, John Haynard Kaynes, Charles Guoley, Edward Boss, Jana Addams, Richard Ely, Mary Parker Follett, Walter Lippamun, Ceorge Herbert Nead, Joseph Schwapeter, Tjalling Koopanss, John Stuart Hill, Retbert Croly, or Charles Merrian. In each case, emphasis will be placed on: (1) the nature of the intellectual crisis confronting acholars in the understanding of contemporary economic process; (2) the special way in which the author formulated the problems to be studied; of his/her works on or unique mode of inquiry; (6) the impact of his/her works on contemporary the basis for evaluation will be a series of short papers which demonstrate an understanding of the main lodes and analytic methods as well as the interrelationship between the authors.

The class will meet twice a week for 1-1/2 hours each session. Enrollment is limited to 16.

W/RW/RW/RW/RW/R Writing/Reading Program

Writing/Reading Program

The Reading and Writing Program offers assistance to atudents interested in strengthening their communication skills. Because of the importance which writing acquires at Hampshire, we offer a range of activities designed to meet varied student needs.

Individual tutorials comprise a major part of the program. In brief, our strategy is to use the work in which the student is presently engaged. Cenerally, this mean course work, divisional exame, proposals, division it and III papers. From this writing we address the issues of organization, effective enalysis, clarity, woice and development of an effective enapsis, the composing process. Our concern also is to help students to understand their problems with starting and/or finishing work, and to develop strategies for overcosing writing markety and and ordevelop strategies for overcosing writing markety and inseparable from Purchet we regard reading and writing as inappropriate and the control of the c

Writing help includes classes as well as individual cutorials. Each semester Basic Writing Skills and Writing Workshop (see below for dearcriptions) are offered. In the spring, Rewising Skills, a course designed to assist students with the preparation of divisional exams, is also taught. Seginning in fall '83, a course designed for students for whom English is a second language will be anded to our course selections.

Periodically throughout the year, we conduct workshops in the houses. Topics covered include stress and the decisional process, writing anxiety, and the composing process - from getting an idea to polishing the final revision. During January term, courses are offered which are explicitly concerned with revising term papers so that they are ucceptable as divisional exams.

Appointments for tutorials may be made by calling Deborah Berkman at x531 or Will Ryan at x646. Classes are run each semeater and are open to all students.

WP 101

BASIC WRITING

In this class students will work to improve their

expository writing skills; understand writing as a process; and develop effective writing strategies for different disciplines. The class will also emphasize the isportance of critical thinking as a first step in effective analytical writing. Thus, we will spend considerable time discussing selected readings representative of different disciplines. Writing analytical writing. The process of th

The class is open to first-year students, with a limit of 16. Other students may enroll if space is available. Interested students should sign up before the first class. We will meet for one hour, twice a week. Sign up at Proscott 101.

WRITING SKILLS FOR ESL STUDENTS

This course will provide instruction in communication skill development, and is designed specifically to assist students for whose English is a second language. Although the course will focus primarily on the development of writing skills, other issues such as smalytical reasoning, reading comprehension, note taking, and research skills will be addressed as well.

Assignments and topics will draw on different disciplines, and students will be encouraged to use their other courses as a forum for improving their skills.

Class limit is 15. We will meet for one hour, twice a week. Sign up at 101 Prescott or first class.

WRITING WORKSHOP

Deborah Beckman

This class vill have as its subject matter ourselves as writers. Class time will be apont engaging in three streets. Class time will be apont engaging in three streets. Class time will be apont engaging in three streets will be apont engaging in three streets will be apont engaged by the streets and the streets will be apont on the redeers of the class fundate will read their writing to other members of the class in-order to strengthen voice and develop audience, as well as to receive feedback and constructive criticism. At the complication of a final draft, the class will again discuss the paper, this time with a focus on the effectiveness of the changes which the drafts have undergone; (3) Discussions of the writing process: Also at regular intervals, we will discuss as a group the particular difficulties we are having, or have they are to develop structagies tor overcenting writing bluck, procreatination and other hazards to our progress as students and as writers. students and as writers.

The goals of the class, then, are the following: (1) to understand the central role of revision in the composing process, and to gain revision skills, through concentration on a few papers which will go through successive drafts; (2) to develop critical/analytical skills in relation to peers' writing; and (3) to overcome writing anxiety and "blocks" through an understanding and usage of the concept or writing as process.

The class will meet twice weekly for 1 hour. Enrollment is limited to 16 - by lottery if necessary.

OPOPOPOPO **Outdoors Program**

The Outdoors Program is a voluntary, coed alternative to compulsory physical aducation and intercollegiate team sports. In the past, it has offered Students extensive opportunistes to learn mountaineering, rock climbing, and other outdoor skills, with an orientation toward student and staff initiated expeditions and trips. Equipment and arrangements for cross-country skifng, snowheating and orienteering have been made continuously available.

The Hampshire Outdoors Program tries to give special emphasis to integrating outdoor and physical learning experiences with the rest of college and life. Programmatically that means the Outdoors Program collaborating with Hampshire faculty, staff, and students in omgoing courses (a possible example: a cannot crip down the Connecticut Niver as a part of "The American Literary Landseape").

"Fusion of body and intellect" has long been a goal of the Outdoors Program. This year the Program will continue to offer body potential work and body awareness alongside of outdoor skills courses.

A third goal, to facilitate a personal experiencing of natur will terminate in opportunities for local natural history or plorations, as well as continuing to make hiking, biking, camping, cross-country sking, snowbhozin, caving and expe-ditioning available to interested students

During January Term and vacations, the Outdoors Programs major trips and expeditions occur. They have included cities and alaba. Nosemite, and Colorado, also the Mitte Nountains to part of the Colorado, also the Mitte Nountains women's crips of the Colorado, also the Colorado, also trips of the Colorado and the

The Outdoors Program emerges as not a physical education de-partment, not an athitic program, not an outling club, not an Outward Bound model, not a nature study program, not intra-murals, and not a School of the College. What is Kt? It is an attempt to open up possibilities for integrated learning

of body and psyche, to promote an awareness and understanding of nature, to support students in creating their own physical and outdoor experiences, and to Join physical ways of learn-ing about oneself and the world with other ways of equiring knowledge.

In addition to the following courses, the Outdoors Program offers a great variety of trips and other activities. These range from slide shows to three week-long wilderness trips. These are announced through the Outdoors Program bulletin boards, house newsletters, and the Outdoors Program calender (available at the Outdoors Program office).

WILDERNESS FIRST AID AND RESCUE

T. Kyker-Snowman

CANGE TRIPPING

T. Kyker-Snowman K. Kyker-Snowner

BEGINNING TOP ROPE CLIMBING

K. Kyker-Snowman

ADVANCED ROCKCRAFT ADVANCED TOP ROPE CLIMBING

OP 1138

Cormirian

PHILOSOPHY OF EXPERIENTIAL EDUCATION

Warren Varren

WOMEN'S BODIES/WOMEN'S STRENGTH

K. Kyker-Spo

OP 103

WILDERNESS FIRST AID AND RESCUE

Thom Kyker-Snorman

This course has two components: an Advanced First Aid Course leading to certification and a wilderness rescue skills practicum.

There are no prerequisites for the Advanced First Aid course. We will cover the American Red Cross syllabus with particular emphasis on constraints imposed by delayed access to medical facilities.

The rescue practicus will include sessions on variety of emergencies encountered in wilderness and outdoor sports activities. These will include such skills as: search techniques, components of wilderness first sid kits, improvised litters and evacuation pracedures, remaring cold and valued interest and evacuation pracedures, remaring cold and care control of the control of the

The course meets Wednesdays, 1:00-5:00 p.m. and Fridays, 1:00-3:00 p.m. Enrollment limited to 15.

CANGE TRIPPING Thou Kyker-Snovman

Expeditions by cance have been a chosen way to explore new territory for centuries. An efficient, quiet, versatile way to travel through the backcountry, cance tripping has been developed into a definable practical art.

The course is primarily experiential - most of our time is spent in canoes. Skills covered include flatwater paddling, poling, porceguing, safety procedures (high winds, lightening, etc.), gear and food planning, route planning, and even how to rig a makeshift sail. Time permitting, we will build canoe paddles, share slides of past trips, and squeeze in a weekand trip. Each participant should lawe the course with the skills required to organize a wilderness canoe trip of their own.

No previous experience assumed. Maximum enrollment - 12. Course meets Thursdays, 1:00-5:30 p.m.

BEGINNING TOP ROPE CLIMBING

This course is for people with little or no rock climbing experience. It will cover basic safety techniques, rope work, knots and climbing techniques. Enjoy the opportunity to exercise your body and mind through such mediums as an indoor climbing wall and many of the local climbing areas. Beginners are especially welcome.

Enrollment limit: 12. Class meets Tuesday afternoons 12:30-5:30 p.m.

OP 112 ADVANCED ROCKCRAFT

Kathy Kyker-Snowman

This class is for lead climbers who want to gain more depth in many areas of climbing. We will go beyond the basics and practice anchor set-ups including hanging belays, multiple rappells, ascending, aid climbing, self rescues, litter lowers, and advanced climbing technique. One third of the time will be spent climbing; two-thirds doing technical climbing exercises.

Class meets Thursday from 12:30-5:30 p.m. Enrollment limit: 8 Permission of instructor required. Sign-up at the Outdoors Program office.

course guide

44MPSHIRE College

Codes

ARB Arts Building Cole Science Center EDH Emily Dickinson Hall FPH Frankline Patterson Hall Music and Dance Building PFB Photography and Film Building RCC Robert Crown Center

DH Dakin House EH Enfield House Greenwich House Merrill House Prescott House

ELH East Lecture Hall MLH Main Lecture Hall WLH West Lecture Hall Performing Arts Center

To Be Announced or Arranged

Schedule of Classes

Course		Instructor	Enrollment Method	Limit	Time	Place
CCS 103	Human Memory	Baker-Ward	Lottery	20	TTh 9~1030	FPH 104
CCS 107	Reasoning: Intro to Logic	Wall and a second	Open	None	MW 3-5	FPH 102
CCS 110	Primate Communication	Feinstein	Prosem	16	TTh 1030-12	FPH 102
CCS 111	Innateness	Weisler '	Prosem	16	W 730-10pm/TBA	FPH 103/TBA
CCS 112	Computers in Everyday Life	Miller,Muller,TBA	1st Come	48	MWF 1030-12	FPH WLH
CCS 127	Elections in America	Douglas/Rakoff	1st Come	30	MW 1-3	FPH 108
CCS 129	Women and Morality	. Michaels	1st Come	20	w 1030–1	FPH 106
CCS 143	Visual Literacy/Media Crit	Jones	InstrPer	25	WF 1030-1230	FPH ELH
CCS 205	Minimalist Journalism	Kerr ·	Lottery	15	- MW 9-1030	FPH 105
CCS 221	Intro to Cognitive Science	Garfield, et al	1st Come	30	TTh 1030-12 -	EDH 2
CCS 223	Issues in Behavioral Devel	Baker-Ward	InstrPer	20	MW 7-830pm	FPH 105
CCS 296	Data Structures	TBA	InstrPer	16	TBA	TBA
CCS 303	Computer Science Conc Sem	Iba	Concentrator	None	MW 3-5	CSC 126
CCS 306	Video Production Seminar	Jones	InstrPer	10	₩ 2-5	TV Class
CCS 308	Philosophy of Psychology	Garfield	InstrPer	20	W 1030-130	FPH 104
CCS 317	Machine Learning/Puzzle Solv	Iba	Prereq	None	TTh 130-3	Kiva
CCS 317	Media Campaigning	Miller	InstrPer	10	T 12-3	EDH 2
		Stillings	InstrPer	12	м 1230-3	FPH 103
CCS 319	Adv Seminar on Vision	•		20	TTh 1-3	FPH 102
CCS 320	Automata Theory	Wall	InstrPer		T 1230-3	CSC 114
CCS 341	Pornography and the Law	Burns/Douglas	InstrPer	30	1 1230-3	030 114

H&AH&AH&AH&AH&AH

School of Humanities and Arts

Course		Instructor	Method	Limit	Time	Place
HA 105 HA 113 HA 114 HA 139 HA 141 HA 142 HA 145 HA 150 HA 150 HA 159 HA 163	Mays of Seeing Modern Dance I Modern Dance II Six Southern Writers Writing Workshop Short Story Writing Workshop American Landscapes From Page to Stage Gods, Beasts and Mortals Man-Made Environment Themes in Human Development	Murray Nordstrom/TBA Nordstrom Kennedy Berkman Hanley D. Smith Cohen Meagher Juster/Pope Boettiger Blair	InstrPer 1st Come 1st Come Prosem Lottery InstrPer Prosem Prosem Prosem Open Prosem Lottery	12 25 20 15 16 15 16 20 20 None 20 16	TTh 1030-12 TTh 9-1030 TTh 1030-12 TTh 1-230 MW 3-4 TBA MW 9-1030 TTh 9-1030 TTh 830-1030 WF 2-4 TTh 9-1030 MWF 1030-12	ARB MDB Dance MDB Dance FPH 106 FPH 107 TBA EDH 4 EDH 1 FPH 106 EDH 3 FPH 103 EDH Div4
HA 194	Introduction to Acting	DYCTI	Doctory	10		

Ennallmant

Course Ha 195 Ha 201 Ha 203 Ha 205 Ha 209 Ha 210 Ha 211 Ha 214 Ha 216 Ha 231 Ha 236 Ha 237 Ha 240 Ha 244	Theatre Three Figure Drawing Studio Art Critique Painting Making Places/Exp of Design Film Workshop I Still Photo Workshop I Photography/Critical Issues Modern Dance IV Poetry Writing Workshop Principles of Directing Fiction Writing Workshop Writing The Fiction of History	Instructor Cohen Rosenblatt Murray Rosenblatt Juster/Pope Ravett Matthews Matthews Lowell Salkey Blair Salkey Payne Marquez Meacher	Enrollment Method Open InstrPer InstrPer 1st Come InstrPer Lottery Lottery Open Audition InstrPer Open InstrPer InstrPer Open Open Open	Limit None 25 15 18 12 15 15 None 20 16 None 16 None None	Time TBA Th 930-1230 T 6-9pm W 1-7pm WF 1030-1230 T 9-1230 M 1-430 TTh 1-330 MWF 1030-12 T 130-3 TTh 1030-12 Th 130-3 TTh 130-3 TTh 130-3 TTh 130-3 TTh 1030-12	Place EDH Div4 ARB ARB ARB EDH 3 PFB PFB PFB MDB Dance EDH 4 EDH Div4 EDH 4 EDH 1 FPH 104 FPH 104
Course HA 195 HA 201 HA 203 HA 205 HA 209 HA 210 HA 211 HA 216 HA 231 HA 236 HA 237 HA 240 HA 243 HA 252 HA 263 HA 251 HA 252 HA 263 HA 271 HA 276 HA 271 HA 279 HA 284 HA 299 HA 302	Theatre Three Figure Drawing Studio Art Critique Painting Making Places/Exp of Design Film Workshop I Still Photo Workshop I Photography/Critical Issues Modern Dance IV Poetry Writing Workshop Principles of Directing Fiction Writing Workshop Writing The Fiction of History Euripides Am Lit Rlsm:Twain, James, Crane Int Dance Composition Intro/Dance & Movement Ed Contemp Caribbean Fiction Shakespeare and Woolf Her/His Story of War Intro/Trad African Philo Creative Music Sem/Electron Music/Tape Comp Playwrights Workshop Improvisation	Cohen Rosenblatt Murray Rosenblatt Juster/Pope Ravett Matthews Matthews Lowell Salkey Blair Salkey Payne Marquez Meagher	Method Open InstrPer InstrPer 1st Come InstrPer 1st Come InstrPer Lottery Lottery Open Audition InstrPer Open InstrPer InstrPer InstrPer Open Open Open InstrPer InstrPer InstrPer InstrPer InstrPer InstrPer InstrPer Audition InstrPer	None 25 15 18 12 15 15 None 20 16 None 16 15 None 20 00 None 12 20 16 None 12 21 21 21 21 21	TBA Th 930-1230 T 6-9pm W 1-7pm WF 1030-1230 M 1-430 TTh 1-330 MWF 1030-12 T 130-3 TTh 1030-12 Th 130-3 T 930-12 TTh 130-3 T 930-12 TTh 130-3	EDH Div4 ARB ARB ARB ARB EDH 3 PFB PFB PFB PFB MDB Dance EDH 4 EDH 4 EDH 4 EDH 4 EDH 1 FPH 103 MDB Dance MDB CSC 126 FPH 107 TEA Enfield Masters MDB Class TBA EDH 4 EDH 4 EDH 4 EDH 107 EAFIELD EAFIE
HA 305 HA 307 HA 310 I:A 311 HA 313 HA 320 HA 386	Adv Writing Seminar Great Books Seminar Film Workshop II Photo Workshop II Film/Photography III Creative Music/Advanced Laban Movement Anal II Hamphsire College Chorus	Lyon Ravett Liebling Liebling Wiggins Nordstrom Kearns	Lottery InstrPer InstrPer InstrPer InstrPer Ist Come Audition	15 12 12 15 10 15 None	M 130-5 W 130-530 T 9-12 TTh 1-3 TTh 1-3 MW 4-6	PFB PFB PFB MDB Class MDB Dance MDB

W/RW/RW/RW/RW/R Writing/Reading Program

Writii	Jakesming riogram					
		Instructor	Enrollment Method	Limit	Time	Place
WP 103	Basic Writing Writing/ESL Students Writing Workshop	Ryan Ryan Berkman	1st Come 1st Come Lottery	16 16 16	TTh 11-12 TTh 12-1 MW 3-4	РН А-1 РН А-1 FPH 107

DC1100						
		To other ator		Limit	Time	Place
Course NS 101 NS 104 NS 107 NS 121 NS 123 NS 129 NS 172 NS 180 NS 184 NS 198 NS 206 NS 208 NS 211 NS 220	Extraterrestrial Intelligence Optics and Holography Evolution of the Earth Human Biology Human Biological Variation Biology/New Eng Small Farm The Nuclear Age Aquaculture in HC Bioshelter Energy Utilization/Hampshire Ever Since Darwin Marine Ecology Plant Physiology Organic Chemistry Animal Physiology	Instructor Dennis Hafner Reid Woodhull/Bruno Martin/Goddard Winship, et al Krass D'Avanzo Wirth Miller, et al D'Avanzo Winship Lowry Woodhull/Bruno	Enrollment Method Open 1st Come 1st Come Open Open Open Open InstrPer 1st Come Prosem Open Open Open Open	Limit None 20 20 None None None 10 20 None LO 20 None None None None	MN 3-430 F 1-4 MF 9-1030/MorW 1-5 MN130-3/M3-430,W3-430 TTh 1030-12/T 1-330 MWF 9-10 T1-3,Th1-5,F1030-1130 MWF 1030-1130 MWF 9-1030/M130-330 MW 9-1030/N 130-5 MWP9-1030/MorT 1-3 TTh 1030-12/W130-4 MWF1030-12/W150-4	CSC 302 CSC 3rd fl FPH 104/Field CSC 114/Lab EDH 1 FPH 104/Field CSC 126 CSC 2nd fl Open CSC 302 FPH 106 CSC 2ndfl Open/Lab CSC 3rdfl Open/Lab CSC 3rdfl Open/Lab CSC 114/Lab
NS 247 NS 258 NS 260 NS 261	Ccll Biology Computation Structures The Calculus Intro Calc/Computer Model	Miller Al Woodhull Kelly Hoffman	Open Open Open	None None None	TTh 1-3 MWF 1030-12 MWF 1030-12	CSC 126 FPH 102

Schedule, Spring Term 198519

Course		Instructor	Method	Limit	Time	Place
NS 273	Human Evol/Soc Organiz/Gender	Martin/Yngvesson	Open	None	TTh 1030-12	FPH 107
NS 282	General Physics A	Bernstein, et al	1st Come	20	TTh1-230/Th230-5	CSC 302/3rd fl Lab
NS 295A&B	Practicum/Environ Ed	Bruno/Darmstadter	See Course	Description	ı	
ASTFC 12	Spec Topics/Astronomy	Edwards	Prereq	None		Smith
ASTFC 13	The Solar System	Kwan	Prereq	None		UMass
NS 320	Book Sem in Mathematics	Kelly	Open	None	TBA	TBA
NS 333	Health Issues Seminar	Henderson	InstrPer	12	Т 630-8рт	CSC 302
NS 339	Topics in Anthropology	Martin/Yngvesson	Open	None	Alt W 7-930pm	FPH ELH
NS 340	Behavior Seminar	Coppinger	Open	None	Th 130-3	CSC 114
NS 348	Cryophysics	Wirth	InstrPer	4	TBA	TBA
ASTFC 19	Planetary Science	Dent	Prereq	None		UMass
ASTFC 21	Stars and Stellar Evolution	Arny/Dennis	Prereq	None	TTh 230-345	MHC
ASTFC 37	Observ Optical Astronomy	White	Prereq	None		Smith
ASTFC 43	Astrophysics I	Harrison	Prereq	None		UMass

