

# course guide

# spring term · 1975

# hampshire college

AMHERST, MASSACHUSETTS 01002

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REGISTRATION DATES	AND CALEND
1974	
Thanksgiving holiday	Wednesday, November 27 Sunday, December 1
Advising and pre-registration for Spring Term	Monday, December 2 - Friday, December 13
Evaluation period for classes and projects	Monday, December 16 - Friday, December 20
Last day of academic activity	Friday, December 20
Winter recess	Saturday, December 21 - Wednesday, January 1
<u>1975</u>	
January Term	Thursday, January 2 - Wednesday, January 29
Inter-term recess	Thursday, January 30 - Sunday, February 2
New stydents arrive	Monday, February 3
Registration for new students	Tuesday, Pearwary 4
Classes begin	Wednesday, February 5
Drop-add period	Wednesday, February 5- Friday, February 14
Washington's birthday (no classes)	Monday, February 17
Examination day (no classes)	Thursday, February 20
Spring recess	Saturday, March 22 - Sunday, March 30
Examination day (no classes)	Tuesday, April 8
Pre-registration for Fall Term	Monday, April 21 - Thursday, May 1
Examination day (no classes)	Priday, April 25

#### NOTE TO PIVE COLLEGE STUDENTS:

Evaluation period for classes and projects

Last day of classes

Mamphire College courses require different modes of enroll-ment, depending on instructor and course. All students should refer to the schedule of class meeting times to find the method of enrollment for an individual course. Courses with open enrollment on trequire permission of instructor.

Wednesday, May 14 -Tuesday, May 20 Tuesday, May 30

Wednesday, May 21 . Thursday, May 29

Thursday, May 29

Grades will be offered to interchange students except where noted otherwise in the course description. Interchange students should discuss this with the instructor during the first week of classes.



# HAMPSHIRE COLLEGE ACADEMIC PROGRAM

Students at Hampshire College progress through three sequential Divisions, Basic Studies, the Concentrations and Advanced Studies, moving scandibly the Concentration of the Studies, moving scandibly the Concentration of the Studies of the Concentration of the C

Each Division marks a stage in the student's progress toward understanding and mastery of the subjects the student chooses for study, and each of them has its own distinctive purposes and procedures.

Bivision 1: The Division of Basic Studies introduces students to the also and methods of Itheral education at Emphhire College, giving them Italiced but diver end intense experience with disciplines in all towards. This is done not in the ouscomer introducing the control of t

<u>Division 11</u>: In the Concentration the student develops a con-centration in one or more fields while continuing to explore other areas. Students determine with their faculty adviser what they want to achieve in their concentration, and design a program of study which will allow then to explore in depth one or more disciplines within one or more of the four Schools, and to broaden their knowledge of the linkages among disci-plines. The Division 11 examination includes evaluation of the work done in the Concentration and the student's readiness to proceed to advanced independent work.

process to advanced independent work.

<u>Division 11:</u> The Division of Advanced Studies occupies students with advanced studies in their chosen concentration and control of the process of

ADVISING:

New students at Hampshire are assigned to one of the four School Advising Centers for initial advice on choice of courses and other academic matters. After several weeks, all students choose an adviser from among the faculty or from among other qualified staff. Changing of Advisers is a relatively simple process done through the Assistant beam for Advising (Kanneth boffman) beam Hoffman also assists students who are having problems with progress through obscinations, working with both chudents and Advisers. Buth Vashington, Academic Common Progress through obscinations, working with both chudents and Advisers. Buth Vashington, Academic Common Profess of the Vashington and Advisers. Buth Vashington, Academic Common Profession and Advisers of Profession and Advisers of Common Profession and Advisers of C

# SCHOOL OF HUMANITIES AND ARTS **CURRICULUM STATEMENT**

In these course listings you will find a quite astonishing range of offerings for the Spring Term. Remember this at the outset as you begin to plan your studies for Division I accurate in Barwing the same that the course in Barwing the same that subject matter, but as introductions to the or that subject matter, but as introductions to consider of inquiry.

The difference is so critical that you will underestimate it only at the peril of promoting your own confusion. There is accepting like a Copernican revolution going on here-each of the great, traditional disciplines of active (English, History, Philosophy, Music...etc.) rather than being treated as a closed system of knowledge in itself, is treated as a perspective on the whole pheremenon of Man.

There are observably different ways in which the artist and the humanist (as contrasted, say, with the scientist) approach their subjects of study, conceive of their problems, attack them, resolve them, report them, or copress them, and that is the main matter of concern in any Division I course.

the main matter of concern in may average a content of you take a course with a literary scholar, for example, or with a philosopher, you will learn how a specific kind of humanities, illustrates the one great body of materials in the humanities, illustrates the general modes of inquiry employed by humanities in a wartety of circumstances. It might come down to library methods, the mechanics of analysis, the scholar content of the conten

When you come to take your Division I comprehensive examination in Hamanities and Arts, you will work on some problems
that represent the mext cords of complexity beyond what
have already studied. No recess of the course, with
have already studied. No recess of the course, when
have already studied. No recess of the course, when
have already studied. No recess of the purpose
ages or emorited list of terms-nome of interms-time purpose
of that examination will be to determine diagnostically if
you are ready to go on to wone of the purpose
it will be much more like an entrance exam to Division II than
any exam you've had previously.