Course		Instructor	Enrollment Method	t Limit	Time	Place
SS 107	History of Feminism	Cerullo	1st Come	20	W 1-4	EDH 1
SS 116	Peasant/Rev/Village Soc/China	Johnson	Prosem	16	TTh 9-1030	FPH 105
SS 121	Am Century: What Happened?	Bengelsdorf, et al	1st Come	25	TTh 130-3	FPH 107
SS 123	Social Order/Disorder	von der Lippe	Prosem	16	MW 1030-12	PH B-1
SS 126	Classics/Political Economy	Hogan	Prosem	16	MW 3-430	FPH 106
SS 127	Elections in America	Rakoff/Douglas	1st Come	30	MW 1-3	FPH 108
SS 137	Sociology of Medicine	von der Lippe	Lottery	16	TTh 130-3	PH B-1
SS 157	Human Aggression	Poe	1st Come	20	MW 130-3	FPH 104
SS 169	Modern Political Thought	Lnades, et al	Open	None	W 930-12	EDH 2
SS 173	Ethnographic Film	Glick	Open	None	F 9-12	FPH MLH
SS 201	Capitalism and Empire	Holmquist, et al	Open	None	TTh 9-1030	FPH ELH
SS 204		Fitch/Landes	Open	None	MW 130-3	EDH 2
SS 210	Introductory Economics	Warner	0pen	None	TTh 130-3	FPH WLH
SS 214	U.S. Labor History	Nisonoff	Open	None	TTh 1030-12	FPH 105
SS 218	Pub Pol/Am Welfare State	Berman/Rakoff	Open	None	TTh 130-3	FPH 108
SS 219	Jews in Modern History	Berman/Glick	0pen	None	TTh 1030-12	FPH 108
SS 223	Polit Econ/Black Americans	Hogan	Open	None	MW 1030-1230	FPH 103
SS 227	Schooled in Conflict	Breitbart/Torres	InstrPer	15	W 930-12	FPH 108
SS 244	Capital and Community	Breitbart/Warner	InstrPer	15	MW 130-3	FPH 107
SS 257	Polit Econ of Africa	Ford, et al	Open	None	TTh 130-3	CSC 126
SS 263	New Directions/History	Fitch/Slater	1st Come	20	MW 1030-12	EDH 1
SS 273	Human Evol/Soc Organiz/Gender	Yngvesson/Martin	Open	None	TTh 1030-12	FPH 107
S\$ 277	Cognitive Social Psych	Poe	1st Come	20	TTh 1030-12	FPH 106
SS 287	Environ Law/Social Policy	Burns	0pen	None	MW 3-430	FPH 105
SS 291	Inventing the New World	Graham	Open	None	TTh 130-3	FPH 103
SS 292	Making History: Abortion Law	Gallagher	1st Come	25	W 1030-1230	FPH 105
SS 295	America and the Third World	Lake	1st Come	25	TTh 130-3	FPH 105
SS 296	Japan:Trad/Adapt/Transform	McLendon	1st Come	25	w 3-530	FPH 104
SS 307	Law/Justice/Education	Rose	InstrPer	16	MW 3-530	FPH 103
SS 311	Women and Work	Nisonoff	InstrPer	12	W 1-3	FPH 106
SS 313	Race/Class/Schooling	Torres	1st Come	15	W 1-3	FPH 105
SS 329	Domestic Violence	Joseph	InstrPer	20	MV 9-1030	FPH 107
SS 339	Topics in Anthropology	Yngvesson/Martin	Open	None	Alt W 7-930pm	FPH ELH
SS 341	Pornography and the Law	Burns/Douglas	InstrPer	30	т 1230-3	CSC 114

Course		Instructor	Enrollment Method	Limit	Time	Place
IN 393	Third World Women & Feminism	Joseph	lst Come	20 DivIII	MW 1-3	FPH ELH
	New Ways of Knowing	Bernstein	InstrPer	None	W 1-4	Kiva
	Women and Science	Goddard	Opne	None	W 1-3	CSC 126

OPOPOPOPOPO Outdoors Program

			Enrollment				
Course		Instructor	Method	Limit	Time	Place	
OP 103	Wilderness 1st Aid/Rescue	T. Kyker-Snowman	1st Come	15	W 1-5/F 1-3	CSC 202	
OP 105	Canoe Tripping	T. Kyker-Snowman	1st Come	12	Th 1-530	EDH 2	
OP 111	Beg Top Rope Climbing	K. Kyker-Snowman	1st Come	12	T 1230-530	RCC	
OP 112	Advanced Rockcraft	K. Kyker-Snowman	InstrPer	8	Th 1230-530	RCC:	
OP 113A	Adv Top Rope Climbing	Garmirian	InstrPer	12	T 1230-530	RCC	
OP 113B	Adv Top Rope Climbing	Garmirian	InstrPer	12	W 1230-530	RCC	
OP 147	A Yellowstone Odyssey	Warren	InstrPer	12	T 1-3/Th 1-5	FPH ELH	
OP 150	Philo Experiential Ed	Warren/Light	1st Come	12	WF 1030-1230	PH A-1	

RARARARARARARAR Recreational Athletics

Course	Instructor	Enrollment Method		Time	Place
RA 101 Beg Shotokan Karate RA 103 Int Shotokan Karate II RA 104 Adv Shotokan Karate II RA 106 Aikido RA 108 Beginning T'ai Chi RA 109 Continuing T'ai Chi RA 109 Continuing T'ai Chi RA 110 Women's Self Defense RA 112 Beginning Hatha Yoga RA 113 Continguing Hatha Yoga RA 116 Fencing RA 117 Physical Fitness Class RA 118 Aerobic Workout RA 120 Shim-Gum-Do RA 122 Basic Scuba Certification RA 125 Kayak Rolling/Open Session RA 126 Beg Whitewater Kayaking (X) RA 127 Beg Whitewater Kayaking (Y) RA 128 Novice Whitewater Kayaking RA 137 Wormgod Soccer RA 136 Wormgod Soccer RA 138 Sailing RA 139 Windsurfing RA 139 Windsurfing RA 141 Women's Team Basketball RA 142 Team Volleyball	Taylor Taylor Taylor Taylor Sylvain Callagher Gallagher DiAnne Leskes Ward Leskes Ward Weber Rikkers Laliberte Sanchez Stillman Harrison Marburg/McCarthy Coldstein,et al Smith TBA Adams Meredith	Open InstrPer InstrPer Open Open Open Open Open Open Open Open	None None None None None None None None	MWF 6-8pm TThSun 6-8pm TThSun 8-9pm TTh 1245-2 W 1230-145 W 2-315 TTh 1130-1230 M 330-430 W 430-6 TTh pm TF 1205-105 TF 4:30-530 M330-630/F4-6 M6-730pm/730-9pm TBA W 1-230/F 12-6 Th 1-230/F 12-6 Th 230-4/T 12-6 TTh 4-6 M-F 4-6 See Course Descripti See Course Descripti See Course Descripti See Course Descripti	on on

FOREIGN LANGUAGE PROGRAM

Course		Instructor	Enrollment Method	Limit	Time	Place
FL 101	Intensive French	TBA	Interview	10	MTWTh 3-5	PH A-1
	Intensive Spanish	TBA	Interview	10	MTWTh 3-5	PH B-1

	۱ (RARARARARARAR	AR I	
L	١, ٦	Recreational Athlet	ics	RA 104 ADVANCED SHOTOKAN KARATE
OP I	120			Marion Taylor
	R R	EGINNING SHOTOKAN KARATE IA 101	· 1	Thia course is for students who have attained the rank of brown belt or black belt.
cli	bers to do more difficult top rope Citation of the 5.7 level	NTERNEDIATE SHOTOKAN KARATE	Taylor	Class will neet Tuesday, Thursday and Sunday from 8:00-9:00PM in the South Lounge of the Robert Crown Center. Five-College students will be graded on a pass/fail basis and must negotiate the party of the pass o
or	setter. We will spend all bi the time on the climb-	A 103 ADVANCED SHOTOKAN KARATE	Taylor	in the South Lounge of the knowl toward and must negotiate students will be graded on a pass/fail basis and must negotiate credits with their registrats. Enrollment limit none;
ing	wall, backer ladder, and the new lines	IA 104	İ	Instructor's permission.
Sig		NIKIDO RA 106	Sylvain	
Wed	nesdays 12.30-3.70 p.m.	BEGINNING T'AI CHI	Gallagher	RA 106 AIKIDO
Γ	'	RA 108	Callagher	Paul Sylvain
OP		CONTINUING T'AI CHI RA 109	Carragner	Aikido is a modern Japanese martial art which is non-offensive
		WOMEN'S SELF-DEFENSE	DiAnne	Aixido is a modern Japanese martial art which is non-offensive and non-competitive. Its self-defense movements are designed to off-balance and control the attacker by harmonizing (AI), rather than conflicting with the offensive force and redirect- ing it to a relatively h-raless outlet by means of (KI) total ing it to a relatively h-raless outlet by means of (KI) total
Th	s is an interdisciplinary course	RA 110 BEGINNING HATHA YOGA	Leskes Ward	ing it to a relatively hermiess outlet by means of (Ki) total
0U	door experience. After a semester of study, we will emnate a ski-touring expedition through the Yellowstone National	RA 112		ing it to a relatively harmless outlet by means of (KI) total ing it to a relatively harmless outlet by means of (KI) total body avareness. Though modern, Akido has its roots in anoten Japaness word, spear, and jujitsu. The movements of citen Japaness word, spear, and jujitsu. The movements of Akid are large and circular, appearing rather dencelitie and Akid are large and circular, appearing the spearing the modern part of the property of the spearing class we will deal with basic beginning techniques designed to build "KI" avarences, increase body (jewthility and balance, and learn self-defense falling.
Pa	k backcountry during January term.	CONTINUING HATHA YOGA RA 113	Leskes Ward	graceful. In the beginning class we will deal with basic be- siming techniques designed to build "Ki" awareness, increase
ar	llowstone National Fart is one the area in the early 1800's	FENCING	Weber	the us will begin to explore the power of Aiki with some of
***	re scoffed at when they returned with table of the springs, and d, cascading waterfalls, wildly colored hot springs, and	RA 116	Rikkers	its self-defensive techniques.
er	re scoffed at when they returned with tales of buosty builting d. cascading waterfalls, wildly colored hot springs, and d. cascading waterfalls, wildly colored hot springs, and puting geyers. These casazing geothermal features are ac- upting geyers. These casazing geothermal features are ac-	PHYSICAL FITNESS RA 117	RIKKETS	The class will meet on Tuesdays and Thursdays from 12:45 to 2PM in the South Lounge of the Robert Crown Center. To register attend the first class.
90	apania by fascinating biological phenomena and unusual ecol- ical calationishps. In addition to focusing our attention for a constraint of the constraint of the constraint of the history of the area, the evolution of Vellowatone as the tion's first national park, current issues concerning the tion's first national park of the issociot of evelopment in sur-	AEROBIC WORK-OUT	Laliberte	actend the first class.
ti na	e history of the draw in the times of development in sur- nagement of the park, and the impact of development in sur-	RA 118	Sanchez	
-	anding areas.	SHIN-CUM-DO RA 120		RA 108 BEGINNING T'AI CHI
De	ring the course, we will plan our January term ski-touring pedition. Throughout the course, outdoor skills will be ught that will help you be comfortable and confident in a	BASIC SCUBA CERTIFICATION RA 122	Stillman	Paul B. Gallagher
. t	night that will help you be comfortable and confident in a inter environment.	KAYAK ROLLING - OPEN SESSION	Harrison	T'ai Chi is the best known Thoist movement and martial art, with a history dating back at least 1, 200 years. Created by with a history dating back at least 1, 200 years. Created are a least the least of the least
s	rudence who participate in this course will be expected to	RA 125	Harrison	Taoist priests, it is a "cloud vater dance", studies, the course centers, creating stamina, endurance, and vitality. The course centers, creating stamina, endurance, and vitality.
•	ske a commitment to the sandal state of the \$300. A deposit will	BEGINNING WHITEWATER KAYAKING (X) RA 126	Marrison	will stress a good foundation: Strength, standing meditation, and the first series of the T'ai Chi form.
		BEGINNING WHITEWATER KAYAKING (Y)	Harrison	be discussed.
1	his course should provide opportunities for Division 1 exams n any of the four schools.	RA 127 NOVÍCE WHITEMATER KAYAKING	Herrison	The class meets on Wednesday from 12:30 to 1:45PM in the South Lounge of the Robert Crown Center. Enrollment open. Register by standing the first class.
	nrollment is limited to 12. Instructor permission required.	RA 128:	Harrison	by attending the first class.
- {		KAYAK TRIP RA 132		
ď	P 150 PHILOSOPHY OF EXPERIENTIAL EDUCATION	WORMGOD SOCCER RA 135	Marburg McCarthy	RA 109 CONTINUING T'AI CHI
	Karen Worren and Rachel Light	ULTIMATE FRISBEE	Goldstein	Paul B. Callagher For students who have completed the beginning course; we will For students who have completed the person and vitality, pro-
•	This course is intended to be an exploration of the theoretical and philosophical foundations of experiential education, esperant philosophical foundations of experiential education.	RA 136	Seidl Lowson	For students who have completed the beginning course; we vilit develop more standing aeditation for power and vitality, proceed through the second sequence of the T'ai Chi form, and consider applications of the movements. Two-person practice will slow be introduced, and we will study che T'ai Chi Classics in also be introduced, and we will study che T'ai Chi Classics in
	cially as it appries to the occasion the	SAILING	Smith	sider applications of the movements. Two-person practice will sider applications of the movements. Two-person practice will sider applications of the movements. Two-person practice will sider applications of the movements.
	The course will have two components. The seminar session will serve as a forum for addressing issues in experiential education, wilderness-philosophy and ethics, as well as the current conserved of alternative and outdoor educators. The experiential	RA 138	· TBA	
		WINDSURFING RA 139		The class meets on Wednesday from 2:00 to 3:15PM in the South Lounge of the Robert Crown Center. Earoliment open. Register
	component will include exposure to experiential and attenues education programs, outdoor experiences, and hands on teaching and facilitating.	WOMEN'S TEAM BASKETBALL RA [4]	Adams	by attending the first class.
		TEAM VOLLEYBALL	Meredith	
	The course format will include readings, discussion, guest lectures, field experiences, and individual research and pre- sentations on experiential education.	RA 142	Norvell	RA 110 WOMEN'S SELF-DEFENSE
	Students will have the opportunity to attend the Association	BADMINTON RA 145	MOLVELL	Lorraine DiAnne
				This course is to introduce women to martial arts, and to convince them that they have the potential to defend themselves. We will work first on our bodies to tone and condition them the convergence of
	Enrollment: limit 12. Sign up at the Outdoors Program office.	RA 101 BEGINNING SHOTOKAN KARATE		We will work first on our bodies to tone and constraint our individual advantages, (i. e., we will try to understand our individual advantages, (i. e.,
		RA 101 BEGINNING SHOTOKAN KARATE Marion Taylor		vince them that if to mour bodies to tone and condition them it ke will uver understand our individual advantages, (i. e., uver the condition of the condition of the condition of the quickness in the condition of the condition of the condition of the that inhibit comen and make them cell inferfor to men. I will teach ago to condition moves and escape sovements, and then we condition of the condition of the cond
ı	OF 156 WOMEN'S BODIES/WOMEN'S STRENGTH		defense developed	teach "arious evasion moves and escape movements, and then we teach "arious evasion moves and teach situations that we cuill try to utilize them in hypothetical situations that we cuill try to utilize them in hypothetical situations that we cuill try to utilize them in the second of self-defense is self-confidence, and the self-confidence and the self-confidence is self-confidence.
ŀ	Kathy Kyker-Snowman			think of. The essence of self-defense is self confidence hopefully each woman will gain a great deal of self confidence and physical fitness, thereby gaining self-defense.
ŀ	The same will forms on our relationship as women to our	cover: basic methods of blocking, punching	, kicking and com-	
	physical selves. Through readings, class discourse our in- sonal writing and active workshops, we will explore our in-		defense against	The class will meet on Tuesday and Thursday from 11:30AH to 12:30PH, for eight weeks at the Robert Crown Center. South Lounge. To register attend the first class.
	mis coulse was. Through readings, class discussions, per- physical strices. Through readings, class discussions, per- sonal writer and active workshops, we will expire our fa- volvent historical, physicological, and psychosocial per- solution of women engaged in athletic pursuits. Students will write and share personal heractories (autobiographies of			
	spectives of vomen engaged in athletic pursuits. Security will write and share personal herstories (autobiographies of their physical selves).	Classes will meet during fell term on Nonda Friday from 6:00 to 8:00PM on the Playing F Crown Center. Five-College students will b	loor of the Robert e graded on a pass	/ RA 112 BEGINNING HATHA YOGA
	Academic discussions will be balanced with active workshops			Vivian Leskes Ward
ı	Academic discussions will be balanced with active workshops designed to heighten our avareness of our own strongths. These may include weight training and conditioning, self defense, canceling, and rock climbing. This course is designed defense, canceling, and rock climbing.	Note: This course is offered in the tall a only. Enrollment unlimited. To register c class.	come to tue titat	Hatha Yoga is the ancient science of postures and movements
1	to be a charrenging and annual			designed to relax. Cleanse and secretises, relaxation and inner focus on postures, breathing exercises, relaxation and inner
ı	perience. Enrollment limit: 14. Class meets on Wednesdays 1:00-5:00 p.m.	RA 103 INTERMEDIATE SHOTOKAN KARATE	11	well-being.
	Enrollment limit: 14. Class meets on wednesdays Sign up at the Outdoors Program office.	RA 103 INTERMEDIATE SHOTOKAN KAMATE		The class meets on Mondays from 3:30 to 4:30FM in the 300FM Lounge of the Robert Crown Center. Enrollment is open. To register attend the first class.
		Marton Inytot		LeBratet urrend the rrest proper

This course is for students who have completed RA 101 and RA 102.

This class will meet Tuesdoy. Thursday and Sunday from 6:00 to 8:00PM on the Playing Floor of the Robert Grown Center. Five-College atudents will be graded on a pass/fail basia and must negotiate credits with their registrars. Limit, none. Enrollment by instructor's parmission.

TA 113 CONTINUING MATHA YOGA	tured class where students work at their own pace and skill level. Guidance and critique will be available from the instructor. Due to the non-formality of the class there will be no evaluations.	RA 138 SAILING
Vivian Leskes Ward		Thomas Smith
This class builds on the work of SA 112 - Beginning Yogs. despening experience with the postures and introducing medi-	RA 126 BEGINNING WHITEMATER KAYAKING (X)	Learn to sail on a small manusverable fiberglass boat. A Surfish. The Sunfish has proven to be an excellent instructional craft and will be used throughout the course.
the class meets on Wednesdays from 4:30 to 6:00PM in the South		The course vill include: Nautical Terms; Reading the Wind; Small Boat Handling; Boat Maintenance; Racing Techniques.
The class meets on Wednesdays from the discontinuous of the Robert Crown Center. Enrollment open. To register attend the first class.	No experience required except submaning solitify. Least the fundamentals of kayaking and basic whitewater skills including: strokes, reacue maneuvering, eddy turns, ferrying, bracing, river reading, surfing, equipment and eskino roll. This course is the same as Ra 127 being held on alternate days.	Class will meet for an organizational meeting on Monday, September 10th at 7:00PM in the Robert Court Center. To register
	1.00 to 2.20PM for popi	sign-up on the buildin board in the RCC prior to the best as Enrollment limit 12. A modest fee day be charged for travel. Class times to be announced.
RA 116 FENCING	session and on Fridays from 12 Addition 1 100 to	61000
Will Weber	Following Fall break Friday's class will be those to be careful to the 2:30PM only. To register sign-up on the bulletin board in the Robert Crown Center during the week of catriculation. Enrollment	
Classes for both beginners and experienced fencers. No experience necessary; beginners are especially welcome. Basic quipmont is provided.	Robert Crawn Center 35 mg	RA 139 WINDSURFING
This class is held on Tuesday and Thursday evenings in the Robert Crown Conter. Enrollment is open. To register sign-up on the bulletin board at the RCT or attend the first class.	RA 127 BEGINNING WHITEWATER KAYAKING (Y)	Come try one of the fastast growing sports in America - Windsurfing (Board Sailing). The course will cover balancing on a board, reading wind currents and utilizing them to propel on a board, reading wind currents and the sports will A great time
	the state of the learn the	the board, turning, steering, but unn winds. A modest fee may
	fundamentals of kayaking and basic whitewater skills the tracing	be charged to help cover remen door
RA 117 PHYSICAL FITNESS CLASS Renate Rikkers	is the same as RA 126 being held on alternate days.	Class will meet for an organizational meeting September 10th, at 7:00PM in the Robert Crown Center. To register sign-up on the bulletin board in the RCC prior to the meeting. This is a Rom-Credit Activity. Enrollment limit 12.
This course is designed to promote good health, flexibility, cardiovascular efficiency, and a sense of well-being. There is	Class will meet on Thursday from 1:00 to 2:30PM for pool session and on Friday from 12:00 Noon to 6:00PM for river trips.	Non-treat Activity.
cardiovascular efficiency, and a sense of vertexing. lively music, fun, and commaderic. The class is equally appro- priate for the athletic and the sit-abouts. It will help you feel better and work more efficiently.	and on Friday from 12:00 Noon to 6:00PM for fiver Crips. Following Fall Break Friday's class will meet from 2:30 to 4:00PM only. To register sign-up on the bulletin board in the Robert Crown Center during the week of matriculation. Earoliment limit	RA 141 WOMEN'S TEAL BASKETBALL
m to and Enidous from 12:05 to 1:05PM] 5. 	Kokie Adams
in the Robert Crown Center. Mile and Complete Register at		the country shall levels the
to all students, faculty, start and raminy demands. Gareer Options Office G-13 Franklin Patterson Hall. There is a one-time a year \$5 registration fee to help pay for equipment.	RA 128 NOVICE WHITEWATER KAYAKING Linda Harrison	The Hoopsters offer women of Varyang early level the opportunity to participate in the unifying experience of team play. Consistent participation will be expected in preparation for games with outside groups.
		for an expenientional meeting on
RA 118 AEROBIC WORK-OUT	For people who have taken the beginning kayuk class. Of the have had some previous beginning instruction. Class II rivers will be paddled to practice the basic whitewater skills along will be produced to practice the basic whitewater skills along will be produced by the	September 10th, at 7:00PS in the Robert Close Contor to the
Karen Laliberte	with tuning tundamental sections	register sign-up on the bulletin bosts at the second process register. This is a Non-Credit Activity. Enrollment limit 12.
This class is an exercise and aeroble work-out. It consists of a 15 induce stretching seriod (from head or oce), a 30 sinute seroble in the constant of the co	Classes will meet on Thursday from 2:30 to 4:00PM for the pool session and on tumesky from 2:00 does to 6:00PM for the river crips. Following Nat Younday's class will meet from the control of the contr	RA 142 TEAM VOLLEYBALL Mike Heredith
Classes meet from 4:30 to 5:30PM on Tuesdays and Fridays on the Playing Floor of the Robert Crown Center. Enrollment open. To register sign-up on the RCC bulletin board or attend the first		This activity will be organized toward players improving team skills as well as individual improvements. The group will play skills as well as individual improvements. The group will play tight volleyball, setting up team plays and following game rules tight volleyball, setting up team plays are groups. With sincere in-
class.	RA 132 KAYAK TRIP	tight volleyball, setting up team plays and tolling state in in preparation for games with outside groups. With sincere interest in team improvement and unity, participants will be exterest in team improvement and unity, participants will be extered.
	Linda Barrison	in preparation for games with outside groups. With sincere interest in team improvement and unity, participants will be exterest in team improvement and unity, participants will be expected to participate consistently. All skill levels are welcome. An emphasis will be put on developing ability levels welcome. An emphasis will be put on developing ability levels
RA 120 SHIM-GUM-DO Anthony Paul Sanchez	Summer sun, warm water, and fall colors can be enjoyed when engaging in Kayak Day Trips. Trips will be geared to varying skill levels of Beginner. Novice, and Intermediate.	Volleyball will meet for an organizational meeting September 10.
Shim-Gum-Do is meditation in action. Shim means mind or primary point. Gum means sword, Do means path. Buddha said all	Studente who are not currently enrolled in a itructured Kayak class/as well as those enrolled are encouraged to participate.	at 7:00PM at the Robert Crown Genter. To register and the bulletin board at the RCC prior to the meeting. This is a Non-Greuit Activity. Enrollment limit: 12
point. What is good? What is bad? What is high? What is low point. What is good? What is bad? What is high? What is low Become clear! What is true? What is false? Do means correct means the point of t	each trip is available in the Robert Crown Same	
then you and I can become one state and sage blue. Zen says	Trips will take place on Saturday, generally 9:00AM to 3:00PM	RA 145 BADMINTON
if you attain your true self them you attain way of Shim-Gum-Do	Trips will take place on Saturday, generally stops of starting in April. To register sign—up at the Robert Crown Center before 6:00PM on Friday prior to each trip. This is a	Sandy Norvell
Zen Martial Arts. In Shim-Gum-D5 we say cut-thinking, go atraight, become clear.	Non-Credit activity.	This basic to intermediate course is for those who wish to learn the sport of badminton or sharpen your skills. Basic
Mondays and 4 to 6PM		equipment will be provided.
This class meets from 3:30 to 6:304 to holdes of the robert Crown Center. on Fridays in the South Lounge of the Robert Crown Center. Enrollment is open. Register by attending first class.	RA 135 WORMGOD SOCCER	This is a Non-Credit Activity. An organizational meeting will be held on Nonday, September 10th at 7:00PM in the RCC. The course will run 3 times per week from September 10th through
	Grainger Marburg and Trish McCarthy	course will run 3 times per week from September loth through Thursday, October 25th. An option play on the club will follow upon completion of the course. To register sign-up on the Robert Crown Center Sports Board prior to the meeting.
RA 122 BASIC SCUBA CERTIFICATION	This activity is for students who would like to learn to play soccer or improve their skills. The group's interest is in	the Robert Crown Center Sports Board prior to the meeting.
David Stillman	soccer or improve their skills are developing to me play among a consistently active group of players, regardless of the individual skill level. Coed play is encouraged.	
This is a N. A. U. I. sanctioned course leading to basic Scubr certification. One and one-half hours of pool time and one at	d Soccer will meet on Tuesday and Thursday from 4:00 to 6:00PM on the playing field. To register sign-up on the bulletin	SPSPSPSPSPSP
one-half hours of classroom instruction per week.	on the playing field. To register aim up on tunlimited. This board in the Robert Crown Center. Enrollment unlimited. This	Ducamams
Classes meet at the Robert Crown Center pool on Mondays from 6:00 to 7:30PM, and elsewhere in the R. C. C. from 7:30 to 9PI	is a Non-Credit activity.	Special Programs
6:00 to 7:30PM, and elseware in the view mask, fins and for classroom instruction. Fee: \$160 plus mask, fins and snorkel. All other equipment provided. Pre-requisite:	Organizational meeting on Monday, September 10th at 7:00PM in the RCC.	
snorkel. All other equipment provided. The require adequate swimming skills. Enrollment open.	<u> </u>	
	WITHATE PRISEE	BUSINESS AND SOCIETY
RA 125 KAYAK ROLLING - OPEN SESSION	RA 136 ULTINATE PRISBEE Ivan Goldstein, Amy Seidl and Edmund Louson	a to design for
RA 125 KAYAK ROLLING - OPEN SESSION Linda Harrison	tel will help downlon safitry and physi-	students who intent to include a dustrial and three three
to the PCC need.	cal conditioning. Frished is a new Bank to many popular	factors in developing an individual plan of study
is designed for those students and the prient them	beginners both women and men, are especially shouldide groups.	is investigative, questioning, the
beginner class but would like the opposite roll (tip a Kayak righ	The Ultimate Frisbee group will meet Monday through Friday	
Rayak skills for building self confidence in a boat as well	on the bulletin board in the Robert Crown Center. Enrollment	depth and sophistication.
on important salety skill. At Students planning on taking	unlimited.	
Beginner or Novice Kayak Class are encouraged to practice and develop their roll during this time. This will be an unatro	cr Organizational meeting on Nonday, September 10th at the Robert Crown Center. This is a Non-Credit activity.	T.

Hampshire students have been unusually creative in proposing programs that combine wide-ranging liberal arts interests with the study of the business/conomic environment in which these interests take concrete fore. Careers or further graduate study have beariness/esconomic fore, Careers or further graduate study have beariness agricultural economics, performing arts audinitariations and environmental and energy economics and urban deadinitariation and four Mampshire students are also known for a propensity to launch their own businesses, often within an alternative samagement framework.

The better graduate schools of business prefer students with-tower narrowly defined "majore" in business. The need for the warry planning of a concentration cannot evertstated. For more information about options; Five College resources, and graduate school expectations, contact Stan Warner or Fred Woaver.

COMPUTER STUDIES

Recent rapid advances in technology have made computers an important part of our daily lives. From large machines that keep records and process data to the microprocessors that control microwave ovens and videogrames, computers affect most of us in some vay. Computers have also had a major impact on all levels of education, and with the videopread availability of sicrocomputers, it is likely that they will play an even more significant role in the future.

nificant role in the tuture.

The goal of the Computer Studies Program is to offer students occurses and other Learning activities which will help them to occurse and repeate them to use one-construction of computers and prepare them to use one-construction of the computers and proper computers intelligentally and appropriately both in their chosen puters intelligent the computer asks a variety of seed, including Computer and appropriately lives. To make the computer and and propriately computer of the propriate and computers are a variety of acade, from remove them of the pysique asks of the computer as a tool in the computer seed to use the computer as a tool in the depth. Several faculty are especially interested in the ways in which computers and sepseinly interested in the ways in which computers and selicit technologies impact on the individual and on society.

Caspus computing facilities include a VAX II/750 computer with 14 tensinals as well as a number of stand-alone storecomputers. VAX certainals are located in Library room C-10 and Cole VAX certainals are located in Library room C-10 and Cole Science Center room 313. The same standard control regular building hours. Standard in lines provide access regular building hours. The VAX is complemented after hours and from other locations. The VAX is complemented by DEC Rathors and Apple to locations. The VAX is complemented in C-10 and on the third from the Library. Other special in C-10 and control third from the VAX is complemented Science and Communications and Cognitive Science and in the sicrocomputer communications and Cognitive Science and in the microcomputer along of the faculty listed below:

Communications and Cognitive Science Jay Carfield

Glenn Iba Richard Muller Neil Stillings Robert Wall

Rumanities and Arts Roland Wiggins

Natural Sciences Ken Hoffman

men noirman David Kelly Lloyd Williams (on leave) Albert Woodhull

Social Sciences Nancy Fitch Don Poe

EDUCATION AND CHILD STUDIES

The Education and Child Studies Program at Hampshire College strives to meet the many diverse concerns of students intersected in measurement of the study of educated intersection and states. Central to the study of educated is time and the state of the students of the students of the state of the state of the students of the larger community. Closely connected in the mounterstand the community. Closely connected in the state of t

Students desiring a concentration in this program are encouraged to use these inquiries as a guide and to use both approar
es in their search for understanding. Following a broad live
eral arts base, students are urged to select relay at courses
from smong those offered to each of the four schools, as well
es the Five Colleges. This way, students will be able to
gain breadth and enough depth to develop firm grounding for
more specific topics of their own choice.

Pelevant offerings will vary with each student's special needs and/or interests. Students planning to enter the teachneeds and/or interests. Students planning to enter the teaching field bands held include special courtes his needs and the students planning to enter the teachreaching the student's program, general courtes conreaching the student's program, general courtes conreaching skills, and sufficient banks, students preparing to teach
agents are student's program, general courtes conteach a general achool cure should be supported to the student of the

FEMINIST STUDIES

The Festnist Studies program aims to raise critical feminist questions of the established traditions and to open new areas of reason from the studies seeks not only to feminist sources and to incorporations to diversity owner's and to incorporating challenges based or calculations and excultify into our programs. Facility all four Schools and sexuality into our programs, and reaching curses of the college contribute to planning our reaching curses in econostics, politics, sociology, and reaching curses in econostics, politics, sociology, actively, as committed to planning our programsatic tries and shared perspectives, we arrive to dissolve the disciplinary boundaries which separate use.

The Pentital Studies program encourages were students to think and plan for their distinctive needs during their under students careers, and for the special shallenges they will conforn as women after graduation. He emphasize future possibilities rather than stereotypical expectations of comen's roles. Students can concernize in fentials studies or they can incorporate fentials studies or they can incorporate fentials are studies into concentrations in any of the four Schools. Peninist studies courses are available at all three divisional levels.

The following list of courses provides a sample of those

The following list of courses provides a sample of those offered:

""Women in Africa" looks historically at African women in pre-colonial colonial and independent Africa.

"Blan" looks and the provided and independent Africa women in pre-colonial colonial and independent Africa.

"Stand" considers the relevance of women's liturature, the women's considers the relevance of women's liturature, the other colonial conditions it portrays.

"Conder, Panily and the State' consideration of the social conditions it portrays and the state' consideration of the state's consideration of the state of the

A core group of interested students and faculty speasor loctures, workshops, and performances by festnist scholars, vertices, artists, and musicians throughout the year. There is also a Women in Science rogram and a Reproductive Rights program on campus. The Flyo College community supports a program of acapus. The Flyo College community supports a program of acapus. The Flyo College community supports of the first through the formed the Flyo College to Women's Studies Communities have formed the Flyo College Women's Studies Communities which devotes its energy to the dissemination of information and the generation of support for additional courses.

THIRD WORLD STUDIES

The Third World Studies Program examines the manner in which political, cultural, and economic configurations in Africa, Maria, Latin America, and Worth America both office and condition international systems of power. Spents in Third conditions are considered in terms of the ampirations of prople towards new social orders, greater freedom, material propperity, and cultural autonomy.

The influence over the Third World by industrialized nations is examined from historical and contemporary perspectives. It is examined from historical and contemporary perspectives. Such as a confirme of conventional Europeachtic Conventional Conventio

Students pursuing Division II concentrations in Third World Studies explore the local and plobal forces that created and sustain a situation in which the majority of the world's population is referred as a "third world world"; the significant of ifferences among fit mirred world to industrial teach the contributions of the mirred world to industrial teach and power and followers and the changes that are large and purposes and the changes that are large and put the industrialized nations on the scenarios. Students in Third World of the contributions of the students of the contributions of the students of the students of the students of the students are concentration topic while enrolled as shown in the students of the program draw upon covers offerings and other learning activities within the five College community as they proceed to advanced work.

FOREIGN LANGUAGES/LANGUAGE STUDIES

Hompshire College has no special foreign language departments of though instruction in French and Spanish is offered (by contract with Language Program Company) at the introductory and intermediate levels through alterestive courses. Proficilly and intermediate levels through alterestive courses. Proficilly in a foreign contract of the special contract of the spec

languages and foreign language literature courses are available through Five Cullege cooperation. Some examples: Chinese and Japonese, as part of the Five Cullege Asian Studies Programs; Creek and Latin; Germanic Languages, including Bantah, butch, and Swedish; Slavic Languages, Including Russian and Polish; and Romance Languages, including Italian and Portuguese.

For further information, contact the Language Program Con-sultants in Prescott 1010 at extension 526, or Mark Fein-stein at extension 550.

LAW PROGRAM

Low is a phenomenon that touches many aspects of our lives. The Low Program examines issues in law and society from a variety of perspectives and through numerous civilities. These perspectives and activities cut on the control between the control of the contro

The brendth of the Law Program is a direct reflection of the range of interests exhibited by the students and faculty who participate in it. In the spirit of the College's liberal are approach to education, the Law Program is not primarily intended as a "pre-law" curriculum. Some students do go on to law echool; most, however, only vish to include the study of law in their undergraduate education. (Pre-law counseling is done by leater Masor.)

Paculty members of the Program, whose interests are described below, regularly offer courses at all three divisional levels that address quantions pertaining to law. Division II courses are viewed as central to any student designing a Concentration that includes invastigation of legal phenomena. Independent work may be carried out in cooperation with Law Program Seculty.

Nork may be carried out in cooperation with Law Program faculty.

Nary Ellen Burns, an attorney, has experience in litigation involving toxic waste and other aspects of environmental law. Janet Callaghor's logal expressed less mostly in the reain of reproductive rights. Janetfeld is interested in the philosophy of lew, applied ethics, social and political philosophy, affirmative action, and reproductive rights. Leater whose remained legal history, philosophy of law, the legal more resolution and family law. James profession, criminal law labor law, and family law. James Willer's work remained and copyright, and telecommunications First Amendment actional politics for mass media. Donat Toe investigates the dynamics of jury decision—making. Barbara for social control in cross—cultural contexts.

The way to indicate your affiliation with the Law Program and to keep informed of its activities is to place your mass of the mailing line maintained in the School of Social Science the mailing line maintained in the School of Social Science in Soom 218 of Patteron Hall (ext. 409). Por further information connect Jay Garfield, Prescott House, act. 401.

Faculty

C&CSC&CSC&CSC

Communications & Cognitive Science

Lynne Baker-Ward, assistant professor of psychology, received her Ph.D. in psychology from the University of North Carolina at Chapel Hill. Her primary interest is in cognitive development and its implications for aducation and social policy.

Susan Doucias, assistant professor of media studies, cook her N.A. and Ph.D. at brown University in American civilization and has a B.A. in history from Elmira College of the College of

Mark Prinstein, associate professor of language studies and deam of the School of Communications and Cognitive Science, holds a Ph.D. in linguistics from the City University of New York and a B.A. from Queens College, where he has also taughthe is a phonologist whose main research interest is currently in syllable structure. He has done extensive research on the sound system of Sinhaia, a language of Sri Lanka. Asong his other teaching and research interests are sociolinguistics, merulinguistics, and animal communication and behavior.

Jay Carfield, assistant professor of philosophy, received his B.A. from Oberlin College and is completing his Ph.D. in philosophy at the University of Pittsburgh. His main teaching interests are in philosophy of psychology, philosophy of mind, and athics. His recent research compares the model of explanation used by behaviorists with that of contemporary cognitive psychologists.

Glean 1bg, assistant professor of computer science, has both a B.S. and an M.S. in wathematics from the Massachusetts institute of Technology and is completing his doctorate in artificial intelligence there. His research is in learning and puzzle solving, both as done by human and by computers. Me is also interested in the ush of ideas from cartificial incitigence in cognitive actions and in alternative in deduction.

Gresory Jones, assistant professor of communication, has ah A.B. in theater from Dartsouch College and an N.F.A. in theater and speech from Smith College and an N.F.A. in theater and speech from Smith College. He is currently completing a decreal program at the University of teaseasthments in the Smith College. The second
<u>Bayid Kerr</u>, associate professor of mass communications and Master of Merrill House, has a B.A. from Missel University in Onio, and an M.A. from Vanderbilt University. His teaching experience includes courses in communication research and journalism history. His educational interest include the rediction press in America, how television affects the public, and communications law. He is currently researching the history of the Liberation News Service.

Hillen Merch, professor of mathematics, received his B.A., M.A., and Ph.D. from Dartmouth College. His primary research interests have been in model theory and in applications of mathematical logic in linguistics. He has taught and co-taught courses at Hampshire involving uses of mathematics, hillosophy, and computer science in departments elsewhere. He it also interested in atildo, bridge, catamarens, and probably something beginning with each of the remaining letters of the alphahet. Mr. Harsh is on leave.

James Hiller, associate professor of communications, received his Ph.D. from the Annemberg School of Communications at the University of Pennsylvania. His interests span theoretical issues and practical problems of the Communication of the

Richard Mulicr, associate professor of communication and computer studies, holds a B.A. from Ambrest College and a Ph.D. from Syracuse University. We has been director of Instructional Communications at the SUPY Upstate Medical Conter in Syracuse and associate director of the Hampshire College Library Center. He is interested in the use of personal computing content and in the Long of Information technology, computer programming languages and techniques, and outdoor advantage.

<u>Navid Rosenbaum</u>, associate professor of cognitive studies, is a cognitive symbologist who received his Ph.D. as Stanford and worked in the Muman Information Processing Research Department at Bell Laboratories before coming to Hampshite. He has done research on the cognitive processes underlying physical action, movement timing, attention, and body space representation. His main interests are perceptual and motors will be continuous to the main interests on the second of t

Neil Stillings, associate professor of psychology, has a B.A. from Amherst College and a Ph.D. in psychology from Stanford

psychology of language. He also has a substantial interest in other areas of cognition, such as memory, attention, visual and auditory perception, intelligence, and mental representation.

Robert Wall, visiting professor of mathematics, received his B.S., M.A., and Ph.D. from Harvard University. He is current from the University of Feass at Austin where he reaches courses in both computer science and linguistic theory. Professor Wall is the surface of largoduction to Mathematical Linguistics and a co-author of largoduction to Wathematical Linguistics and a co-author of Introduction to Mathematical Linguistics in terests are in automate theory, mathematical linguistics, and linguistic theory.