We have kept the course descriptions as simple and honest as possible. Where it says "seminar" it means regular discussion group meetings in a class on larger than tenuty sudents. Where it says "workshop" the size of the group should be same, but the style of work will involve more moving many from the discussion table to some hands-on experience in the studio or out with field problems.

Those of you entering Division II courses will find that they see more typically focused on some special problem within an academic discipline-for example, the dislogues of Plato or the poetry of Eliot, or that they deal with a general problem in the arts or humanities at a much higher one crimbally in the first bivision.

The poetry of the problem of the problem

Perhaps we in this School are most eager to try this academic experience of rotting the Remainties and the Arts to work together because we share the same of Erich From about the good that "Ricos from the blanding for stolenst thought and feeling. If the two functions are torn apart, thinking definition of the state of the state

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DIVISION I	ND ARTS
	arndt-Webb
THE LITERATURE OF THE CARIBBEAN 84 107	larquez
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CHEKHOV, OUR CONTEMPORARY HA 161 (HA \$1)	C. Hubbs
AN AURAL APPROACH TO MUSICAL FORM HA 176 (HA 276)	R. McClellan
HOW BACH DID IT: TECHNICAL ASPECTS OF MUSIC	R. McClellan
POETRY TODAY: THE TECHNICAL AND PHILOSOPHICAL REVALUATIONS OF THE 1960'S and 1970'S HA 187 (MA 287)	Benedikt ·
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EFFORT/SHAPE: LANGUAGE OF MOVEMENT AND OBSERVATION HA 213	F. McClellan
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SHAKESPEARE AND WOOLF HA 289

THE PICTION OF CONTEMPORARY SPANISH AMERICA BA 295

U. S. HISTORY: THE PIRST HALF OF THE NIMETERATH CRATURY HA 297

MARXIS: AESTHETICS HA 294 (SS 222)

Bongelsdorf, Pickethly

Kalsey



AMERICAN MUSIC HA 101

#### Miriam W. Barndt-Webb

From the colonial period through joylin and Ives. A study of the development of swater in America, including Buropean influences, religious sects, some non-religious sects of seasions twice a week. Performance will be involved, but performing ski is not a pre-requisite. Some field trips if budgets allow.

Enrollment is open.

THE LITERATURE OF THE CARIBBEAN HA 107

#### Robert Marques

Moser Marques

Mis course will consist of selected readings in the literature
of the Cartibbaan archipalago. Our primary interest will be to
search out and analyze the more common preoccupations manifest
in the writing of the islands and, more particularly, with the
specific treatment they are given by individual to the importance
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of miscory, the content of the importance
of miscory, the content of the importance
of place and identity, will, in turn, be related to the
question of exple and technique. While much of our umbout of
will be on the Spanish-Spasking Antilles, we will be made to
present the content of the miscory of the content o

The course will meat once a week for two hours; in addition each student will meet with me in occasional conferences to discuss the course work, readings, papers, projects... There is no foreign language requirement. This is an open course.

#### HA 110

#### PILM WORKSHOP I Instructor to be Announced

This course is concerned with the file as personal vision; the film as collaborative effort; the meaning of thinking visually thousthetically; and file as personal expression, communication, witness, fentasy, truth, dream, responsibility, self-discovery.

The workshop will be concerned with production and seminar dis-cussion, field problems, and research. Topics will include thistory and development, theories of file conserver the discording, editing, sound, narrative 1 december of the files, use and preparation, super-3 and 16-cm production.

The past IS years have seen the motion picture rise to the position of an Intiractional Language, I has transcended the bounds of entertainment to provide everlasting documentation of the vorid, its people and events. I thas given added scope and incisiveness to every area of human activity. Our image and understanding of the vorid more often are gained through file and photographs than personal experience. The aesthetics and techniques of a medium so broad in implication should be understood by all.

A \$15.00 laboratory fee is charged for this course. The College supplies equipment, special materials, and general laboratory supplies. The student provides his own film.

The class will meet once a week for a four-hour session. Enroll-ment is limited to 12.



#### INTRODUCTION TO PSYCHOTHERAPY John E Rocttiger

The second half of a two-term course of lectures, readings, dis-cussions and films on the theories, practices, atms and achieve-ments of modern psychotcherapy. Experience of the Fall Term of a course will be valuable background but is not a prorequisits for earollment in the Spring Term.