Steven Veisler, assistant professor of linguistics, has his main interests in semantics, syntax, language acquisition, and the philosophy of language. He has e ht. D. in linguistics from Stanford University and an H.A. in communication from Case Western Reserve University. For the few outer before cheen to bimpehire his held a post of the control before cheen control to the characteristic of the control to the characteristic of the control to the characteristic of the characteristic of the control to the characteristic of
Christopher Witherspoon, associate professor of philosophy, is mainly interested in philosophical problems of mind, knowledge, language, art, and criticism. His undergraduate work was at Arkansas Tech, and his graduate work at Berkeley. Mr. Witherspoon is on leave for the fail term of 1984.

H&AH&AH&AH&AH School of Humanities & Arts

<u>Rhonda Blair</u>, assistant professor of theatre, holds a Ph.D. in Theatre and an Ph.A. in Slavic Studies from the University of Kansas. She has expertise in both performance (as an active actor/director) and theory/criticism. Defore coming to Happhire the taught at the University of mentioned has actively participated in the administration of the Vocami's Theatra Project of the American Theatre Association.

John R. Bottiger, professor of human development, joined the Hampshire planning staff in 1967. In those first years of the College's life he contributed to the early design of educational policy and academic programs. He is particularly interested in personal history, biography, family atudies, paychonnalytic psychology, and psychotherapy. He taught at Amberta College from which he received a B.A.in 1960 commander to the program of the paychotherapy. And the professor is the professor of the pr

8. Tenyon brads, assistant professor of philosophy, elthough mainly a choiler of the Western philosophysical resistors, is also outstanding in Eastern studies scholarship. Be holds a B.A. inphilosophy and an N.A. in theology from Notre Dear as well as an N.A. in philosophical cheology from Vale University where he is currently a candidate for a Ph.D.

Bavid Cohen, Assistant professor of theater, holds a S.A. in Theater homore from the University of Messachusetts and K.P.A. in playwriting from brandels University. He has written for Hroadbuy, television, and film and has taught playwriting and theater arts at the Universities of Montens, South Caroling, and George Mason in Virginia. David regularity produces feativels of new student plays. His own play, Baby Grand, was recently seen at Theatre-in-the-Works at U. Mass.

Charles Frye, associate professor of education, holds B.A. and M.A. degrees from Roward University and a Ph.D. from the University of Pittsburgh. Charles' interests include oriental religion and philosophy with an emphasis on Africa, Black Studies administrative and curricular development, and Jungian psychology. Mis degrees are in higher education, trip work in the humanities and directed an interdiocipilarly studies program.

Roberto Marques, professor of Rispanic-American and Carribean literature, has worked for the World University service in Faru and Venezuela, served as a reac coordinator of the algrant education program at Middless County in Massapoetry. No Holds a S.A. from Brandeis and a Ph.D. from Rarvard. Professor Marques will be on sabbatical leave during spring term 1985.

Sandra Matthews, assistant professor of film/photography, has a B.A. from Radcliffe and M.P.A. from SUMY at Buffalo. She has wide experience professionally and in teaching both filmaking and photography. She has particular interest in film and photography as a cross-cultural resource.

Robert Meagher, professor of philosophy of religion, has a B.A. from the University of Notre Dase and an H.A. from Chicago. His publications include Personalities and Powers. Beckenings, Tooking Stones Rethinking the Political, and An Introduction to Augustine. He has taught at the University of Notre Dases and at Indiana University.

Joan Hartley Murray, assistant professor of art, holds a B.A.from Hampshire College and an M.A. in painting and color theory from Goddard College. her work has been exhibited in group shows at Hampshire and the University of Connecticut and in a one-person showing at Goddard. She has also served as guest critic and lecturer at a number of New England Colleges.

Rebecca Mordstrom, assistant professor of dance/movement holds a B.A. In art from Antioch College and an M.F.A. in dance from Smith College. She was co-founder of Collaborations Dancevorks in Bratteboro, Vt. and ha performed with Laura Dean Dancers and Musicians in N.Y.C. She has Laught at Windham College and the University of belawer. A roran of special interest are: choreography, improvisation and Laban Novement Analysis.

Nina Payme, associate professor of writing and human development, received her B.A. from Sarah Lavrence College, A collection of her poems, All the Bay Long, was published by Atheneum in 1973. Her current work has appeared in a variety of journals, most recently in the Massachusette Raview and Ploughabares. She has taught writing at Hampshira since 1976.

<u>Earl Pope</u>, professor of design, holds a B. Arch. degree from North Carolina State College and has been design and construction critic for the Fratt Institute in Bew Drt City. He has been engaged in private practice since 1962. Frafessor Pope will be on ambatical leave spring term 1985.

home limiter, visiting sestiant professor of literature and writing, was graduated form Cornell, took her master's edgree of Columbia, and carned her doctoral degree in English at the University of California at Berkeley, Rer fields are English and American literature, the novel, composition and creative writing, and women's atudies.

Arthur Bonner, professor of design, was formerly chairman of the design department of the Massachusetts Collage of Art. He holde a B. P.A. and N.P.A. from Yale University and a certificate from Cooper Union in New York City. His sculprure and design work have been widely exhibited, and he has served as graphic design consultant for the Boston Society of Architects and the Boston architectural Center. Profesculture of Western Professor Honore will be on leave academic year 1984-95.

Clayton Rubbs, associate professor of literature, is intercated in modern drams, twantisch-century Anglo-American literature, and eighteenth-century English literature. He received a B.S. in journalism from the University of Maisouri at Columbia and a Ph.D. Trom the University of Washington. Professor Mubbs will be on sabbatical leave during fail term 1884.

Joanna Hubbs, associate professor of history, received a B.A. from the University of Missouri and a Ph.D. in Russian history from the University of Mashington. She is fluent in French, German, Polish, Russian and Italian. Professor Rubbs will be on sabbatted leave during fall tern 1984.

Norton Juster, professor of design, is a practicing architect, designer, and writer whose books include The Phanton Tollhooth, a children's fantassy The Dgs and the Line, a mathematical fable made into an Academy Award-winning anisated films and So Soury to Juber; a book into the live of women in the late minutementh century. Norton's A. Arch, is university of Miverpool on a Publishe Atholisably, Professor Juster will be on asbbatical loave apring Term 1985.

Ann. Kearna, assistant professor of swale, is director of the Hamphire College Chorus. She holds an H.H. in music history from the University of Winconsia and studied choral corn ducting at Juilliard. She serves as lisison to the Five College Early Music Program and edite for publication performing editions of Renaissance choral compositions.

L. Brown Kennedy, associate professor of literature, is interested mainly in the Rensissance and the seventeenth contury with particular emphasis on Elisabethan and Jacobean drams, Shakespeare, the metaphysical poets, and Milion. She received a B.A. from Duke University angle N.A. from Cornell where she is a candidate for a Ph.D.

Abraham Revett, assistant professor of film and photography, holds a B.A. in psychology from Brooklyn College, a B.F.A. in filmaking and photography from the Resistancestic College of Art, and an H.F.A. in filmaking from Syracuse University. Complimenting a correct in filmaking and photography, Bavett has also worked as video taps specialist and media consultant.

Phyllis Rosenblatt, associate professor of art, holds a B.F.A. from Gooper Union and an M.F.A. in fine arts from Yale University School of Art. Phyllis has taught design, drawing and painting in several combinations at Pract Institute, N.F. Institute of Technology, New York College and Minnespolis College of Art and Design.

Mary Russo, associate professor of literature and critical theory, earned a B.A. in English from Michigan State University, an R.A. in comparative literature from the University of Hichigan, and a Ph.D. in Romance Studies from Cornell. She has taught at the University of Massachusette, Trinity College in Hartford, and New York University.

native Salkey, professor of writing, has published widely a the [Island of friction, non-friction, and poetry. Alsamic national, he has also worked as a broadcaster, journalist, teacher, and lecturer. He received his advocation at St. George College and Murro College in Jamaica and graduated from the University of London in English Literature.

<u>David E. Smith</u>, professor of English and American Studies, is also Go-Dean for the Humanities in the School of Humanities and Arts. He hold is B.A. from Middlebury College and M.A. and Ph.D. from the University of Minnesota. He has been at Hampahire since it öpened, and before that was Director of Indiana University's graduate program in American Studies. His writing and teaching reliect am interest in American social and intellectual attitudes toward land and landscape.

<u>Prancis D. Smith</u>, professor of humanities and arts; a Barvard graduate, he has taught in high schools and colleges, directed federal community relations programs for Massachusetts, and has published as a sociologist, playwight, and novelist.

David Roblits, assistent professor of music, holds a B.A. music from the University of Pennoylvania and an H.M. in music compaction from the University of Nichigan. He was awarded expenses relievable from the National Endowment for the N

Wayne Kramer, essociate professor of theatre arts, is also the Co-Dean for the Arts in the School of Humanities and Arts. He holds both a bit to the School of Humanities and Arts. He holds both a bit to the School of Humanities and Arts. He has some elven years emprises the street of the street

Daphne A. Lowell, assistant professor of dance, holds a S.A. In cultural anthropology from Tufts University and a N.F.A. in modern dance from the University of Utah, head of N.F.A. in modern dance from the University of Utah, head of worship, leader. He thanks subject is dance as a mode of worship. Her interests include emploring archetypal movement patterns and mottfa; researching and developing of another patterns and mottfa; researching and developing to solo respectively for the subject of th

Jil Levis, assistant professor of humanities, holds a B.A. from Haymham College. Cambridge, England and is presently pursuing a Ph. December of the Cambridge Driversity. She has been active in the Domen's Liberation Novement in Sertiain and Prauce. Levis teaches courses in literature and cultural actory at Naspahire. She is on leave during every corel actory at Naspahire.

Jarone Liebling, professor of film studies, has produced saveral award-winning films and has exhibited at the Museum of Modern Art, George Easteam House, and other museums them tought at the University of Minnesots and State University College at New Palzs, New York.

Richard Lyon, professor of English and American studies, holds 3.A. degrees from Texas and Cambridge, an N.A. from Connecticut, and a six haverican Studies from Kinnesota-ticut, and a six have from Studies from Kinnesota-te was Enversity of North Carolina at Chapel Hill, and was Raspahire's first Dean of the College.

Roland Wiggins, associate professor of smate, holds S.A.,
N.A. and Mus.D. degrees in music competition from Combs
College of Nusic in Philadelphiac concerning atds to urban
sional interests include a concerning atds to urban
music education as professor to the concerning atds to urban
music education as professor to the professor of the concept of the complex for additional barned doctorate in philocophy or additional barned doctorate in philcopy of the complex of the concerning and the concept of the conce

NSNSNSNSNSNSNSN **School of Natural Science**

Merbert J. Bernstein, professor of physics, received his sale. From Columbia. his M.S. and Ph.D. from the University of California, San Diego, and did postdoctoral work at the Institute for Advanced Study at Princeton. He has taught at Technion in Halfa, israel, and the Hastituut woor Theoretizable Pysican in Belgiam. He has consuited for numerous organizations including the World Sank, ASA, NSF, and the Huddon Institute. He was recently Technical Director for Volunteers in Technical Assistance and the Huddon Hastitus and the Huddon Hastitus California Constitutive knowledge science and technology polity, appropriate technology, commit development, and theoretical, practical, and applied physics.

Merie S. Bruno, associate professor of biology, holds a B.A. from Syracuse University and a Ph.D. from Harvard. She has done research in sensory neurophysiology (especially vision) and elementary school science teaching. Recently she has been teaching how to do energy conservation analysis of homes, and she hopes that some imaphire students of homes and she hopes that some imaphire students of high achool students. Her work in neurophysiology has been supported by grants from N.I.N. and the Gross conduction, and she is the author of several teacher's guides, for elementary science studies. She is also the co-author of a book on detring.

Lorna L. Coppinger, faculty associate in biology and out-reach specialist in agriculture, holds an A.S. from Boston University are the A.F. from the University of Massachusetra. In the Company of the

is involved primarily with the Farm Center.

Reymond P. Coppinger, professor of biology, has worked at
the Woods Hole Oceanographic institution, the Smitheonian
Astrophysical Observatory, the U.S. Fish mixed the Interest of the Service, and the Beebe Tropical Research and the Interest Indies. He holds a Four College of the Interest Indies. He holds a Four College of the Interest Indies. He holds a Four College of the Interest Indies and Interest Indies of the Interest Indies of Interest Indies Ind

Charlene D'Avanzo, assistant professor of ecology, received her B.A. from Skidsore and her Prog. from Bostom University Marian Program, Marine Stology & Woods Note. She has taught at Dalhouse University and assistant for research has been in the area of anti-

John N. Foster, professor of biology, previously taught biochemistry at the Boaton University School of Medicine and was a director of the Science Curriculum Improvement Program at NSF. He holds a Ph.D. in biochemistry from Barvard. In sediction to his involvement in biochemistry and in human biochemistry, he is interested in ecology and field biology, anactor electronics, baroque music, and white water canoeing. John will be away for the Fall Term.

Nancy 1. Coddard, associate professor of biology, was pre-viously chairperson of the department of natural science and viously chairperson of the department of natural science and schematics at the cut of the control of the control of the Ph.D. from Object of the control of the control of the on human reproduction, beath care for vomen, and endocrinology, she is also interested in field zoology, human and comparative anatomy, parasitology, marine biology, and tropical (Caribbean) ecology. Nancy will be away for the Spring Term.

Courtney P. Cordon, associate professor of astronomy, holds a Ph.D. from the university of Michigan her work includes a tendency of the professor of the results at the Royal Greenwich Observation in England, the Harvard College Observatory and the National Radio Astronomy Peak Mattoma to addition to astronomy. Courtney is intersited in addition to astronomy. Courtney is intersited in relativity, cosmology, extraterrestrial communication, code and ciphers, and solimal communication (dolphins and chimps). Site is a smearer of the first College Astronomy Department. Courtney will be away for the Fall Term.

Kurtiss J. Gordon, associate professor of astronomy, received his B.S. in physics at Antioch College, and his M.A. and Ph.D. from the University inchigan. His interests include time (including the oscophy of time and space), relativity, exteriorists and animal communication, and cosmology, Mist corrests in the communication, and cosmology, Mist research interests include galactic structure, interstellar matter, and palsars. Be is a comber of the Pive College matter, and palsars. Be is a comber of the Pive College.

ASTONOMY DEPARTMENT. ANTINS WILL be away for the Fail .

Everett M. Rafner is adjunct professor of physics. After completing his doctorate in physics at the University of Rochester, Hafner worked in nuclear and Cambridge (England), and the Liras bean of Satural Rochester. In 1968 and the Liras bean of Satural Science of the Cambridge of the Cambridge of the School. While and the Cambridge of the School. While and the Marshire he developed an interest in sound and light. He now spends most of his time in off-campus activities connected with electronic music. As part-time member of the Hampshire faculty, he teaches a course in optics with emphasis on the holographic process.

Key A. Henderson, assistant professor of physiology, did her undergraduate work in animal science at Mashington State University. Her M.S. Davis, where State California, Davis, where She State completing her dissertation. Key worked as a cryptal completing her dissertation. Yet worked as a cryptal completing her dissertation of particulture, and has done research at Cornell. She is an arised scientist interested in domestic animal reproduction plus women's health issues.

Kenneth R. Hoffman, associate professor of mathematics, has an Art. From Harvers, where he sales served as a teaching fellow. He tought mathematics at Talladage College during 195-70. In addition to sigherat number theory and mathematical modeling, ken's interests include education, American Indians, natural history, and farming. Ken is the Dean of Matural Science.

<u>Mavvid C. Kelly</u>, associate professor of mathematics, has taught at New College, Oberlin, and Talladega College. We holds an S.M. from N.I.T. and an A.M. from Dartmouth. We has, since 1971, directed the veil-respected Manaphire College Summer Studies in Mathematics for high ability high school students. His interests are analysis, the history of mathematics, recreational mathematics, and sevencen.

Allan 5. Reas, professor of physics and science policy assensament, was educated at Cornell and Stanford, where he received his Ph.D. in theoretical physics. He has reasonable to the processor of the physics of the processor of the physics of the

Mary C. Looney, assistant professor of physiology, received her 8.5. In blochemistry and an M.S. In animal science from the University of California, Davis, where she is adoctoral candidate in nutrition. Mary's research control and the control candidate in the control of the

Nancy Lowry, professor of chemistry, holds a Ph.D. from M.I.T. She has worked as a research associate at M.I.T. and amherat College and has taught at Sauth as the coordinated a chemical son School of Mursing. The has also coordinated a chemical son School of Mursing the has also coordinated a chemical analysis lab as more than the M.II River project in Northampton. He will see the continuous services and the services of the se

substances, the bessoon, and nature study.

<u>Bohra L. Martin</u>, assistant professor of biological anthropology
received a B.S. from Cleveland State University and her Ph.D.

received a B.S. from Cleveland State University and her Ph.D.

state University of Massachusetts in blood to the professor of the state of the professor of the professor of the professor of the curator and nutrition of the human necessary of a prehistoric American Company of the professor of

Lynn Miller, professor of biology, has taught at the American University of Science, Adelphi University, and at The Evergreen State College. His Ph.D. is from Standord in (fish genetics, this principal interests are in genetics (human and microbial),

general dicrebiology, and in nutrition. He is especially interested in working with small groups of students in laboratory projects and tutorials.

tory projects and tutorials.

John B. Reid, Jr., associate professor of geology, has pursued his research with laner surface and carth's interfor at the Saithney the Company of the Saithney of the Control of the Saithney the Control of the Contro

Ruth G. Rinard, associate professor of the history of science and dean of advising, received her R.A., summa cum laude, from the control of t

and society, and ninecomin century interfection intensity.

Arthur H. Mestins, Adjunct professor of ecology, received his A.B. from Columbia and his N.F. and Ph.D. degrees from Yale. He has been a forester with the U.S. Forest Service, and he aught at Pardue, the University of Assachusatts, Middlebury, and Windham where he was also the chairman of the biology, and Windham where he was also the chairman of the biology, and Windham where he was also the chairman of the biology of the control of the

Woodward A. Wickham, faculty associate in health care and rural development, received his a. Formen Harvard College and M.A.T. in education from the harvard Craduate School of Sducation. Part of the harvard Craduate School of Sducation. Part of the wishted and words characteristic of Carrent Intelligence of the Wish of the Institute of Carrent College of the Wish
Lloyd G. Williams, associate professor of chemistry and computer studies, received his A.h. from Coleate University and his Ph.D. from the University of Viscousin. He has and his Ph.D. from the University States of the Company, and E.l. Dupon Chemical Computer studies of the Computer Studies, were and air pollution chemistry, and corresponding to the Computer studies, were and air pollution chemistry, and energy conservation. No also enjoys whitewater Layaking, rock climbing and nature photography.

procegraphy.

Lewtonce J. Vinhife, essistant professor of botany, received the professor of botany, received the professor of botany. The professor of botany received the professor of the processor of the processor of symbol of the professor of the process of symbol of the professor of the process of symbol of the professor of the processor of symbol of the professor of the professor of the processor of symbol of the professor of the processor of th

Streetick N. Mitch, visiting assistant professor of physics, bolds a S.A. from Queens College of CUNY and a Ph.D. From Bolds a S.A. from Queens College of CUNY and a Ph.D. From Stomybraok University of SUNY. His research interestendent of the College of Cuny and the College of the College o

Albert 5. Woodhull, associate prefessor of computer studies and biology, received his Ph.D. from the University of Washington. He has taught if the Page Corp in Nigeria and has lectured at the Corp of the Corp

Ann M. Woodhull, associate professor of biology, received her SA. from Swarthmore and her Ph.D. from the University of Washington (physiology and biophy melurial Her interest include human shology, may biology, may biology, and biology, and biology, and biology, and biology toxins. For the connections between science and human fastimated the connections between science and human and sha has written two articles for <u>Connect Quarterly</u>, about the biology and physics of novement.

School of Social Science

Ephal Ahmad, professor of political science, reactived a Ph.D. from Princeton University and is presently a callew of the Transmational Institute/Institute (Program of Program
<u>Bichard Alpert</u>, faculty associate in political science and associate dean of the faculty and director of planning, has served on the research staff of the Urban Institute in Washington, D.C. His B.A. is from Hobart College and his Ph.D. from Marvard.

Carol lengelsdorf, associate professor of politics, holds an A.B. from Cornell, studied Russian history at Barvard, and is working on a doctorate in political actence from M.1.T. She is interested in political development in Southern Africa and other Third Vorid areas. She has conducted research in Algeria, Cube, and Paru, and has been a school teacher in Kemya and Biondures.

Aaron Berman, assistant professor of history, received his 8.A. from Hampshire College, and an M.A. in Jevish studies and M.Phil. in American history from Columbia University, where he is currently a doctoral candidate. He is particularly interested in the dynamics of ideology and politics.

Hyrna Margulios-Breithart, associate professor of geography, has an A.B. from Clark University, an H.A. from Sutgers, and a Ph.D. in geography from Clark University. Her teaching and research intercate include the social geography of work; economic social and political values as determinants of the built environment; social and epacial implications of alternative scrategies for community development; and problems in providing urban housing, camployment and social arrivings.