In the Spring Term we shall explore:

- \* family therapy
- \* the revisionist psychiatry of R. D. Laing
- \* Carl Rogers' client-centered therapy
- \* the bioenergetic heirs of Wilhelm Reich
- · gostalt therapy
- \* Alan Watts on "psychotherapy East and West"
- \* movement therapy
- \* psychodrama
- \* LSD psychotherapy

The class will meet three times weekly for 90-minute messions: two weekly meetings of the whole class and one weekly mesli group discussion. Enrollment is limited to 120 students.

121/SS 122 GODS, BEASTS, AND MEN: THE BEGINNINGS AND THE END OF POLITICAL THEORY

Robert E, Manghar

1. order to situate ourselves politically in a thoughtful time of the well to realize that, as historical cappings go, the human regence and the desize of political mony lie benefit of the state of the state

This course will meet twice weekly for two hours and is unlimited.

#### PA INTING Joan Murray

This course will deal with involving untried or tentative painters in the experience of painting. The emphasis will be on pointing as process rather than product. An investigation of color, spec, and form will take place through learning is see and deed, and is happening in each student's work as his/her viewal painting ideas develop.

Group interaction and observation concarning the work done will be an important part of the learning experience. It will be expected that the actual painting will be done outside of class and class time will be espent looking at and telling about work. Problems may be suggested to individual atudence at times throughout the scenestor when they seem relevant. The choice of media will be up to each student.

The class will meet twice a week for 24-hour sessions. There will be an enrollment limit of 15 students. Instructor selection.



HA 126

ANXIETY AND OTHER CONSTRAINTS AGAINST SANITY IN GROUP LIFE

#### Richard Spahn

RECORD SPAND

Records of inquiry will be experiential and conceptual. Experientially, students will participate in an on-going group which will manifest in behavior the phenomena under investigation. Students will become sware of and atody their own individual experience while observing the behavior of the whole group (as a synergic system-entity). Conceptually, the exploration will be supported primarily by readings and discussion of the English Psychonaltytic approach to the theory of groups connected in the work of Melanie Klein, Wilfred Sion and A. K. Rice.

Experientially, the topics to be investigated include:

- the sources of anxiety in groups
   the most widely employed mechanisms for avoiding the acknowledgement of anxiety in groups
   the transfer of anxiety in groups

Conceptually, the topics to be investigated include:

- the sources of individual anxiety and its relation
- to anxiety in groups

  the implications of the theory of anxiety transfer for an understanding of families, task groups and
- for an underscansing of least tests of the possi-organizations the application of basic group theory to the possi-bility of interventions in support of earlity in all kinds of groups.

The last issue approaches the reals of the possibilities for practitioner shill-acquisition. While this is not intended as a primary goal, the mode of inquiry will provide students with an opportive to pursue an enhanced awareness shill generalized to any discipline involving learning from experience, i.e., the ability to act and observe oneself in action at the same time.

The group will meet once a week for  $2\frac{1}{2}$  hours. Enrollment is open.

### THE MYTH OF ME: AN EXPERIENTIAL EXPLORATION

# Graham and Linda Gordon

The place of myths has always been central to man's efforts at said understanding. From the tribal campifus where the tales were shared which spoke of origins and meanings for the triba, to the favorite scories we resember from our own childhood, our understanding of who we are is enhanced as we explore and share the personal myths that have meaning for us.

We will attempt in this course, through the use of varied methodologies, to bring allve the "bythe" that have been significant in our journey to becoming who ye are today. We will awaken our bodies and senses, and we will attempt to recall and reintagrate the significant pieces of our past experience. We believe this to be a unifying process that leads to better understanding of our present self, and therefore, more options as to who we shall become. Participation in this course will include the treation and sharing through some medium of each person's own updated "myths of me."

We will focus on looking at our personal experience, deriving learnings from it through our shared reflection as a class. We will utilize a variety of resources, including: art, poetry films, folklore, bloomergatics, gestalt, and common readings.

This class will meet each Monday, from 7:30 - 10:30 p.m., and is limited to sixteen participants. Admission will be deter mined by interview

#### HA 145 THE MAKING AND UNDERSTANDING OF HUMAN ENVIRONMENT: APPROACHES TO DESIGN

#### Norton Juster and Parl Pone

This course deals with the perception, avarances, ensigns, and design of human environment—the ways in which human activities and needs find-expression in forms and perterns that reflect and shape their liven. We will be concerned with a developed sensitivity to environminings, on understanding of place, and the sense of the individual as an effective force in creating or altering his comment/omemnt.

This is primarily a grighthop course. Using direct investigation, research, and design projects of a non-technical nature to confront and expose environmental problems and to understand the approaches and creative piscessen through which environment is made. The subject of this envisiting-time will include:

- 1. How man sees and perceives his environment.
- The identification of human needs, the functional and emo-tional concerns of environmental design-problem seeking and problem definition.
- The vocabulary of environmental design--visual thinking and visual communication.
- Environmental problems today--our legacy from the past and directions for the future.
- 5. The scale of human environment -- teacup to magalopolis.
- Creative synthesia -- the leap to form. The translation of ideas, analysis, program and technical parameters into environ

Much of the work will require visual presentation and analysis; however, no prior technical knowledge or drawing skills will be necessary. (Ability to use a camera would be helpful.) The student must provide his own drawing tools. Projects and papers will be due throughout the torm. This course demands both time and commitment.