Mary Ellen Burns, visiting ussistant professor of legal studies, has a B.A. from Harvard and a J.D. from New York University School of Law. For the past four years she has been an environmental lawyer in the New York State Attorney Ceneral's office where she has worked extensively on hazardose waste and ground water pollution litigation, including, for example, the Love Camal case and other law suits against among pollutien. Before that her legal work included constitutional and civil ilberties Itigation, crutinal law, powerty law, family law, and bousing

Margaret Carullo, assistant professor of sociology, has a B.A. from the University of Pennsylvania, a B.Phil. From Oxford University, and is presently a #h.D. candidate as Brandels University. Her particular areas of interest are the sociology of women and the family in America; political sociology; stratification; sociology of work and leisure; and European social

Louine Parnham, associate professor of psychology, has worked in child guidance and mental hygiene clinics in Minnesota and California, and has taught psychology at Yale, Stanford, and Sam Francinco State College. She holds a B.A. and Ph.D. from the University of Minnesota. She will be on leave fall 1884.

Nancy Fitch, assistant professor of history, has a B.A. and M.A. from San Diego State University. She is completing her Ph.D. dissertation at the University of California, Los Angeles. Her teaching interests include European social and political history, 1500-1904, with emphasis on early modern European history, the old regime and the French Revolution, and Europe in the 19th century; women's history in a comparative perspective; agrarian and demographic history; and quantizative history; she will be on leave during apring stems returned.

<u>Michael Ford</u>, dean of students and assistant professor of political science, serned a ba. from Koox College and an M.1 an political acience from Borthwestern University, where he is not possible to the property of political of East Africa, Sub-Saharan African Governments, Black politics, and neocolontalism and underdwelopment.

Janet Gallagher, faculty associate and director of the Civil Liberties and Public Policy Program, is a graduate of Rusgars-Newark Law School. She has been deaply involved in civil rights and liberties issues for many years as an activist and, sore recently, as an attorney. She has worked on aboving the content of the co

Penina M. Glazer, dean of faculty and professor of history, has a B.A. from Douglass College and a Ph.D. from Rutgers University where she held the Louis Bevier Fellowship. Her special interests include American intellectual history with emphasis on radical left wing covements in the United States during the 1940s, and history of professionalism. On leave fall and opring

Leanard B. Glick, professor of anthropology, holds an M.D. from the University of Maryland School of Medicine and a Ph.D. from the University of Pennsylvania. Formerly an associate professor of the University of Fluscomein, he has done anthropological studies at St. Lucia, West Indies, for a public health program and a study of ethno-medicine and social organization in the New Guinea highlands.

Sandra L. Groham, assistant professor of history (at Nount Holyoke under the Five College Program) received her B.A. at the University of Colorado, M.A. at Cornell University, and Ph.D. at the University of Texas at Austin. She has taught in Australia. Her research interests are in social and cultural history, and particularly the oversips between history and anthropoley. She has written on domestic servants in Brazil

Lloyd Hogan, associate professor of economics, has an M.A. from the University of Chicago and has done graduate work in public affairs at the State University of New York, Albany. He is former editor of the Raview of Black Economy and assistant director for seemerch and sentence of the Raview of Black Economy and assistant director for the Company of the State of the

Frank Hologuist, associate professor of politics, received his B.A. from Lawrence University, and his H.A. and Ph.D. from Indiaso University. His interests are in the areas of comparative politics, political and administrative development, and American politics.

<u>Kay Johnson</u>, associate professor of Asian studies and political sciance, has her B.A., H.A., and Ph.D. from the University of Wisconsin. Ber ceaching and research interests are Chinese politics; comparative politics of underdeveloped areas; women and development; international relations including American foreign polity, Chinece toreign policy and polity-making processes.

Gioria 1. Joseph, professor of Black and vomen's studies, has a B.S. from New York University and a Ph.D. from Cornell University. At the University of Messachuserts, where she was associate professor of education, she served as co-chairperson of the school's Committee to Combat Raciss, and at Cornell she was assistant dean of students, director of the Committee or Orbot Raciss, and at Cornell she was assistant dean of students, director of the Committee or Special Educational Projects' compessing service, and associate professor in the African Studies and Research Center. She vill be on leave during spring term

Anthony Lake, Five College professor in international relations, received his Ph.D. in international relations from Princeton. Prior to serving as Director of Policy Planning for the Department of State during the Carter administration, he was a foreign service officer (1962-1979) and special assistant to National Security Advisor Henry Kipsinger (1969).

Joan B. Landes, associaty professor of politics and vonen's studies, holds a B.A. from Cornell University and an M.A. and Ph.D. in political science from New York University. She has taught at Bucknell University. Her areas of interest include: contemporary social and political thought (critical theory, psychoanlysis, and marxism); feminist theory, concemporary and historical; comparative women's history and politics; and sodern political thought (seventeenth century to the present).

Maureen Mahoney, associate professor of psychology, received her B.A. from the University of California, Santa Cruz, and he Wh.B. from Cornell University. Her special interests include the California Council California C

Lester Mayor, professor of law, has a B.A. and LL.S. from Stanford, served as law clerk to the Monorable Warren F. Burger, and has tayph at various law schools. Mis special concerns include the limits of the legal process and the role and status of vomen in society. Me will be on leave during fall 1984.

Laurie Nisonoff, assistant professor of economics, holds an S.B. from H.I.T., and an N.Phil. from Yale, where she is a doctoral candidate. She was a Woodrow Wilson Follow at Yale and is finishing her dissertation with the aid of a Ford Foundation Fellowship in Women's Studies. Her interests include Assertian economic history, women's studies, labor and public policy feature.

Donald Poo. assistant professor of psychology, received his B.A. from Duke University, his M.S. from Virginia Polytechnic Institute and State University, and his Ph.D. from Cornall University. His major areas of interest are social psychology, environmental psychology, and statistics.

Robert, escentive professor or politics, did his undergraduate vorta or Dearlin College. His M.A. and Ph.D. are from the University of Washington, where he was a lecturer before joining the Political Science Operates at the University of Illinois, Chicago. His fields of interest include public policy analysis—revuluation and impact; political theory; American national politics; public administration and organization theory; and politics of housing and mortages finance policy

Hedvig Rose, assistant professor of education and coordinator of education and child studies, has a B.A. free Cornell and an H.A. fros Scitt College, where she concentrated in comparative education. She is presently a doctoral candidate at the University of Hassochusetts. She was a supervisor of practice teaching at Smith College's Department of Education and Child Study and has worked with the Northampton public school system. Her academic interests include the History, philosophy, and sociology of education; the socialization process; comparative education; law; and teacher education;

Hiriam Slater, professor of history and master of Dakin House until 1974, received a Ph.d. from Princeton Untwerstry, when she held the first Woodrow Wilson Fellowship designed to allow a woman with children to attend graduate school half time. Be research interests include history of the family, early modern Europe, Turitaniss, and history of professionalism. She has execuntly completed a book on women's entrance into the profession will be a seven the second one of an and the seven control of the first control of the seven control completed and one on family life in the seven centre control.

Rudy Torres, assistant professor of education, has a B.A. from the University of California, Irvine, and a Ph.D. from Claremont Graduate School where he held a Ford Foundation Graduate Fellowship. His teaching and research interests include socia and political issues in advecation, the American political econoy, Chicano politics, etinic and race relations, and theories of economic democracy and policy reform. He has taught at the University of California at Berkeley and Loyola Marymount. University.

Robert von der Lipps, associate professor of sociology, was director of Inh National Institute of Hental Health Graduate Training Program in the Sociology of Medicine and Mental Realth a Brown Blotversity. Me has also caught at Columbia University and Amberst College. Him B.A., M.A., and Ph.D. degrees are from Stanford University.

Stanley Marner, associate professor of economics and master of Greenvich Bouse, holds a Sa.A. from Albino College, an N.A. from Nichigan State, and a Ph.D. from Harvard. His research and teaching intercate include American economic history, economic davelopment, and industrial organization. He has taught previously at Santa Cruz and Bockhell.

Frederick Meaver, professor of econosics and history, has a B.A. from the University of California at Berkeley and a Ph.D. from Cornell University. We has done research in Chile as a Foreign Arca Fellow and has taught economics at Cornell and the University of California at Santa Cruz. His special increase is the historical study of economic development and underdevelopment. New full be on leave during fall term 1984.

E. Frances White, associate professor of history and black studies, received her B.A. from Wheaton College and Ph.D. from Boston University. She has taught at Fourarb Bay College (Sterra Leone) and Temple University. Her interests include African women and Afro-American and Caribbean social history.

Barbara Yngvesson, professor of anthropology, received her S.A. from Barnard and her Ph.D. from the University of California at berkeley. She has carried our tesserch in Peru and Swedon where she etudied problems in the social organization of solar where she etudied problems control processor organization friends to the control processor of the problems of legal refers. Her areas of teaching include cultural and social ourse in the United States and is interested in problems of legal refers. Her areas of teaching include cultural and social anthropology (problems of observation and interpretation, kinship and family organization, ritual and symbolical), social theory, and the anthropology and sociology of law. She vill be on leave during spring term 1955.

CAMADIAN AND AMERICAN POLITICAL THEORY
IN HISTORICAL PERSPECTIVE
UNdess History 597C
INVESTING THE NEW WORLD: COLONIAL
BAZZIL AND MIXICO
Nount Bolyoka: History 287
Hampshire: SS 291

CONTROL AND RESISTANCE: SLAVERY IN Grahm NINETEENTH-CENTURY BRAZIL UMass: History 359 Lecture and Discussion

AMERICA AND THE THIRD WORLD
Humphire: SS '29'
CASE STUDIES IN AMERICAN FOREIGN
PULICY
Nount Holyoku: International
Relations 273

JAPAN: TRADITION, ADAPTATION, AND McLendor TRANSFORMATION Hompshire: SS 296

JAPANESE SOCIETY AND CULTURE
Smith: Sociology 225a

ANALYTICAL GEOCHEMISTRY
UMass: Geology 990B

Rhodos

INTRODUCTION TO DANCE AND NOVEMENT Schwart:
EDUCATION IN PRIMARY AND SECONDARY
SCHOOLS
Hampshire: H&A 263

INTERMEDIATE COMPOSITION Schwart
UMass: Dance 252

JAPAN: POLITICS AND SOCIETY
Ambergi: Political Science 39
GOVERNMENT AND POLITICS OF JAPAN
UMags: Political Science 334

UMaes: History 597C CANADIAN AND AMERICAN POLITICAL THEORY IN HISTORICAL PERSPECTIVE

John J. Conway

In North America in the 18th and 19th centuries, Sritish political theory separated into fix whig and cory components: the whig finding its fullest expression in the United States, the tory in Gamada. As a result, one country is a republic, the other a constitutional monarchy; one congressional, the other parliamentary. Both claim to be democraties. The seminar will examine this thesis together with the original therailes. The consequences of Canadian toryiss and American Liberalism.

Hampsbire: SS 291 INVENTING THE NEW WORLD:
Mount Holyoke: History 287 COLONIAL BRAZIL AND MEXICO

Sandra L. Graham

The New World was not discovered, but invented. Those who cames-Portuguese and Spanish explorers, missionaries, royal administrators, serchants, and planters-each sought to impose their aspirations and habits on previously unimaging traditions or institutions could succeed. Land and labor took on wholly me significances. Indians and Africans, from whom colonists would extract tribute or labor or whom who would convert to Christian belief and European ways, or by Inventing new responses and allegiances. From the conflict, the original societies of the New World were gradually forged.

Contrasting the colonial endeavors of Brazil and Moxico, we will examine the meaning of conquest and sectiement from the distinct perspectives of Europeans, Indians, and Africans. We will read the letters of Cortes, missionary journals, reports from officials, as well as contemporary bistories. We will examine evidence on the slave trade

Spring Term 1985 27

and consider the change. Not only establishing of s growth of cities administration. Patterns of family or revolt, Africalitural separation.	consequences of vill the search sugar plantation as centers for Through such dily life, poetry ans and Indians eness. We will	massive th for mi as concer trade ar iverse er and sor recorder attend	demographic neral wealth or the m us, but also the dipolitical presence by flight i their determined to that record. e in class discussion, exercises and a final	geo emi dif spe the err ana Int
namer. Besides	selected docume	mts and as Lockha A Histo	articles, reading art and Stuart B. ary of Colonial	на
UMass: History	260	CONTROL	AND RESISTANCE:	C
UMass: History Lecture and Dis	scussion.		AND RESISTANCE: IN NIMETEENTH- BRAZIL L. Graham	i i
An introduction investigation its connection in cities and and cultural aslaves, as well collectively, evidence on the meanings of primary enter write a final Thur 9:30-10:	on to Brazilian of the particul so the patter on plantations. sesumptions by w las the ways b resisted their he slave trade of abolttion. So ials and severa paper as well 45 a.m., 731 He	social har instins and p We will which own by which efforts.	istory through an turion of slavery and reactices of daily life I consider the legal ers sought to control slaves, singly and we uill examine door the distinct region-budder than studied remainstant liclass exercises. Tu,	
		. unn I	CA AND THE THIRD WORLD	
Hampshire: S		W. Ar	thony K. Lake	
women and de Economic iss	lonment: and	toreign ircssed f ittable f	of the Third World and toward it, covering such ent; trade, debt and n growth; refugees; assistance strategies, rom.a polley rather than or non-oconomists.	
Mount Holyo Relations 2	ke: Internation: 73	al CASI FOR	E STUDIES IN AMERICAN EIGN POLICY	
		w.	Anthony K. Lake	
An examinat to American cases as th the Cuban h case, polic pressures s limited.	tion of some dec o foreign policy he Korean and Vi Missile Crisis, cy issues and ti which framed th	isions to since Water Water Water Water Water Hiroshir he bureame issues	hat have been central lorld War II, covering such irs, the Bay of Pigs and has, and SALT II. In each acratic and political are examined. Enrollment	
Hampshire:	r	JA	PAN: TRADITION, ADAPTATION D TRANSFORMATION	
нащрепъте:	. 33 270	AN	D TRANSFORMATION umes McLendon	
that have last cent upon issue to the de A variety data will and inter The aim x cional: % have pla; and econ nation's the same mations social c environmention is pation is pation in the same con the same con the same con the same con the control of the same control	been most say. intry into a majores of "fit" and mands of "moder of approaches i pretive, and the fit of the moderation of mo	rr economing reconoming reconoming reconoming reconoming reconstruction reconstru	is power. Emphasis will be ton" of traditional closes ty and industrialization. pursued. Mile historical tation will be easily to the part that and the property of the part the source of the part that and conomic papen to the part that they continue to shape all they continue to shape and they continue to shape and structures by complete on the transform of a new international lonal order. Active part is short paper and one long are expected. Two (one and the part of the transform of the paper	ci-
Smith:	Sociology 225a		JAPANESE SOCIETY AND CULT	JRE
			James McLendon	
Concen	and lead	urhan 11	hrough examination of feat unctioning as an "advanced historical background by vill set the stage for tal cultural patterns, so fe, work and other types of licy-making, economic stri- relations with other nation or 101b.	

ANALYTICAL GEOCHEMISTRY

t review of modern analytical techniques that are widely used for the analysis of major and trace elements in

UMnss: Geology 590B

geological samples. Topics to be covered will include optical esistion and absorption spectrometry. X-ray (increscence and diffraction analysis, neutron entertion analysis and asseptercontrict isotope did not analysis. Emphasis will be on the principles of with analytical techniques, the sources of manipulation of the principles of with each, and the role that they play in analytical techniques the sources of manipulation geochemistry. Percequisite: Perrology or Introductory Coochemistry recommended.

Hampshire: H&A 263

INTRODUCTION TO DANCE AND MOVEMENT EDUCATION IN PRIMARY AND SECONDARY SCHOOLS

Peggy Schwartz

Course work will include developing curricula in dance and movement for primary and secondary school settings. Through readings, visits are carecthools, fitten and videos, and reaching experience and movement. Addition to course by interview and permission of instructor.

UMass: Dance 252

INTERMEDIATE COMPOSITION

Peggy Schulartz

Continued study of the principles and elements of chore-ography. Emphasis is of formal aspects of choreography. Emphasis is of formal aspects of choreography. Charletial). Course work will include aspect approximate studies, solos duets, trios and in small groups as well as a final dance project. Continued work with group improvisation. Required attendance at and critical analysis of selected dance performances.

Amherst: Political Science 39 JAPAN: POLITICS AND SOCIETY

Dennis f. Yasutoso
This course will examine political institutions and policymaking processes in contemporary Japan. Particular attention
will be given to political culture and econosy, issues
political participation and electoral behavior.
recruitment. It will also raise questioning the
videly assued uniqueness at sylv. The course will also
consider the order and the process of the political parties. We consider the order and the process of the political
payers. Specific institutions that will be covered include
parties, the bureaucracy, the Dist, major interest groups and
citizens' movements.

UMass: Political Science 334 GOVERNMENT AND POLITICS OF JAPAN

Dennis T. Yasutom

An introduction to Japanese political institutions and policy-making processes. The course will concentrate on political parties and the electoral process, the submitted the Diet, the burseutersy, interest groups, local politics and issues in foreign polity.

1985 Spring Term Preliminary Course Descriptions

Z&CSC&CSC&CSC

Communications & Cognitive Science

SCHOOL OF CORMUNICATIONS AND COGNITIVE SCIENCE

100 LEVEL

ABORTION: PERSONS, MORALITY, AND THE LAW

Garfield

OBSERVING CHILDREN AND OTHER PEOPLE: TACTICS AND TECHNIQUES CCS 110 $\,$

Stillings

THE CONSCIOUS AND UNCONSCIOUS MIND IN PSYCHOLOGY CCS 145

Hiller

200 LEVEL

HISTORY OF THE PRESS IN THE UNITED STATES

Karr lones

TELEVISION STUDIO WORKSHOP CCS 209

DATELINE: WASHINGTON, D. C.

FROM STAGE TO SCREEN CCS 213

INTRODUCTION TO COMPUTER PROGRAMMING IN PASCAL CGS 215 NEWS CONSTRUCTION/VIDEO PRODUCTION

WORKINGS OF THE MIND: THE PSYCHOLOGY LABORATORY

Stillinge

CCS 270

PROGRESS IS OUR MOST IMPORTANT PRODUCT: AN INTRODUCTION TO THE HISTORY, PHILOSOPHY, AND ASSESSMENT OF TECHNOLOGY CCS 286/NS 288

Gerfield Krass

300 LEVEL

MEANING AND TRUTH: ISSUES IN THE PHILOSOPHY OF LANGUAGE CCS 312

SOPTHARE DEVELOPMENT WORKSHOP

Muller

CCS 102

ABORTION: PERSONS, MORALITY, AND THE LAW

Jay Garfield

Abortion is perhaps the hardest moral problem. It seems to pit against each other two of our deepest ethical commitments—our commitment to individual liberty and to the sencity of human life. Abortion presents difficult and profound legal problems as well. To what extent can legalistors modificate restrict abortion? Should the Constitution been or permit abortions? Is abortion a public or a private issue in the first place?

This scenar will address these complex legal and moral issues through studying legal decisions and philosophical essays on the mortion question. Each student will have the opportunity or argue both sides of the issue in written essays and in classroom presentations.

We will emphasize the development of the skills necessary to read, criticize, write, and discuss philosophical and lags! arguments and will try to do some clear thinking should diffi-cult issues. Enrollent its open. The class will meet twice a week for 1½ hours each session.

CCS 118

OBSERVING CHILDREN AND OTHER PEOPLE: TACTICS AND TECHNIQUES

Lynne Baker-Ward

Lynne Baker-Ward

Division I students planning simple experiments and professional psychologists conducting extensive research projects face a
common challenges and professionform that can be small profession of on-going behavior into a
common challenges and profession of on-going behavior into a
common challenges and the resolved by clinical psychologists,
summer to behavior in less formal but nonetheless on behavior in the summer of the secretary of the secret

There will be an exercise each week that requires practice in using some observational technique. In addition, studies that provide models of good and had observational strategies will be reviewed and discussed early on in the court as a second part of the course, group polar attendance, completion for the weekly completion of the weekly earchises, and submission of the final project.

Course satoliment is limited to 20 by the instructor's permission; priority will be given to students who are currently engaged in Division I work that requires the use of observational mathedologies. The course will meet in the Cognitive Development Laboratory tutce a week for 15 hours each time.

THE CONSCIOUS AND UNCONSCIOUS MIND IN PSYCHOLOGY

The study of consciousness and the postulation of unconscious mantal processes is a major theme in psychology. This course provides an intensive introduction to psychology through the study of some of the theories and research areas that have been concerned with the conscious and unconscious mind: recording theory; the nature of emotions and states of consciousness, e.g., sleep and hypnosis; unconscious cognitive materials and extensions and studies and extensions and studies and extensions and studies and the studies and actual social behavior; and questions about the nature of consciousness, its relation to the self, and tests for its presence in nonhuman organiums, computers, and people.

Class meetings will consist mainly of discussion of the read-ings, which will be chosen from both classic sources, e.g.. Freud and from contemporary research in cognitive, social, and physiological psychology. Occasional brief writing exercises will be assigned and a term paper on one of the topics in the course is required. The course is primarily intended for stud-dents at any Divisional level who have little control of the in psychology. Students with more background should consule with the instructor about the suitability of the course. Class will seet twice a week for 13 hours such time. Enrollment limit is 20 with instructor permission.

CCS 183

DATELINE: WASHINGTON, D.C.

James Miller

James riller

Much of the daily newspaper's front page and many of the big stories on television's evening news are devoced to events datelined Washington. He has story be about a politically perian over the control of the control

Our readings may include "insiders" articles from current jour-nalism reviews...as well as such books as the Meshington Reporters by Ness, Reporters and Officials by Sign. and The Other Govern-smit by Nivers. We will be the Meshington news on television and by Nivers. We will be the Meshington news on television and the second of the second of the second of the second and the second of the second of the second of the second precision of Washington, D. C. The class will need truce a week for 1½ hours each time. Enrollment is limited to 16.

CCS 201

A HISTORY OF THE PRESS IN THE UNITED STATES

In this course we will explore the role of the press in the United States in communicating events, values, and patterns of behavior to the American public. This will not be a strict "chronology" course. Rather, through topic development, we will try to achieve some synthesis between the history of the press as a social institution and the social fabric of which it is a part. For this reason American history concentrators are particularly encouraged to consider this course as a means of understanding the role of the press in a developing America.

Some concerns have characterized the American press since its treeption. We propose to study a few of them in accordance with the topic orientation to the course. We will trace such subjects as: press freadom and the law, either and professionalism, the press and labor, foreign correspondents and war respecting, sensactionalism, the business of news, muckraking, and the press and the Presidents. We will also spend some time looking at the continuing struggle of the alternative press covement in the United States.

There will be two research papers required in the course. The first will be an analytic paper studying examples of 19th contury newspapers. For the second each student will be expected to design and execute a research project dealing with some aspect of the history of the press. A few short exercises will also be easigned. Class will meet for 1% hours twice a week. Enrollment is open.

TELEVISION STUDIO WORKSHOP

Gregory Jones

This studio workshop is designed for students who intend to pursue video production as part of their Division II programs of study. The course of the beased on the hypothesis that everyone should now the ability to work at o "professional" level of competency and engaged in the study of television as a "liberal sr. Students will serve as directors, performers, writters, and crew members. Everyone will fulfit! all of these responsibilities during the course and demonstrate

their critical and production abilities in competency examina-tions administered by the Communication Services staff and the

The course will require six hours of studio/classroom work a week and from five to lifteen hours for directorial prepara-tion, rehearcals, reading, and assignment completions exhects must devote at least three hours for practice and the uted on wednesdays from 3100 to 6:000 and from 7:00 to 10:00.

Enrollment is limited to 16 by instructor permission and a lottery will be held if necessary students must purchase their our video tape, graphical purchase and exchools, including Television Professional Professi

CCS 213

FROM STAGE TO SCREEN

Oregory Jones
This course is an introduction to the theories and processes of directing, production planning, previsualisation, and critical support of the production planning, previsualisation, and critical support of the production processes of stage and screen. Lectures and discussions will be based in part on evaluations of theatrical video, and fill in renditions of plays. Class exercises will include textual analyses and production treatments; blocking and act plots; directing and acting sceneous; estripting and datory-boarding; and written critiques of video, film, and datory-boarding; and written critiques of video, film, and divisions. Communication, and Style (Hodge). Acting Communication of the Communicati

Enrollment is itsited to 20 by instructor persmission, and a lottery will be help if necessary. The class will neet twice userly will be help if necessary. The class will neet twice userly the class will neet twice userly the control of the contr

CCS 215

INTRODUCTION TO COMPUTER PROGRAMMANG IN PASCAL

Computer programming includes elements of art, craft, and science. In this course we will touch on all three and lay a science. In this course we will touch on all three and lay a foundation of the computer studies. The questions which permit will be thou do we organize problems in ways which permit computers to solve them? When the proposed is not the proposed in
There are no formal prerequisites for the course, However, students should have some prior experience using computers; students should have some prior experience using computers; enrollment in CCS 112, Computers in Everyday Life, in the fail term will provide a useful background for this course. We will meet three times a week for lectures, demonstration, and discussion. Students will schedule their on time for "laboratory" work with computers. Enrollment is open.

NEWS CONSTRUCTION/VIDEO PRODUCTION

James Miller and TBA

Now is television news made? Is it a reasonably accurate entror of aspects of social reality! Or does the process by which stories are made-relied, edited, centored-have its value for the production of the control of the production of the production through reflecters. First expectation of the production through reflecters are several objectives. First we wish to teach basic journalistic writing for TV news. Second we want to polish video production akills appropriate for news. The polish video production akills appropriate for news. Justice we hope to explore literature on the work routines of journalists. Leastly, based on new-found insights, we will consider alternative ways to make television news.

Basic knowledge of video production (studio or field) is nec-essary for students who join us. We are, however, eager to include students with experience in print or radio journalized or who have advanced knowledge of relevant social sciences. In production-team settings students will be assigned various production jobs. We will produce short spor-new stories, interviews, and perhaps an investigative or feature piece. The class will meet for 2 hours 3 times a week. Enrollment is limited to 12 by instructors permission.

CCS 270

WORKINGS OF THE MIND: THE PSYCHOLOGY LABORATORY

Neil Stillings

Collecting new data is one of the great pleasures and challenges in psychology. Reading about psychological research conveys very little of the excitement or the case of individual conversations. The property of the case of this course is to do experiments. In all show yet case of this course is to do experiments. And the property of the case, share some of yet excitements, and the case of the case, share some of your conversations of your conversations. The property of the case of the case of the your conversations of your conversations of the case of the case of the property of the property of the case of the property of the pro

memory, and reading. Individual students or small groups of students will then design and run original experiments of their

A course in laboratory psychology is a prerequisite for admission to graduate school in psychology. This course is also recommended for students in the other social and cognitive sciences and for students in computer science who are interested in artificial intelligence or human factors in software ungineering. The class will meet twice a usek for 2 hours each time. Earollment is limited to 12 by permission of the instructor.

PROGRESS IS OUR MOST INFORTANT PRODUCT: AN INTRODUCTION TO THE HISTORY, PHILOSOPHY, AND ASSESSMENT OF TECHNOLOGY

Jay Garfield and Allan Krass

The world we live in is a creature of technology. Much of our everyday life involves commerce with technological products. Our politics and actence are deminated by technological interests. Argubity our society and we ourselves are artifacts formed by the very technology we have created.

This omnipresence of technology is increasingly becoming an object of study for philosophers, hierorians, sociologists, and natural actentiats. In this cortical, and political problems principal philosophical in the cortical, and political problems technology posts. The control of technology posts. The control of technical resources, the relation between technologies problems are the control of technical resources, the relation between technologies and the issue of public vs. private control of technology. These four problems will be examined by reference to case studies of a number of technologies. Enrollment is open and there are no prerequisities. The class will meet twice a week for two hours each time.

CCS 312

MEANING AND TRUTH: ISSUES IN THE PHILOSOPHY OF LANGUAGE

Jay Garfield and Steven Weisler

Between us and our fellows, between us and our world, perhaps even between us and our thoughts stands language. How does language hook up with the world? How do gentences and words get their cessings? What is truph?

These and other perplexing philosophical questions confront anyone trying to understand the nature of hemen communication, anyone trying to understand the nature of hemen communication, thought, and the relation of percent are carb other and to their world. This senting visit is the resources of twentieth contrary philosophy and the present the resources of twentieth contrary philosophy and the present the resources of twentieth contrary philosophy and the present the resource of the present the resource of the present the prese

At least one course in either philosophy or linguistics is a prerequisite to taking the course. The class will meet once week for three hours. Enrollment is limited to 20 by permis-sion of the interructors.

SOFTWARE DEVELOPMENT WORKSHOP

Richard Muller

Participants in this course will work together on one or two computer software projects. Including their design, specification, and initial stages of implementation the foreign relation and initial stages of implementation of the foreign relation of the course. The control of the course of the course of the projects when the determined in fall 1984 oct areas for the projects when outset of the course. Given the cast lead to the course, the project of the course of the cours

Participants will meet twice a week for 13 hours each time to discuss their projects and to discuss readings from the software development/design literature. Projects with bunder-taken in a high-level progressing language, probably Pascal. Preparation equivalent to CC 215, introduction to Computer Programing in Pascal, and CCS 296, Data Structure, is required. Enrollment is limited to 16 by permission of the instructor.

NSNSNSNSNSNSNSN School of Natural Science

100 LEVEL LITERALLY POISONED THE BIOLOGY OF WOMEN

HUMAN GENETICS NS 127 THE WORLD POOD CRISIS

NS 151 SS 151 A REVOLUTION IN EVOLUTION NS 152

Coppinger

Lowry Woodhull

MICROBIAL ECOLOGY NS 154

Miller

	A	Students will be expected to read from text materials and	
QUANTUM MECHANICS FOR THE MYRIAD MS 183	Bernstein	primary research reports, to come to class prepared to the these readings, and to complete a project on a question related to the course content. Evaluations will be based upon the	NS 154 HICROBIAL ECOLOGY
200 LEVEL	Ì	quantity and quality of these activities.	Lynn Miller
SCOLOGY MS 207	D'Avanzo		The smallest living organisms are one hundred million times smaller than Homo sapiens in length. Some single celled yeasts are the same size as a human red blood cell. The bacteria are the constitute per-
SOILS MS 209	Winship	1	a million times smaller than at the street on our planet. In
	Lowry		haps 50% of the total cass of the shout look at.
ORGANIC CHEMISTRY MS. 212		tonic are offered on a	and play around with the chort by temperhoek 300 years ago.
REPRODUCTIVE PHYSIOLOGY	Henderson	regular schedule at Hampshire College. These courses and times	the course.
THE ROOTS OF THE ARMS RACE HS 233	Krass Cerullo Levis	13 Its times delibered	In the lab, students will learn the tools of microbiology, and design and carry out (in small groups) independent lab projects.
SS 233'	Martin	Fall 1985 SS 256 Informational Macromolecules First six weeks SS 257 The New Genes: Cloned, Novable, and Split Second 6ix weeks	Class will next twice a week for a $1-1/2$ hour lecture discussion plus a 3 hour lab.
NS 251 INTRODUCTION TO CALCULUS AND COMPUTER MODELING- FOR SCIENTISTS AND SOCIAL SCIENTISTS NS 261	[*] Kelly	Spring 126 NS 126 Beanbag Genetics First six weeks NS 228 Genetics of Evolution Second six weeks	List: 16 - first come.
GENERAL PHYSICS B. NS 283	Wirth	The courses given in a single term are so arranged that students	NS 183 QUANTUM MECHANICS FOR THE MYRIAD Herbert Bernstein
AN THE PROPERTY OF THE PROPERTY AND	Krass	may take a full secester course in generate of the hours of minicourse. Each minicourse should require about ten hours of reading each week for a typical college student as well as the	the same of a newerful intel-
PROGRESS IS OUR ROST INTOXIANT TRANSPORT AND INTRODUCTION TO THE HISTORY, PHILOSOPHY AND ASSESSMENT OF TECHNOLOGY NS 288	Garfield	six hours of class time.	lectual influence of the Lines.
LC 288 HITCHCOCK CENTER PRACTICUM IN ENVIRONMENTAL	Bruno	course, course (or for all of them) should expect to do more work in the form of a paper, additional reading, lab work, or problem solving by arrangement with instructor at the beginning	tion, we develop the actual quantum theory in the matter mechanics form. This theory underlies our current understanding of stoms, particles, and virtually all physical processes; it has important philosophical connequences as well.
EDUCATION NS 295 A&B	Darmstadter+	of the minicourse or course.	The course has three themes: quantitative approximations to
HINERALOCY	Reid		describe observations; the participant accordingly the
NS 296		NS 127 HUMAN GENETICS	ideal composition of the class and interest
300 LEVEL	Woodhull	Lynn Miller	with a general interest in science, live Wirn potential interest to specialize in science, and five with potential interest to specialize in philosophy.
REAL WORLD PROCRAMMING IN FORTH NS 307		There is a habit of thought, perhaps as old as language itself, that keeps getting in the way of our understanding of the history and nature of life. This is our tendency to think in history and nature of the Dardn-Wallace theory of natural	Class will meet three times a week for 1-1/2 hours each.
LINEAR ALCEBRA AND ITS APPLICATIONS NS 316	Kelly	terms of static types. The series and all the state of	Class Will meet thick there is
BOOK SENTINARS IN MATHEMATICS NS 320	Kelly	selection shattered the basis of typological thinking of the century ago, but many students of life are still unaware of the profound implications of thinking about populations rather than types.	NS 207 ECOLOGY
"BEHAVIOR SEMINAR".	Coppinger	2 Meale un know about the	Cherlene D'Avanzo
, NS 340	Reid	genetic diversity within the numer special sused) in selected	This course is an introduction to the theories and concepts of ecology. Students will gain an appreciation for the very difectly of natural systems.
ISOTOPE GEOCHEMISTRY NS 345	Harrison*	this limited another the section, and social policy. Students in this section will be asked to write short essays	Topics covered include factors limiting distributions and
COSMOLOGY ASTFC 20	. •	and to give oral presentations.	the community (ever, and larger series level A basic ecology
GALACTIC AND EXTRAGALACTIC ASTRONOMY ASTFC 22	Edwards*	The seminar will meet 3 times each week for 1-1/2 hours each meeting.	text plus several classic papers will todo this course students discussions. In the laboratory section of this course students
STELLAR EVOLUTION AND NUCLEOSYNTHESIS ASTFC 35	Dennis*	Enrollment: 20, first come.	in our solar greenhousel
ASTROPHYSICS II ASTRC 44	Kwan*	NS 151 THE WORLD FOOD CRISIS	Class will meet for 90 minutes twice a week plus one afternoon lab.
		SS 151	
+School Program Coordinator, Hitchcock Center		Frank Holmquist, Ray Coppinger	
*Five College Astronomy Department Faculty		The course combines natural and social science perspectives on the current world food situation with particular emphasis on	NS 209 SOILS
		New England, the United States, and Third World agriculture. We begin with a discussion of the extent to which trends and	Lawrence Winship
NS 112 LITERALLY POISONED		the present situation justify the erem "crisis"; followed by an examination of the ancient origins of agriculture and selected	Soil is in reality a highly structured combination of minerals, organic matter, air, and water inhabited by a remarkably di-
Nancy Lowry and Ann Woodhull		food and ecological crises in antiquity. The historical crists tion of New England agriculture will provide groundwork for the trudy of the rise of modern agriculture in the United States,	production system depends directly on the health of this
As the writers of mystery stories have disco- leave distinctive "signatures," and it is no		involving rapid technological change, an export orientation, the rise of agribusiness and a centralized food marketing and	ponent through readings and landidate of the county as
someone without a trace. There is siso a 10	ns do their ghastly	processing system, fossil fuel dependence, the precarious con- dition of the small farmer, and the feasibility of efforts to	our outdoor isboratory. We will the stand how these
work. For example, one of the deadlest por) has a complex	revive rural communities around a small farmer base. The rise of European industry and the colonial impact on historical	properties influence the soil environment is the relationship
molecular structure and is made by a deep-se	the exploration of	peasant agriculture will supply the conceptual background for a close look at several processes and cases: the population issue	between measurable soil properties and selected "indica-
how nerves work. In the subtle chemical str		the promise and pitfalls of Green Revolution technology, and the particular examples of Portugal, Turkey, the island of St.	tor" plants in the Biosnetter in prostance. We will amend
poisons to lure and subout their prey.		Kitts in the Caribbean, and Kenya, Innzania, Chad, and the Sahel region in Africa. Nicaragua will be examined as a case	and "chemical" fertilizer, and assess effects on the composi-
We will read mystery stories for edification read what the scientists have published about actions of some poisons, mostly natural ones	it the chemistry and	Sahel region in Africa. Micaragua will be anamical as of socialist agriculture and a possible alternative to dominant trends. The class will meet twice a week for ly hours each session.	tion of plants and soil. Class will meet for one hour three times a week and one entire
no lab.		Enrollment is unlimited.	afternoon.
Students are expected to read the assignment in classes, and to write two short summaries			
papers. The main assignment will be to research to the class, and to write it can be developed into Division I exams.		NS 152 A REVOLUTION IN EVOLUTION	NS 212 ORGANIC CHEMISTRY
Class will meet 1-1/2 hours twice a week.		Raymond P. Coppinger	Nancy Lowry This course is a continuation of the first semester; emphasis and spectroscopic identification
		Most authors argue that the recent extinctions of many species like mastodons and dodoes were caused by humans. An alternati	vel is on the functional groups and specific
		hypothesis, however, is that a major evolutionally including humans,	of organic compounds.
NS 124 THE BIOLOGY OF WOMEN		to thrive at the expense or lords that are history of extinction.	Class will meet for 1-1/2 hours three times a meeting two hour lab per week.
Kay Henderson and Mary Looney		evolutionary processes, parvin a pitality, social behavior.	
Daily pressures by our society encourage wo of services and products claimed to make th		Students will learn how scientists construct an hypothesis and will be expected to write a term paper testing the ideas gene-	ADVANCED BIOLOGY COURSES
and to look and feel young longer. A bette	men to sort out the	rated in the course.	
mythe and be aware of ways that health con	this course we wil	Class will meet for 90 minutes twice a week.	regular basis so that sedecite the regular ported courses
study relevant systems of the body and lear can play an active role in maintaining thei		n	in their concentrations. In any given two-year period: in all of these topics will be offered, although the instructors
can hand an access to a constant			

and titles will not necessarily be the same each time. The complete list is shown in the course schedule, with a motation on each course showing when it will next be offered.

Fall: Animal Physiology, Plant Physiology, Molecular Biology Spring: Biochemistry, Reproductive Physiology, Ecology, Genetics

Fall: General Physiology, Cell Biology, Animal Behavior Spring: Enzymes, Nutrition, Evolution/Genetics

REPRODUCTIVE PHYSIOLOGY.

This course is a thorough exploration of comparative reproductive biology. The course will cover such copies as reproductive anatomy, gametogenesis, foiliculogenesis, fertilization and implantation, pregnancy, parturition, and lactation. The endocrinology of senserual and sense business, livestock, and laboratory animals. Stocked will include support the project and present their findings to a class symposium project and present their findings to a class symposium structure and texts.

Students with no previous background in biology should see the instructor during the fail segmenter to discuss their prepara-

Class will meet for 90 minutes twice a week.

THE ROOTS OF THE ARMS RACE

Allan Krass, Margaret Cerullo and Jill Levis

Why do the United States and the Soviet Union build ICMW, neutron bombs, frident submarines, all bembers and all the other lethal hardware that make up shows the state of the

This course will examine a number of these possible roots of the arms race through readings and discussion. Suppose will be on differing perceptions of the Soviet throat, analyses of the relation between spending and the course and the role of bureaucratic and technological assential in perceptions and arms race. Special attention will also be given to a feminist analysis of the social basis of militarium in our society.

The course is open only to students who have completed a Division I exam in Natural Science and/or Social Science.

Class will meet twice a week for 1-1/2 hours each. No letter grades will be given.

HUMAN ORIGINS

Debra Martin

This course will critically examine the research strategy, data base, hypotheses and conclusions of various actentiats concerning the Mindescent base for human behavior and curtion. Two weeks each will be spent on the following concernation topics:

"The evolution of bipedaliss and the origin of "humans" (how is "human" dofined?)

"human" dofined?)

"human" dofined?)

"human" defined?)

"human" defined?

"human" defined?

"human" defined?

"human defined?

"human defined?

"human" defined?

"human" defined?

"human" defined?

"human defined?

"human defined are ing behaviors of a wilding and child rearing behaviors of a result of a strain gand child rearing behaviors.

The evolution of the digestive system and the origin of hunting, gathering, foraging, farving, and high-real houd bases.

The evolution of the woral tract and the origin of humans.

"Synthesis Ribothavior and socioticipal will be human dependent behavioral responges based on an understanding of anatory and biology?

The course will see to get at the blasse which perseate the scientific literature concerning the role of males and females in evolution. Replices of certy fossil human and protokuman remains will be used to examine the bloogless defendent supporting the various closes in the selentific literature concerning human origins and behavior.