The class will be divided into two sections that will meet simul-taneously. There will be two three-hour emetings per week plus odd day eassions for field trips, special services, and problems (to be mutually determined). Enrollment is limited to 24 (12 per

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### STILL PHOTOGRAPHY WORKSHOP

The photograph as Art and communication--its production and impli-cations.

Photography has become one of the primary means of visual expe-today. The directness and impact of the photography makes an userading of its techniques indispensable to the artist, teacher and student. So warfed is the use of photography in all areas human endewor that the need of a "visual litteracy" becomes of human engeavor .... basic importance.

The course is designed to develop a personal photographic percition in the student through workshop experiments, discussions history and contemporary trends in photography, and field problems to encourage awareness of the visual environment.

A \$15.00 laboratory fee is charged for this course. The College util supply chemicals, laboratory supplies, and special materials and equipment. The student will provide his own film and paper.

The class will deet once a week for four hours plus lab time to so arranged. Entellment limited by instructor approval.

### EA 152

#### THAT IS PULLOSOMY?

#### Aymord Ceryon Bradt

is the first is indicate, which is precised to make, what is the lost by referred that is performed with of "it has been to dock, but is the performed within a merion duality in search of unions on within a merion duality in search of unions. And if it is it wantum to earth for unions, a present of the window. When it is not consider with yourself is presented the window. What, thou, if it is love, and what is the windows.

The Missery of exilanceshy right we reparded as a quest undertaken to discover and to reveal in the full mass and in the full mass (if you have not true, the rather of visions. The questions under specify the direction and the order of that quest sebs to be precomind none, questions assour the fuddrownal nature of beings of its incelligability and of its life, and questions about the international four of beings of its incelligation and its toleround; to be being it this is the me the contract of the contraction of the properties of the contraction of the co

This course will undertake a quest for that knowledge. Its movement will be an ordered pattern of development when the corried opinions will not used to the confuctus the light of the confusion of the confusion

HA 164 b

# PRE-REVOLUTIONARY RUSSIA:

#### Johnna Hubba

The second part of a two-sementer course in Russian cultural his tory offered as an alternative to traditionally oriented historia studies in that it will focus on certain mythological patterns a motifs to evoke Russian culture.

The second semester will cover the period from Peter the Guest to the Revolution. We will continue to trace the "mythologoms" of Old Russia-r-the Great Nother and her dying son-god, the Teat as Christ and warrior, the theme of Holy Russia, etc. --through the etudy of the art, music, and literature of 18th and 19th

Students not enrolled in the first semester course must have permission of the instructor to enroll in this second part.

class will meet twice a week, with occasional evening sions for viewing of films. Enrollment is limited to 16



HA 103 (BA 209)

CHAPHIC DESIGN STUDIO

#### David Kibber

The mission of the graphic designer is to develop visual organizations that will expand upon a written massage or to present an aspect of that massage are supported to the control of the complexity conveyed with the process of developing visual information through the application of design principles, typography and illustration.

Students will be encouraged to design and print posters for clients through Hampshire Graphic Design and to become involved with the organizational structure of this on-campus design service. Through an apprenticeship program students will have two popertunity to deal with the wirtistic problems that are presented by a client and to engage these with the financial and production problems of a small business.

The class will must twice a week for 2-hour critique and work sessions. Students will be expected to spend large acounts of time working out of class with the instructor and with each other.

Enrollment is limited to 20 students.

### HA 115 (HA 215) STUDIO EXPERIENCE IN DANCE

### Prancis McClellan\*

This course in dance technique will be divided into three sections:

Section 1: Beginning - one hour, twice weekly
Section 3: Advanced - one hour, curice weekly
- a one hour and a 1½ hour
class por week

This course, which may be taken as a forth course, will focus primarily on the physical discussion of mastering movement. It is upen to students of all divisions and at all levels of pro-ficiency.

Enrollment is open

Advanced Division III students will assist in teaching this course.

#### WA 146 (HA 246) liam O'Brien

This is a workelop based on the techniques developed by Ron-stantia Scanic levent at the Moscow Art Theatre and modifica-tions of the process understeen by Bugane Vakhtengiv, beris (borne, and Wichael Chalcow).

The properties of the course will be the deve pract of our person of each total to the crap from a waters of class, contain properties to the containing properties and the containing properties of execution of the scenes.

The form of the stockshop will be that of a round on the ball that which are with our round. The content will cause be shown but a with a proceed root only in a Chand true to the chain collars as additions. These which rounds will occur this sense.