Class will meet for 1-i/2 hours twice a week. Enrollment (s

Class will meet for 1-1/2 hours twice a week. Enrollment is

INTRODUCTION TO CALCULUS AND COMPUTER MODELING FOR SCIENTISTS AND SOCIAL SCIENTISTS

Traditionally, the mathematical preparation for acientiats and quantitatively—sinded social acientiats begins with a year or more of the calculus. Easy access to high speed computers has increased the usefulness of other tools: or almost nil scientists and social scientists (with the possible exception of physiciats and engineers) the content of this course is more appropriate than the calculus. Topics will include:

Functions and graphs
Computer similation calculation, and plotting
Computer similation sights (vectors and matrices)
Liesentary lines sights (vectors and matrices)
Lines thotals (calculating input-output analysis, lines regression, and analysis of vertance)
Concepts of the calculus (the language and its interpretations)

Difference methods (applied to approximating solutions to differential equations)
Elementary probability and statistics (including the use of interactive statistical programs to save, Lodify and analyze interactive statistical programs to save, Lodify and analyze

No previous programming experience is required; the computer will be used throughout the course.

Classes will meet three times a week for I hour each session; additional evening problem sessions will be acheduled using on-compus caching assistants. Regular substantial problem sets will be assigned and will constitute the heart of the course work.

NS 283

GENERAL PHYSICS B

Frederick Wirth

Selected topics in physics will be considered including electricity and magnetias, wave motion, and optics. Nuch of the information of the consideration of the constant of the classroom serting. Considerate a complement to General Physics A-in the courses form a comprehensive student of the course of the course in the course in the course in the course in the course of the course in the course will be course will picture the course will picture and course will be course will be course will be considered and course will be considered and the course will be compared to the course will be considered and the course will be considered and the course will be considered to the course will be co

Class will meet three times a week including one problem-solving semmion.

Enrollment is limited to 20 on a first come, first served basis.

PHYSI'CS HELP

Frederick Wirth and Herbert Bernstein

Do the "tools" of this particular trade look more like hostile wespons? Has problem 32 of chapter 6 given you a sleepless unight? Come to us: We can help with information, conceptualization, practice and the various tricks of said trade. Students taking General Physics B or any similar course elsewhere should be especially aware of the existence of this resource.

PROCRESS IS OUR MOST IMPORTANT PRODUCT: AN INTRO-DUCTION TO THE HISTORY, PHILOSOPHY AND ASSESSMENT OF TECHNOLOGY

Allan Krass and Jay Carfield

The world we live in is a creature of technology, Buch of our everyday life involves commerce with technological products. Our politics and aclence are dominated by technological interests. Arguably our society and we ourselves are artifacts formed by the very technologies we have created.

This omniyreaence of technology is increasingly becoming an object of my for philosophers, historiams, sociologists, object of my for philosophers, historiams, sociologists, or my construction of the principal philosophical, historical, and related problems technology poses. We will examine reseasing new technology and science, stretegies are sensesing new technologies and deploying technical technologies and deploying technical technologies and the metits of centraliting and determined the technologies and the issue of public vs. private control ting technologies and the issue of public vs. private control technology. These four problems will be examined by ference to case studies of a number of technologies. Entolment is open. No prerequisites.

Class will meet for two hours twice is week.

NS 295 A6B HITCHCOCK CENTER PRACTICUM IN ENVIRONMENTAL EDUCATION

Merle Bruno and Nancy Darmstadter+

The Hitchcock Center for the Environment can provide a variety of opportunities for students who wish to gain teaching experience in environmental education. More detailed descriptions of two of the opportunities are given below. Call Nancy Darastadter (236-6006) <u>before</u> you register for either of these activities.

A. Integrated Environmental Education

This program emphasizes the development and implementation of an activity-oriented environmental education program. Participants will work with the Hitchcock Center suff leading abherst and achold children on environmental leid trips. The program or achold children on environmental leid arips. The program or activities an opportunity to learn about and facilitate environmental learning experiences while offering familiarity with environmental education resources and teaching methods.

Participants are expected to complete a variety of short read-ing and writing assignments, assist with one field trip per week, complete a small project, attend two elementary school presentations, and write a final paper.

uation will be based on completion of all assigned work and and regular participation in all scheduled meetings.

Class will meet Monday afternoons 1-4 and field trips are held on Mednesday or Thursday mornings.

B. Environmental Curriculum Development

Participants work with the School Program Coordinator to develop and implement environmental classroom presentations. Students meet with the coordinator once a constituting convenient ties to develop an original contain and to learn to imple-ment a presentation of the Participants are expected to purifying according to written description of an original presentation averal classroom presentations and complete the program of the presentation of the presentation is required.

valuation will be based on reliability, quality of presenta-ions, and written work.

Five College Students may request a P/F final grade. +School Program Coordinator, Hitchcock Center for the Environ-

NS 296

John seta

In this course we will investigate the formation of the group of natural compounds - whereast - that comprise the earth and that contain valuable cluss will se evolution. We will set that contain valuable clus of the cheatical clusmats by nucleosynthesis in stars and the factors governing the geochesical synthesis in stars and the factors governing the geochesical synthesis in stars and the factors governing the geochesical whenever the stars are started for the contribution of the demand clusmats of the earth's crust in the renation of a given mineral is dependent on the local abundances and behaviors of its constituent alements the ball of the contribution of the stars of the contribution of the stars of the contribution of the course.

Class will meet for 90 minutes twice a week plus 1 afternoon lab.

REAL WORLD PROGRAMMING IN FORTH

Albert S. Woodhull

This course will teach you how to use the computer language and operating system called FORTH to reach out to the Treat and in two ways. FORTH was originally designed by the construction of the construction

This is not a beginner's course. In addition to prior programming experience, you should be seriously interested eithe in now computers bork on the inaide or in using computers for laboratory or other non-calculational purposes.

Prerequisite: ability to program in any computer language.

Class will meet for 90 minutes twice a week.

NS 316

LINEAR ALGEBRA AND ITS APPLICATIONS

This course develops the basic guometric, algebraic, and composite the course and composite the course about vector spaces and matrices and applications in out one of problems and models. The matrices are considered to the course of the cou

Included will be discussions of finite dimension vector spaces, matrix multiplication, eigenvectors and sometric spaces, matrix multiplication, eigenvectors and sometric spaces. Polications will be made to combust creekies, toyates, probability, statistics, economic and environmental models, differential equations, linear programming, and game theory.

The class will meet for four hours each week and will require substantial amounts of problem solving; enrollment is open.

NS 320

BOOK SEMINARS IN MATHEMATICS

Whenever a group of students decide that they'd like to learn a certain piece of mathematics, they are encouraged to meet with one of Rampshire's mathematical faculty members to arrange a book seminar.

Students in a book seminar will meet with an instructor for one bour each week and amongst themselves several hours each week.

Topics which have been proposed for book seminars include:

Modern Algebra: The study of algebraic structures such as groups and ficids, with applications to number theory, geometry, physics, and puzzler saic tools and results of multiverieble only (red, Out) for the study of electric and magnetic fields. The mathematics of chance and theoretical back-recommit for stutistics. Probability: The mathe

Complex Variables
Differential Equations

Spring Term 1985 31

NS 340 BEHAVIOR SEMINAR
Baymond Coppinger
This seminar is intended for advanced students in animal behavior. We will review and discuss the literature, concentrating on journal articles and other literature which are: the sub- on-spoing domestic animal research at a student of the sub- ject matter will revolved that the sub- ject matter will revolved the sub- ject matter will revolved the sub- provided sub- provided that animal research of the sub- provided sub- provided that the sub- sub- provided sub- sub- sub- sub- sub- sub- sub- sub-
Seminar will meet once a week for 90 minutes. Permission of the instructor required.
NS 145 ISOTOPE GEOCHEMISTRY
NS 345 ISOTOPE GEOCHEMISING John Reid
A detailed look at the use of isotopic chemistry to solve a variety of geologic problems with a particular emphasis on those in ignocus periology. Topics will include Kr.; Rb-Sr. Sm-Nd, and U-Pb secchronology; stable and radiogenic included distributions and variations; fission tracks as upsetermination/uranium geochemistry indicators; rare an expectation of the control of the c
Prerequisites: physical geology, introductory chemistry, or permission of instructor.
Class will meet twice a week for 1-1/2 hours each.
ASTEC 20 COSMOLOCY
E. R. Harrison
Commological models and the relationship between models and observable parameters. Topica interest extraoney which bear upon cossological problemshess, desting methods electromagneric rediration. The problemshess, desting methods, determination of the problemshess, desting methods, determination and tested of gravitational theories. Questions concerning the foundations of cosmology and its future as a science. Frequisities: one sementer of calculus and one physical science course.
ASTEC 22 GALACTIC AND EXTRAGALACTIC ASTRONOMY
A quantitative introductory course, covering atomic and molecular spectra, emission and absorption mebulae, the interatellar medium, the formation of stars and planetary systems, the attructure and total on of galaxies and star clusters, committee rays, the nature of other galaxies, exploding galaxies, quasars the cosmic background radiation, and current theories of cold with the committee of the contract of the contract of the committee of the
ASTFC 35 STELLAR EVOLUTION AND NUCLEOSYNTHESIS Tog Dennis
The chemical elements of which we are mode were mostly formed by nuclear reactions which took place billions of years ago in stars and supernove explosions. Topics in this study will include: stars as self gravitating gaseous spheres in hydromatic equilibrium; energy generation from grave control lapse and nuclear reactions; settlements of models; white models for store starts and start should be less supernove; compariton between model calculations and observations of stars and star clusters; synthesis of chemical elements in stars; phenomenically of chemical abundances in the universe; history of the chemical elements. Problem assignments will include numerical experiments with a stellar evolution computer code as well as more traditional exercises. This course is accessable and dents of physics and chemistry who may not that continued and any one of the following. As a continued and any one of the following con. Chemistry II; NS 283 Gen. Physics 8; ASTEC 20 Commology; ASTEC 21 Stars.
Class wi/1 meet for 75 minutes twice a week.
ASTFU 44 ASTROPHYSICS II
John K⊌an
An introduction to a broad range of general astrophysical pri- ciples and techniques, such as the processes of continums and line emission. The calculation of radiation transfer and the treatment of hydrodynamics and shocks. Physical understandin of concepts, rather than mathematic lyigor, is acught wherev possible. The goal is immediate application of techniques

SSSSSSSSSSSSSSSSSS School of Social Science 100 LEVEL POVERTY AND WEALTH SS 102 CITIZENSHIP SS 112 PROBLEMS IN URBAN POLITICAL ECONOMY. ${\rm (SS\ 113)}$ Alpert Glisk MYSTERIES, SCIENCE, AND PSEUDOSCIENCE SS 136 CONTEMPORARY INTERNATIONAL CRISES AND U.S. POLICY FROM HARD TIMES TO SCOUNDREL TIME: AMERICAN SOCIETY AND FOLITICS FROM THE GREAT DEPRESSION TO THE COLD WAR SS 205 Glick RELIGION: A CROSS-CULTURAL PERSPECTIVE INTRODUCTION TO STATISTICS AND DATA ANALYSIS 55 207 INTRODUCTORY ECONOMICS SS 210 CHOOLING PROBLEMS IN CAPITALIST AMERICA: AN NTRODUCTION TO THE SOCIOLOGY OF EDUCATION HISTORICAL PATTERNS OF EUROPEAN INDUSTRIAL GROWTH, 1750-1914 SS 242 Breitbart; Landes WOMEN AND THE CITY SS 248 WORKPLACE DEMOCRACY SS 259 FAMILY IN CROSS CULTURAL PERSPECTIVE SS 262 THE SPANISH ANARCHIST MOVEMENT: LESSONS FOR CONTEMPORARY DECENTRALISH SS 268 Breitbert Ackelsberg LAWYERS AND THE LEGAL PROCESS SS 270 COMPARATIVE SOCIALIST DEVELOPMENT SS 274 THE LEGAL PROCESS: WOMEN AND CHILDREN UNDER SS 276 BLACK AND LATING POLITICS IN THE UNITED STATES SS 278 Torres P. Smith Farnham REPRODUCTIVE TECHNOLOGY: LEGAL AND ETHICAL IMPLICATIONS SS 200 Gallagher \$5 290 THE NATIONAL SOLUTION: AFRO-AMERICAN NATIONALISM AND ZIONISM--TWO CASE STUDIES White OBLEMS IN THE PHILOSOPHY OF LAW AND JUSTICE Mezor PERSPECTIVES IN AMERICAN EDUCATION Rose IMPERIALISM AND NATIONALISM IN THE MIDDLE EAST AND NORTH AFRICA SS 322 WOMEN'S WRITING, WOMEN RECENT FEMINIST THEORY SS 324/HA 324 WOMEN'S DESIRE: ISSUES IN COMPARATIVE HEALTH CARE: CHINA AND THE UNITED STATES SS 334

learned to diverse astronomical phenomena.

Prerequisite: ASTFC 43 or permission of instructor.

		Nispnoff
POLITICAL E DEREGULATIONS 336	CONOMY OF PUBLIC POLICY:	Rakofi
	WORLD STUDIES SEMINAR	Staff
	POVERTY AND WEALTH	
SS 102		
	Lauria Micopoff	

"Cod and Nature have ordained the chances and conditions of life on earth once and for all. The case cannot be reopened. We cannot get a revision of the laws of human life."—

"Contans Zumer.
"Contrary to what camp believe, poor people are not poor because they are naturally lazy and stupid or because they have too many children. Nor is it because there aren't enough jobs to go around or because poverty is a 'natural' condition of society... [There is in Americal a business clite that has historically kept certain elements of society poor for the benefit of the rich and powerful."—P. Roby.

of the rich and powerful."—P. Roby.

Who gets the money in Agerica and who doesn't? Why is there powerly in the richest country in history? Although often specified by economic choorises in oblique formulas, the state of powerly and the character of wealth go to the host of the power and the character of wealth go to the host of the control of the c

Ity In an Age of Declare.
Evaluation will be based on class participation and several problem sets and ossays assigned through the seemster. Class will meet twice a week for one and one-half hours each sension tentile to fifteen; first come, first served.

ĺ	SS 112	CITIZENSHIP
l		Robert Rakoff
	and practi- tions, dut political include po- law and au	e will explore alternative approaches to the concept co of citizensity. We will inquire into the obligates, and rights of citizens in different sorts of communities, ideal and actual. Specific topics will titical participation, military service, obedience theority, and disobedience or resistance. Our read-be drawn from the classics of political theory, from d activity.

PROBLEMS IN URBAN POLITICAL ECONOMY

Lioyd Mogan

The course is designed as an exercise in methods of inquiry by economists. Urban living in a highly developed rechnological society provides the secting in which the exercise takes passed in the section provides the secting in which the exercise takes passed fit problems of urban living are used as many through which existing knowledge is gleatly with are poverty, unemployment, educating horizontal problems of the united by the tribuse, or the charactery and unemployment, educating the problems of a special interest, indequate health corrections of the problems of special interest to students in the course will also be accommodated through group study or by independent research. Great emphasis will be placed on (a) the general in which economists formulate the problems to be solved. (b) the conceptual or theoretical equipment spolyed in the solutions, (c) the data requirements for easing it the solutions (d) the data sources which now exists, (e) the critical inhibitions of the solutions with a convention of the solutions.

0

Successful completion of the course will also require an inde-pendent research paper. The class will meet twice a week for one and one-half hours each seasion. Enrollment is limited to twenty students; first come, first served.

L	_		
SS	118	THE	HOLOCAUST

Leonard Glick, Richard Alpert

A course designed to encourage an approach to the Molocaust emphasizing historical and political understanding. The course ls divided in the four major sections: (1) European Jevish history (2) undern Cernan history, (3) the face of the Jews in Burope between 1933 and 1945, and (4) responses by victims, survivors, Judges, bystanders, and others.

Students will be expected to select a topic for research and to write two short preliminary papers representing sections of what will be completed by May as a paper suitable as B Mission I examination or a Division II file. Quit the section of the form of the moderate forms and one-half hours such session.

MYSTERIES, SCIENCE, AND PSEUDOSCIENCE

Donald For.

This Division I course will explore a number of phenomena which are currently on the fringes of scientific investigation as they sight be approached by social scientists. We will treature, both scientific and popular, which may be approached by social scientists. We will the case of both the believers and the skept by the control of the case of both the believers and the skept by the control of the case of both the believers and the skept by the control of the case of the course the instructor will present the first part of the course the instructor will present the students will then take over in the last third presenting topics they have explored on their own. Poscibility of the course of the

corrythma, the Bermuda friangle, and numerous psychotheraples. The emphasis is not no debunking myths, but rather on "modes of inquiry". That is, if one wanted to investigate any of these inquiry in that is, if one wanted to investigate any of these inquiry. That is, if one wanted to investigate any of these inquiry in the course, participants will make oral presentations for the class and be appetted to react to the presentations of others. One ultimate, goal is for any interested student to get a Social Science Division I examination to this course, and so students will be required at most of this course, and so students will be required at create of this course, and so students will be required at create in addition to normal class participation. The instruction will be available to help at any stage of this process. The class is open to believers and skeptice alike.

The class will meet twice a week for 1-1/2 hours each session. Enrollment is limited to 25; first come, first served.

THE WORLD FOOD CRISIS

Frank Holsquist, Ray Coppinger

The course combines natural and social science perspectives on the current world food situation with particular emphasis on New England, the United States, and Thrie Marticular emphasis on the England, the United States, and Thrie Marticular emphasis on the England the United States, and Thrie Marticular emphasis on the present situation justifies of agriculture scale selected of and exclusion and straintifies of agriculture will provide groundwork for the rise of marticular end to the states, involving rapid technological change, an export orientation, the rise of agribustooss and a centralized food marketing of the state of th

The class will meet twice a week for one and one-half heach session. Enrollment is open.

SS 203

CONTEMPORARY INTERNATIONAL CRISES AND U.S. POLICY

Readings and discussions on U. S. policies in relation to a selected number of contemporary crises in international policies, e.g., the Arab-issail conflict, Central America, South ern Africa, the arms race, and world hunger.

SS 205

FROM HARD TIMES TO SCOUNDREL TIME: AMERICAN SOCIETY AND POLITICS FROM THE GREAT DEPRESSION TO THE COLD WAR

in the years between 1929 and 1952 Americans experienced a great depression, a world war and a cold way. Manaske unemployment caused unprecedented nut for any and led to the creation of the American welfare was a militant, labor sovement formed in the form welfare to be destroyed by conservative forformed in the set-war years. The Soviet Union was halled as a great ally of the United States in the battle against lancing and then became this country's greatest adversary at the end of that conflicts.

During the semester we will examine various topics dealing with che political, social and intellectual history of the 1929-1925 the political, social and intellectual history of the 1929-1925 period. Subjects to be examined are new beat, radicalism and the labor nowement, the new beat, radicalism in the control of the property of the property of the cold war. Readings it, McGarthyian and thy works, fitches and primary source naterial include texts to be read are Robert and Helen hynd, McGarthyian and the read are Robert and Helen hynd, McGarthyian in the property of t

The class will meet twice a week for 1-1/2 hours each session Enrollment is open.

RELIGION: A CROSS-CULTURAL PERSPECTAVE

An introduction to the anthropological study of religion, based on a comparative approach distinguishing between LOCALIZED religions serving the servi

Students will be expected to select a topic for research and to write two short preliminary papers representing sections of what will be completed by May as a paper suitable for a Division 1 examination or a Division 11 fills. Class will neet twice a week for one and one-half hours each session.

55 207

INTRODUCTION TO STATISTICS AND DATA ANALYSIS

This course is an introduction to formal data analysis. It is intended for students who are doing experiments as part of their Division its or its and/or who intend to apply to graduate programs demanding some statistical background. The tristical background to the procedures used in the course, while at the same time demanding of each student going well beyond more called the course, while at the same time demanding of each student going well beyond more called the same time demanding of each student going well beyond more called the same time demanding of each student going statistical packages in the analysis of data.

The course is designed primarily to give students the intellectual skills and concepts plus the computing technical skills necessary to make intelled the interpretations of data, as such, it of more than the student introductory as such, it of more than the standard introductory as terrial of any terrial to a state of the standard introductory as terrial of any terrial to a state of the standard introductory as the standard introductory as the standard introductory as the standard of the standard introductory as the standard of the stan

The class will seet twice a week for 1-1/2 hours each session Enrollment is open.

INTRODUCTORY ECONOMICS

Frederick Weaver

An introduction to economic analysis, covering the principles of both major areas of conventional economic theory (i.e., atcro and macro); serves as the needed prerequisite to virtually all advanced economics courses and itself contributes to a vid variety of concentrations.

The text is R. Lipsey and P. Steiner, <u>Economics</u>, and the accom-panying workbook. There will be an extensive take-home examina tion at the end of the course.

The class will meet twice a week for 1-1/2 hours each session. Enrollment is unlimited. Five College students will be graded Enrollment is or PASS/FAIL only.

THE ROOTS OF THE ARMS RACE

Margaret Cerulio, Allan Krass, Jill Lewis

Wargaret Cerullo, Allan Krass, Jill Levis

Why do the United States and the Soviet Union build ICRMs, neutron boabs, Trident subsarriers, Bl bushers and all the other
Ichail hardware has been been subsarrier to the subsarrier push for sogre money and power frespective of what the
subsarrier push for sogre money and power frespective of what the
subsarrier to the subsa

The course is open only to students who have completed a Divi-sion I exam in Social Science and/or Natural Science. The class will neet cutce a week for one and one-half hours each session. No latter grade will be given.

SCHOOLING PROBLEMS IN CAPITALIST AMERICA: AN INTRODUCTION TO THE SOCIOLOGY OF EDUCATION

Rudy Torres

Time when so amay different sectors of the public have been so time when so amay different sectors of the public have been so dissattaffed with education. Since the advented Spatists, there have been increased demands to refer the bear increased demands to refer on the sector of the school system come from the political left, administrators, and boards of enducation. As compared to the school system conference of the public statements, administrators, and boards of enducation. As compared to the public statement of the school system conference of the spatial statement of the school state of the school statement of the spatial statement of the school statement of the spatial statement of the school statement of the spatial statement of the

duce basic sociological categories and theories, including but not limited to, social organization, cultural transmission, the Stato, class structure, schnicity, ideology, work, and power, with special attention to their educational and policy implica-tions.

Students will be evaluated on class participation and a final term paper (which may be a collaborative project). The class will meet twice a west for one and one-half hours each session. Earolisent to open.

HISTORICAL PATTERNS OF EUROPIAN INDUSTRIAL GROWTH,

Frederick Weaver

Description for this course will appear in the course guide for apring 1985.

WOMEN AND THE CITY

Myrna Breitbart, Joan Landes

nymm prettoart, Joan Lances

The modern urban landscape has exerted a magnetic pull over
women seeking to escape the oppressive confinement of the
partrarchal, domestic, pastoral-trural setting, but the city
has been a mesculine creation. This course will cassation or bond
design from the viewpoint of women. Drawing primarily of the
cities, we will consider how historically specifyed the production, and models propoduction, when the member of the
spatial patterning of urban areas, and how primary the company of
experience as prisoners, mediators and shapers of city life. In this light we will look at 19th and userly 20th century issued to be a life of the control of the life of the

We are looking for students who are concentrating in urban studies, feedings studies, architecture, rianning, and American studies. The course will integrate materials appropriate to the interdisciplinary neutre of our inquiry—for neutral to the scholarly. Written ossignments will also citize this integration as opportunities are provided for creatiser force propriate projects. The class will seet once a sweet, assignments projects. The class will seet once a sweet, assignment and the course of the co

WORKPLACE DENGCRACY

This course will serve as an introduction to worker participation and democratic self-management. It will cover the history and theory of democratic management, contemporary case sendings, and issues of strategy semination. It will compare participatory participatory self-management and private sector organisations the first contemporary of the sector of participation and worker management from a number of Duropean contries, including Spain, Italy, Yugoslavia, and England.

The roadings will include Shearer and Carnuy's <u>Sconomic Democracy:</u>
<u>Prospects for the Dightdem:</u> Zwerdling's <u>Workplace Democracy:</u>
<u>Front Shearer Southol</u> in <u>America:</u> Horvat, <u>Mortganery's Worker's Control</u> in <u>America:</u> Horvat, <u>Southales Democratization.</u> The course will feature a number of workplace <u>Democratization.</u> The course will feature a number of the structure of

The class will meet twice a week for 1-1/2 hours each session. Enrollment is open.

FAMILY IN CROSS CULTURAL PERSPECTIVE

Carol Bengelsdorf, Margaret Cerullo, Kay Johnson, Frances White

The power of familias lurks somewhere in most of our lives. This course will provide an historical and cross cultural perspective on the course will provide an historical and cross cultural perspective on the course will be compared to the course of the

Spring Term 1985 33

We intend to examine the following themes across these family systems with spacial extention to defining and understanding the mechanisms of family and power outside of (t; (2) the role power within the mental part of the

The class will meet twice a week for 1-1/2 hours each session Enrollment is open.

SS 268

THE SPANISH ANARCHIST MOVEMENT: LESSONS FOR CONTEMPORARY DECENTRALISM

Myrna Breitbart, Martha Ackelsberg (Smith College)

Nyrna Breitbart, Martha Ackeleberg (Snith College)

On July 19, 1936 when Franco attacked the Spanish Republic, two revolutions cook shape—a well-documented allitary struggle against faction and a social revolution which, despite its magnitude of the struggle against factions and a social revolution which, despite its magnitude of the struggle against access, historians have chosen to forget. From Junition work and factorians have chosen to forget. From Junition work and factorians and workers select control over land, factorians social services and whole cransportation networks in Spain, initiating the soat extensive portation networks in Spain, initiating the soat extensive actemptor to apply anaton-o-wyndicalite principles the content context. This course will explore the specifics of these events with an eye to revealing their implications for the events with an eye to revealing their implications for the content of th

Classes will be organized in a mixture of lecture and seminar format.

55 270

LAWYERS AND THE LEGAL PROCESS

Mary Ellen Burns

Description for this course will appear in the course guide for spring 1985.

SS: 274

COMPARATIVE SOCIALIST DEVELOPMENT

Carol Bengelsdorf, Frank Holmquist, Kay Johnson

The wide variety of socialist development experiences will be applored, as well as what is common to all. The focus will be upon the historical framework, class of the true and optimized as common to all the focus will be upon the historical framework, class of the various development and economic organization, conditional new various development of the control of

The topics to be discussed within a comparative framework include among others: the background of each revolutionary situation and the taking of power; the nature of class structures and political institutions before the revolutions; attempts to create new political institutions appropriate to the evolving societies; the nature and degree of workplace, local, and national mass participation; the relation between agriculture and industry in development; the choice between peasant small-boding, state farm, and fully collective organization in agriculture; industrial strategy; planning and marketing structures; the problem of bureaucrasy; theories of the transition from capitalism to socialism.

The class will meet twice a week for 1-1/2 hours each session Enrollment is open.

SS 276

THE LEGAL PROCESS: WOMEN AND CHILDREN UNDER THE

Mary Ellen Burns, Lester Mazor

This course is intended to meet the needs of those who desire a general introduction to legal institutions and processes, as well as to exect the need for a greater understanding of the legal rights of women and children. It will work the legal rights of women and children it will only the legal to the desired and children as a whice to increase in its own sight and as a whicle for the exploration of the tole of lew in society.

exploration of the role of law in society.

We will consider the role of courts, legislatures, administrative agencies, and the practising bar: the relationship of the formal legal system to less formal the role of social control; the internal power is to less formal law, including the development of termsection; and the capacities and linits of the law as a while for change. The greater part of the course will trace the history of law in the United States as it has concerned issues of human reproduction. To administration of the course will be introduced to basic technical control of the course o

The class will seet twice a week for one and one-half hours each session. Enrollment is open.

BLACK AND LATING POLITICS IN THE UNITED STATES

Nowy LUTFED, Freston Smith

This course as a comparative analysis of Elack, Chicano and
Puerto Ricon politics vis-d-vis the role played by dominant
political institutions at the federal, state, atlast to underin the shaping of those politics. The course of political
institutions and those core.

Fracticular attention village and the comparate of political movements, and
or community presents of race and class in the study of recial
and ethnic inspirities in the blutted States. In addition to
lectures and class discussions, several documentery files and
redocs will he shown on various topics covered in the required
reading and lectures.

Students will be evaluated on class participation and a final term paper. The class will meet once a week and is limited to fifteen students; instructor permission required.

ARKORMAL PSYCHOLOGY

Louise Farnham

This course will deal with the diagnosis, treatment, and prevention of various categories of disordered behavior. Attention will be paid to personality theories and "achouls" of psychoherapy as that is appropriate and relevant to the major focus. Techniques of assessment will be discussed and the voice) of the clinical psychologist will be explored. In addition to exextbook, students will read extensively in prinary sources. Three brief writing assignments will be supplemented by a term paper on a topic of each student's choosing.

The class will meet twice a week for 1-1/2 hours each session. Enrollment is open.

55 290

REPRODUCTIVE TECHNOLOGY: LEGAL AND ETHICAL IMPLICATIONS

Popular media reports on technological developments in the area of human reproduction speak of new hopes, new threats and new questions. The seminar vill examine issuements to the new technologies, their impact on purpose the production of the individual's right to make the production of the individual's right to cause a contract of the consect articles of the con

The seminar will meet for two hours once a week. Enrollment is unlimited, but permission of the instructor is required.

SS 314

THE NATIONAL SOLUTION: AFRO-AMERICAN NATIONALISH AND ZIONISM--TWO CASE STUDIES

Aaron Berman, Frances White

in this course we will study why, at certain historical moments, some oppressed peoples have turned to nationalism as a solution to their problems. Specifically, we may be a solution to their problems. Specifically, we may be a solution to their problems. Specifically, we for the state of their specific cathic and racial groups. The state of their specific cathic and racial groups attempted to respond to opposition from within and outside of their specific ethnic and racial groups.

55 318

PROBLEMS IN THE PHILSOPHY OF LAW AND JUSTICE

Lester Mazor

What is the culture of law! What is the meaning of justice?
These two questions have figoded in the works of major philosophers from Plato to the present day and in the writings of elegal scholars. This course will explore their ideas and to determine their significance for a number of topics of curtod determine their significance for a number of topics of cur-

rent concern.

A principal object of the course will be to examine the difference one's philosophic position makes to the resolution of practical problems. This emphasis will be reflected in the samer in which the course will be taught. After a brief introductory exploration of the history of legal philosophy members of the class will be asked to select the members of the class will be asked to select the programment of the remainder of the term of the property of the past of the p

The class will meet twice a week for 1-1/2 hours each session Enrollment is unlimited

SS 320

PERSPECTIVES ON AMERICAN EDUCATION

The direction of this course will be towards gaining an under-standing of the historical and philosophical roots of American education. To this and will read portions of the original works of major figures with European and American, whose ideas have influenced works of the constance of the con-tangent of the constance of the contact as well as with the dispate of the ideas on American schooling from Colonial times to the present day, and finally we will look at current reports and recommendations, such as the Faicals Propers, designed to deal with the zhortcomings of the present system.

The formst will be senimar style, and students are expected to participate fully in the ondeavor. Sometimes there will be proposed to the property of the state o

The class will meet for two hours once a week with an additi al hour to be announced. Earollment is open. Five College students may receive grades.

SS 322

IMPERIALISM AND NATIONALISM IN THE MIDDLE EAST AND

A historical and political survey of the interplay of imperial-ies and nationalism in the region from Pakietan to Morocco dur-ing the nineteenth and twentieth centuries.

SS 324 HA 324

WOMEN'S WRITING, WOMEN'S DESTRE: ISSUES IN RECENT

Joan Landes, Jill Lovis

Joan Landes, Jill Levis

Surveying the impressive outpourings of feeminst writers in the
last decade, one notices a powerful struggle to create a new
mode of expression and a new subject matter which speaks to see
mode of expression and a new subject matter which speaks to see
from vomen's experience. A new writing of vomen's desire witch
in literature, criticism and theory has posed questions and
suchering, sexuality, Comen's psychic sends to provide a second content of the sexual identification and the content of the sexual identification and traount. President subject is a sexual insist construction and traount. The search for a new language and form is, therefore,
at the core of the feeminst challenge to all established discourses of the hutan actences and the social-historical sciences
in this course, we will suphasize the oniversation between
feemine and psychosomalysis (particularly its "Provinces" of the province of vomen writers and sexually juxtuapose the contributions of vomen writers and sexually juxtuatype of the provinces

Research

Me will look at overlapping issues of sexual difference and desire, sexuality and power, language and bodily expression, biology and society, puritarity and history. Me will specified the vettings of French feminist authors (M. Cixous, Languages, M. Montrelay, J. Kristava) and their challent control of the control of th

Background in feminist theory and critical theory is recommended. Seminar format. Class will meet for two and one-half hours once a week. Class size is limited to twenty students:

SS 334

COMPARATIVE HEALTH CARE: CHINA AND THE UNITED

Robert von der Lippe

Ropert won der Lippe

for by learning more shout another system or way of doing something we learn more shout our own way. Sississly, by looking at ourselves while being sindful of how other should be have we gath insights into their behavior. The street of the have we gath insights into their behavior errors and innorrect streeteypes. On the other hand we hope happens is greater insight, designificant by looking at the delivery of health care in different cultures this semseter. This senions will concentrate on the delivery of health care in different cultures this semseter. This senions will concentrate on the delivery of health care in different cultures past and at present. We hope to increase understanding while at the same time unconfinite and increase understanding while at the same time unconfinite inherent in such an understanding. We will public health presenties, seed in the delivery of health care, public/private health care, public/private health care.

e class will meet twice a week for one and one-half hours ch session. Enrollment is unlimited but permission of the instructor is required.

The major objective of the seminar is to develop some enected for integrating our specialized britishment seek of the certain and the control of the control

Hogan	rroag
-------	-------

SOCIAL CONSTRAINTS ON KNOWLEDGE PRODUCTION

The course will be idealed to Division III scudents who have beginning a very serial before by the course of messers in the resear of the serial serial serial serial serial before on the serial bear of the serial
Participants in this senting will be responsible for presenting measurances of their Division fill work in a progress. A perticipant emphasis in our senting south of their present in the progress. A perticipate caphasis in our senting southing about their progress. A perticipate southing about their progression should be progression of southing about their progression should be progression of sential progression of southing about their progression of sential progression of southing and progression of sentences. The progression of sential progression of sential progression of sential progression of sentences of sentences and sentences. The progression of sentences of senten

PROPLE STUDYING PEOPLE

06E. N

PRODUCTION
SOCIAL CONSTRAINTS ON KNOWLEDGE

PEOPLE STUDYING PEOPLE

Seminars Division III Integrative MINIMINIMINIMIN

Writing is a critical akili for work in every School at Hampshite. For additional writing courses, please refer to the Writing/Reading Program.

This is a scellar for lace Division II students who are concen-terating on fitted World and related studies. Designed as a "great books" seemer, he course will examine intensively the main texts in Third World studies.

9EE SS

THE THIRD WORLD STUDIES SEMINAR

The class will meet one evening a week. Enrollment is unlimited but instructor permission is required.

Some background in American politics, history, or politics, ecopomy at experience. This course is designed to devenced city desired to the course whose ongoing vork is cludges public policy monlysis. The course vill operate as a campara, and will include student presentestions of their own research.

This sections will towestigate the history, politics, and theory between the teachy of the section of the section of the section independent of the section

Laurie Misonoff, Hobert Rakoff

POLITICAL ECONOMY OF PUBLIC POLICY: DERECULATION

loseph Brodsky

POETRY COURSE (title to be

Study, based on close analysis of texts, of the works of from fibons and the control of free from the control of the control of the condition of the condition of approximately one thousand fines from the above surfors works. Mot gone to freely the control of approximately one fibonsmd fines from the above surfors works. Mot gone in fines from the control of the co

Joseph Brodsky

Mount Holyoke: English 245s. LYRIC POETRY

UMMESS: Political Science 358 00020567 Smith: Covernment 226b

Yasutono COURSES TO BE ANNOUNCED 23184405 NUMBER: CECTORY 591V VOLCANOLOGY

NAMAS: GEOLOGY 512 X-RAY FLUORESCENCE ANALYSIS

COMPARATIVE ORCANIZATIONS: JAPAN Ушрекак: Упіркороїову 38

Smith: Government 247b CASE STUDIES IN AMERICAN FOREIGN POLICY Melations 300

Holyoke: International THE VIETNAM WAR

Hount Rolyoke: History 387, Seminar SLAVERY IN THE CITY: NINETEENTH-CENTURY

Amherat: History 76 Lecture and Discussion

COLONIAL BRAZIL: THE CONTACT OF Mount Holyoke: History 389

SURVINE BY CANADA: THE PROBLEM OF

Hampahire: M&A 332 POETRY COURSE (title to be announced) Brodsky Wonut Holloke: English 245s

Faculty Offerings By Five College Five College Course

to taxts will be assigned. Otal discussions by other sembers if the sember should be voted on opportunity to otapped your viblography to include emirtible from other disciplines. Assistant will be beaded and roll presentation and mailty of waterledpection in accessions when other students are making presentitional to access on the presentation of the resulting presentations. The seminar meets once a week for four hours, arithment of the presentations are presented as a seminar of the presentation of the presentations are presented as a seminar of the presentation of the presentat

The scalner is artuctured around individual onal presentations related to for becudent's a blysicon little dependence, which we consider the contract of the c

Using the human population as a hauls for integration we may use the proceed in terms of the (undamented meaning of the transcript proceed in terms of the (undamented meaning of the contributions of the contribution of the contribution of the contributions of the contribution of

This course examines lapan's accommand development with strending in costcourse. The instance is a second to the cost of the c

Amherat: Anthropology 38 DAPANESE POLITICAL ECONOMY

A detailed asselination of some decisions that have been consist to charitant look state for the contraint of the contraint o

FOREIGN POLICY
CASE STUDIES IN AMERICAN

The Missory of American involvement in Vietnam, including a review of the origins of the volvement and the intervenction; with conseill tappulsam for despending knowly recent and then withdrawn!: The regulations of the a perceival sectlement; with efficient of from any one flowests policies. Furthuran section to insense about how American society with the properties of the properties of the properties of the properties of the properties. Further than the properties of
M. Anthony K. Lake

AAN MANTSIV SHT famotionating: olyobker on the Universe Section 300 another

Accessing scaling: This invasity is no world and pervestive configurations of all properties activate and activate activate activate activates activate activates activate activates activate activates activated activates activates activated activates ac

387, Seminar 387, Seminar

wher became first!, Fortugal's colony in the skew World, comerged from the protect between for the skew World, which indises, and Africana and the state of the skew war. It is a security indises, and Africana and the state of the skew was secured to their contectuents of the state of the skew was to the skew with the skew was to the skew with the skew was to the skew with the skew was to independence. It on over the skew was to skew was to show the skew was to skew which we want to the skew was to skew which we want to the skew was to skew with the skew was to skew with the skew was to skew with the skew was
COPUNIT BEYSIF: THE Amherer: Mistory 76, Lecture and Discussion

The fluture of Canada as an independent country will be heavily influenced by influenced by influence and sectional locates. There is a serior accountry will be beautiful cong separatist newvements in the profit quebac mad in several of it the movement of the profit of the beautiful country of the beautiful country and independence are to be maintained.

34 Hampshire College Course Guide

_			
Mass:	Anthropology 597	COMPARATIVE ORGANIZATIONS: JAPAN	
		James McLendon	
An examination of organizations in formal terms and in the context of their oscial and cultural miles alsed at undergranting alphanese business, governmental, and other organizations as well as those in other "developed" regions of the world (Europe and America). Permission of instructor required for undergraduates.			
	01 512	X-RAY FLUORESCENCE ANALYSIS	
UMase:	: Geology 512	J. Michael Rhodes	
Theoretical and practical application of X-ray fluorescence analysis in determining major and trace element abundances in geological materials. Prerequisite: Analytical Geochemistry recommended.			
ليا	01-my 591V	VOLCANOLOGY*	
ŲMass	: Geology 591V	J. Michael Rhodes	
A systematic coverage of volcante phenomena, types of eruptions, generation and emplacement of magna, products of volcanies, volcanies and man, and the monitoring and prediction of volcand contents. Case sendies of individual prediction of volcand contents of the volcan			
Г	٦	•	
L_	Peggy Schwartz		
Cou	rses to be announced.		
	th: Coverament 226b	GOVERNMENT AND POLITICS OF JAPAN	
		Dennis T. Yasutomo	
The development and functioning of the Japanese political system. Particular attention will be given to the interaction between demestic and foreign policy.			
UM	ass: Political Science 3	58 INTERNATIONAL RELATIONS OF ASIA	

Statement on Affirmative Action

Full description not available at this time.

Hampshire College reaffirms publicly its moral and logal commutation to a policy of equal opportunity in education and employment.

Dennis T. (Yasutomo

Hampshire College does not discriminate on the basis of sex, race, color, religion, national or ethete origin, sexual preference man, in the addression of a undents, and the addression of a undents, and the addression of sudents, and athletic and other college-administered programs, and athletic and other college-administered program.

Hampshire College is an Affirmative Action/Equal Opportunity Employer. All employment policies and decisions are made without regard to sex, reac, color, religion, national or chnic origin, sexual preference, age, or handicap.

In all areas of education and employment, the College mecks to comply with all applicable federal and state laws and guidelines including Title VI and VII of the Civil Rights Act of 1964; Executive Order 1126 of 1955, as asamided by Executive Order 11375 of 1957; Title IX of the Education Amendments Act of 1972; and Section 594 of the Rehabilitation Act of 1973, as amended.

Campus Map