The class will exer twice weekly for the our sessions. Enrol's ment to limited to 20 students, and permission of the impercator necessary.

Note to Miva College students: All theatre contess at Hempshire carry only pose fail grades for ron-Hampshire students.

#### HISTORY OF PHOTOGRAPHY HA 156 (NA 256)

### Jerry Liebling

A critical survey of the most active novements in the contemporary photographic experience.

The course is designed to work from the present novements and vocabilary of the students back through the history of photography as art, reportage, popular culture, etc., to some of the roots of the movements.

The student should develop a more critical vocabulary as well as historical perspective and understanding of one of the 20th cen-tury a most widely circulated phenomena - the photograph.

Enrollment is limited to thirty students. The class will meet once a week for two hours.

CHEKNOV. OUR CONTEMPORARY HA 161 (HA 261)

#### Clay Hubbs

"Life," said Chakboy, "Lea ni unablab problem." Shortly before the dosan, in 1900, his wife saids his whit he thought the mean of life toes. "One ask me what life its T if a like asking what a carrot is. A carrot is a carrot, and anothing more is known." His plays do not cell stories or describe personal histories—there is little action. "Life on the stage should be as it really is and the people, too, should be as they are and not stilted. A play ought to be written in which the large strong in the country of the country of

Although Chekhov offers no direct answers to such questions as "What is the meaning of life?" more and more audiences and readers believe he has secondhing important to say. In this seminar we will study Chekhov's as apor dramath reading the work of the seminar we will study Chekhov's as apor dramath readilition from which he was writing in an attempt to see what that smoothing is and how Chekhov goes about saying 1:. At the same time and alongside of the works of Chekhov, we will study the major works of some important playwrights of our own lies; beckett, Genet, and Pinter: A comparative approach should not only help and the second of t

Supplementary reading will include modern directors and theoreticians and other playwrights, both our contemporaries and Chekhov's.

The seminar will meet twice a week for two-hour sessions and is limited to 16 Division 1 students. Division 11 students who wish to enroll (with instructor's permission) should expect more and a wider range of resding and an extra weekly session.

#### HA 176 (HA 276) AN AURAL APPROACH TO MUSICAL FORM

#### Randall McClellan

This course has two poals: first, to familiarize ourselves with the principal forms of Western music and the techniques smoleyed for the manipais of these forms; and, second, to develop the shifty to perceive the structure of a composition through surral manipais. Working with written across we shall study the principal traditional forms, the inclusion so five the hard tradition of form, the product of the principal traditional forms, the inclusions of style characteristics on form, the growth products of the principal traditions of the principal traditions of the principal traditions of the principal tradition of the growth products of the principal tradition of the principal tradition

Although there are no prerequisites for the course, the ability to read manical notation is essential and a familiarity with basic harmonic terminology is recommended, We will seet twice weekly for two hours each time. Shrollment is open.

# HA 185 (HA 285) HOW BACH DID IT: TECHNICAL ASPECTS OF MUSIC

Johann Sobartian Sach stands as a unique figure in the history Western music. Calminating 500-year would ton to polyphonic composition, he softfed the harmonic practice of his time; an Calmination of the harmonic practice of the time; an Calmination of the stands of the nature of t

For one term we will try to become "1.6." In an attemp() to gain insight into Bach" a cyle, we will try to think as he thought, into Bach" a cyle, we will try to think as he thought, the composed. The essence of his style is crystallized in his 311 chorales and in his Two-Part Inventions. We will suchy these supects of his work through analysis, draw the basic principles from our study, and attempt to compose a chorale and an invention on those principles. Our texts shall be the Rieman-schneider edition of the Bach Chorales and the Two-Part Inventions.

The class will meet twice weekly for 14-hour periods. Pre-requisits : shifty to read music and a familiarity with the fun-damentals of music.

Enrollment is open.

HA 187 (HA 287) POETRY TODAY: THE TECHNICAL AND PHILOSOPHICAL REVALUATIONS OF THE 1960's AND 1970's

# Michael Benedikt

Michael Benedikt

The americance of new styles and the consequent obliteration of
older approaches is and has been an issue (sometimes a life-anddeath fasue, quite literally and materially) for previous of often
post who has ever written.

In this proper with the consequence of the content
a littory of extraction and the conditional yourselfswer-upal littory of extraction and the conditional yourselfswer-uptemporal by the nafety of decedes or even consurtes of hindsighttwo writters either reflecting American reality or (as oftimes
hopean) arterating to invoke an American onti-reality out poets
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Union to Expect and the form the Michael and Activity and the property of the Michael and the form of the Michael and Michael and

The class will meet once weekly for two hours. Enrollment is open - instructor selection.

FILMS AND FILMMAKERS

Instructor to be Announced

critical survey of the experimental, documentary, and personal

The course will survey mostly the broad range of independent is movements, and through viewing outstanding examples of work in these areas, analyse the particular seatherites and objectives the filmskers. Esphasis will be placed on concesporary work with guest (inmakers present as often as possible.

Enrollment is limited to 15.

HA 198 (HA 298)

PLAYWRIGHTING WORKSHOP

Gladden Schrock

This course will involve practical playwrighting, using the sources of Egri, Archer, Cole, etc. The purpose is to create scripts and to apply whatever analysis, technique, along sone sense that serves that end. For persons willing to bork, to gread, and to write with reasonable system and rigor. Exphasis is on the original work itemit.

The class will meet during the instructor's week on camp a month) with personal contact by mail between sessions.

Since much of our work will necessarily be done on an individual basis, the course will be open to both beginning and advanced students.

Enrollment is limited to 12, and an interview with the instructor is required.

HA 201

THE AMERICAN LITERARY LANDSCAPE

David Smith

"The land was ours before we were the land's," says Robert Frost who also speaks of our "wagely realizing westward." This cours will examine the function of the specifically American setting it the work of a mamber of American writers from the Puritans throu Faulkner and Frost.

Neither a survey nor a course in one genre, the course will instead concentrate on four related sub-themes for which literary examples are plantful; widdeness, virgin land, the garden, property. Around each of these ideas cluster a number of assumptions, attitudes, and spits, and a lot of good virting. Some likely examples william Bradford, Captain John Smith, William Byrd, Thomas Jefferson, Crowceccut, Copper, Thorsau, Hawthorns, Mark Tvain, Frost, Faulkner, Robert Lowell, James Dicksy.

Pormat of the course will be wookly lectures. The class will meet twice weekly for two-hour sessions. Enrollment is open.

FILM WORKSHOP II

Instructor to be Announced

A workshop to help the student continue to develop his use of film toward the development of a personal vision.

Specific areas of concern:

The film as a tool for environmental and social change. Aspects of the experimental film, its seatheries, energy personal vision. Expended cinema now movements in film seatheries.

The course will involve lectures, field work, seminare, and agreements production opportunity. It is for students who have completed file, photography, or TV classes in making products, nother agriculture or perclasion of instructor.

There will be a lab fee of \$15.00. The class will meet once a week for one four-hour session. Enrollment is limited to 12.



EFFORT/SHAPE: LANGUAGE OF MOVEMENT AND OBSERVATION

Francia R. McClellan

This course will be based on Rudolph Laban's research in movement analysis, Effort/Shape:

"Movement is a reciprocal link between man's mental, spiritual, and physical life... (It) is more than a responsent of the chain that links man's inner activity and the world around him, for it is the medium through which he actualizes his responses. It is through the movement of other people and objects that man reflace and expands his knowledge it call to concerned with a permit of the movement of the property of the movement of the property of the propert

Effort/Shape analysis:

- -is a technique for describing, measuring and classify-ing human sevement describe patterns of sevement which are constant for an individual and which distinguish him for others --delineates a behavioral dimension related to neurophy-siological and psychological processes.

The work in this course will allow students to begin to work with the elements of movement and will also provide the class with basic tools of movement analysis attention and sociation. In addition to becoming limiting the state effort/Shape parameters of movement and the state of the state

The course will hopefully bring together students from varied dis-ciplines. We will combine theoretical research and experiential work with the application of this knowledge (during the last conth in an area of relevance (for example, movement in education, non-verbal communication, movement therapy) to the students partici-pating in this course.

Throughout the term, readings and observation projects will be assigned.

The class will meet two times per week for two-hour secsion Limited to 15 students - discussion with the instructor is gested.

HA 219 AMERICAN FECTION 1875-1950: INNOCENCE AND EXPERIENCE

Richard Lyon

American writers have sometimes advocated, sometimes criticited, sometimes deplored those qualities in the American which, taken all together, comprise what has been called the "immogence." Heavy different qualities that have sometimed the "immogence." I will be a supportant to the properties of the properties and the properties and emphasis on the present; a trust in spontaneous properties and emphasis on the present; a trust in spontaneous properties and emphasis on the present; a trust in spontaneous properties and emphasis on the present; a trust in spontaneous properties and emphasis on the present; a trust in spontaneous properties and emphasis or city, the celebration of childhood and youth, and the sense that sincertry is morality enough.

youtn, ann the sense that suncertry is morality enough.

Such qualities imply certain rejections. The American immocent
will tend to regard the past as a dead weight on the present and
so will turn his back on history, preferring living purposes and
the Now. Be will distruct the traditions, customs, and social
distinctions of older alien societies, distant in time and place
He will distructs enalysis, or too much malysis, and may distruct
experts. His love of nature may lead him to deplore the city,
and may lead him saws from society slotgether. Be will deny that
tragedy or evil are fundamental in the world or in human nature.

American fiction has often represented these qualities in its heroes and heroines, its victims and dupes. Immorence may be dramatized in concest with malevolent human hurre, or with forces moving out of history may be shown confronting Europe, war, unfamily lightly excepted ty, corruption, A bundred short stories and covered trace the passage of the American innocent through hard experience to a new and chastener wavereness.

The writers to be read include Mark Twain, Henry James, Harold Prederle, Stephen Crame, F. Scott Fitzgerald, Ernest Hemingway, William Paulkner, Robert Penn Warren, Theodore Dreiser, William Dean Bowelle, Willa Cather.

The class will take the form of lectures and group discussions, and will meet twice a week for two-hour sessions. Enrollment is

FILM/PHOTOGRAPHY STUDIES: INDIVIDUAL PROBLEMS IN FILM MAKING, PHOTOGRAPHY, AND OTHER RELATED MEDIUMS HA 220

Jerry Liebling

This course is open to film and photography concentrators in Divisions II and III only.

The class will attempt to integrate the procedural and formal concentration requirements of the College with the creative work produced by each student. It will offer forum for meaningful criticism, exchange, and exposure to each other. In addition, various specific kinds of group experiences will be offered: little trips to sussemms, galleries, and other environments of the consecuration of the contract of the

Each student's concentration contract must be written prior to enrollment. Enrollment is unlimited to Division II and III con-centrators whose contracts have been filed. All others must have permission of the instructor.

There will be a lab fee of \$15.00.

CREATIVE PHOTOGRAPHY

This course is designed for these with a working knowledge of black and white photography and a desire to use this image with a other media. The course will include demonstration in chemical manipulation of the image, placement of the loage on monotonic of the image of other media with photography.

Discussion will be held in the history of creative photography as it relates to other visual arts and how we can push the photographic image in relevant directions.

The emphasis will be on personal statements about the world we are involved in. There will be no calculated limitations or fixed horizons for creativity.

Enrollment by approval of the instructor and portfolio. There will be a \$15.00 laboratory fee for this course. The class will meet once a week for three hours.

HA 228

ANARCHISM AND THE SPANISH CIVIL WAR: THEORY AND PRACTICE

Lawrence Pickethly

Probably no event in recent history has been so obscured and distorted as the Spanish Civil War. As Professor Choosely points out in an essay on Opin to try year Liberal Scholarship, the Anarchist rows of the Choose of the Spanish Choose of t

This course will examine this revolution, its relation to his-torical events, and assess what cultural and historical lessons it teaches. Books used will include:

- N. Chomsky, <u>American Pover and the New Handarins</u>
  G. Orvell, <u>Romage to Catelonia</u>
  R. Kern, <u>Red Years</u>, <u>Black Years</u>
  A. Paz, <u>Dirruti: The People in Arms</u>

There will be one extensive meeting weekly. Enrollment is limited to 12.

HA 231

Michael Benedikt

This will be a florible course where feasible but entailing a highly concentrated examination of poetry by students. A line-by-line consideration will be complemented by reference meaning meral overview and overall philosophical consistency. It will definetly not be the intention to change the direction of the students work, but rather, in the spirit of the students work, but rather, in the spirit of the reinforce it. With the intention of the students work, but rather in the spirit of the vitter a technical meaning the spirit of the students will be sufficiently to be useful, readings will spirit out the spirit of the spiri

It should be understood that a long range goal of the course is the cultivation of the ability of students to read what each stu-dent has written--and what co-students have written--with greater care than before.

Meetings will be structured according to individual achievements and needs and will take two forms: (1) general workshops and (2) individual, particularized conferences—the core of the program at first, as writers and instructors get; to know each the nother words, the instructor will take the course according to the psychological and technical development of each student poet. Admission by permission of the instructor of each student poet.

The class will meet each Thursday for two hours during the afternoon. Enrollment is limited to ten.

242 THE ENGLISH LITERARY LANDSCAPE: QUESTIONS OF SPACE AND ABSTRETIC IN ENGLISH LITERARY HISTORY

David Smith

Topice in the changing attitudes towards space and landscape in English literature from the Benatissance to the disected century, with heavy exphasis on the secondary literature of criticism which has covered this ground, including the second control of the second, but the second control of the second, the second control of the

Students will prepare seminar reports and will write term papers. Class will meet once weekly for three hours. Enrollment is limited to 16 students.

PROBLEMS IN ENVIRONMENTAL DESIGN

Norton Juster and Earl Pope

This course concerns itself with analysis and design of the built environment. It will be organized around particular environments problems (actual and theoretical) chosen by the instructors and the class and will allue for the students' engagement in a broad and inclusive range of concerns in the definition, conception, and development of these projects. As a more advanced course, its objectives are to:

- assist the student in further defining his/her interest and commitment to environmental studies;
- reveal (through active involvement) the demands and respon-stbilities in the professional engagement of an environmental design problem;
- increase understanding of the scope and complexity of environmental problems;
- 4. further build conceptual and communication skills;
- develop methodologies for approaching and analyting environ-mental problems;
- by dealing with problems of real concern, produce work of value and relevance to the community.

Some projected areas of study for this term are:

- Study of village and small town environments analysis of form problems of structure, preservation and development
- b. A community park for the town of Amherst
- d. Problems of environmental education and communication

While the precise subject matter of the course will not be deter-mined in advance, it could include any of the above or other problems of similar scope,

Sarollment in the course is limited to twelve students, and per-mission of the instructor is needed. It is the students' respon-sibility to arrange for interviews with the instructors.

THE HISTORY OF PHILOSOPHY

R. Kenyon Bradt and Robert E. Heagher

This course is offered each term of each year to provide a developing foundation and center priesarily for Division II excellents whose concentrations or concerns locate themselves in the study of philosophy. In the course of each term though the philosophy which is the study of the philosophy will be studied with demanding read and depth, the fail term focused upon "ancher" and the spring term upon "bodern" pur fail. The Spring Term of the 1972 the study of Demantas of the 1972 the spring term upon "bodern" put is given to a study of Demantas and legal.

This course will meet once every week for three hours and is unlimited.

ELIZABETHAN, JACOBEAN AND AFTER... HA 258

L. Brown Kennedy

This course will center on a close reading of drams written in England during the sixteenth and seventeenth centuries: Temburlains and Peuscus (Marthewe), The Mnight of the Burning Featle (Beer (Shakespeace), Tie Fity She's a whore (Ford), The Dutchess of Helfs (Webster), Samson Agonistics (Milton), All for Love (Dryden).

Hy own reading of these plays posits a connection between a society--its social structure, its political and intellectual concerns--and the literature which it produces; and I propose, in a series of lectures and discussions, to ever through the language and structure of the texts into an exploration of this connection.

and structure of the texts into an exploration of this connection. To give an example of one of several problems I would like for us to deal with: my work this past year has returned an expensely be added to the effort and suffering of the effort with the effort and suffering of the effort with the effort and suffering of the effort and the world will not go the issuement the effort and suffering of play which we will be the effort and the world will not go the fastered thereos and heroimes to assign the world be effort and effort effort and effort effort and effort effort and effort effort

Though this will be a lecture-discussion course, there will be opportunity for those students who are interested to do directed research-seniors work on specific aspects of the historical backresseries of the plays. One such ground to the plays. One such ground that the verse process, beliade, drawings, and other documents the period's three most striking images of the ideal leader—the loon, formed by the contemporates of the heroic Elizabeth; the heroic Groswell; and the martyred Charles.

Each person taking the course will be asked to contribute two papers, one defining a critical approach to a play and one using a more strictly historical approach to some of the background

The class will be limited to thirty students, and will meet twice weekly for 1-3/4 hours.

HUSSERL AND HETERCOER

Raymond Kenyen, Bradii

It would be possible to conceive of rby coverage of thought established by Husserl and Heldegger , a 'circular one. The movement of each thinker would constitute half rise movement of each thinker would constitute half rise movement of the circle's acticumference. Hussert's phonome, but all once would establish the initial movement of the conceivable of the hitelation of the conceivable of the destablish and circumference transcend. All subjectivity and extensible circumference transcend. All subjectivity and permit of the conceivable of t

A sore adequate image of that movement, however, would be a two-fold one. It would begin from the circumference of a circle, moving therefree to its center. This novement would establish this centered world in a further, grounding, Center, the Center of centers: Being itself. Herein, however, the entire movement involuce, so that the grounding center becomes one with the circumference, the movement, and the center itself, and these conversely become one with it. The first movement would establish being in its temporality, the second movement would establish being in its temporality of being in its Being.

Even this image is inadequate, however, to characterize the chought of Husserl and Heidegger. Perhaps only a synthesis of the two images would be adequate, but that synthesis would be impossible in image, possible only in Reality. The sovenest of the course util be toward that. Its readings will imbused the superior of the course of the course of the course and the superior of the course and the superior of the course of the course

Enrollment is limited to twelve students. Class will meet once a week for four hours.

REHEARSAL AND PERFORMANCE

Liam O'Brien

This will be a fully mounted production, directed by the instructor, with actor casting at the beginning of the Spring Term, and technical positions by interview at the clone of the casting partod. The class will meet nightly 7:00-11:00, Monday through Friday, until opening. The slow to be mounted will be announced the first week of the Spring Term.

Enrollment will be limited by the number of roles to be filled. Audition and interview with the instructor is required.

Note to Five College students: All theatre courses at Hampshire carry only pass/fail grades for non-Hampshire students.

HA 264b

WIT, VISIONS AND ALIENATION

Jess Cloud

After investigating English Renaissance poetry and drame in the Fall Term, we shall continue to explore the turning glass of the titerary imagination. During the Spring session we shall consentence on the vital change that occurred around 1800 and then deal in some depth with the literature of this century.

In the romantic period, we shall look at the roots of the literary revolution that congred after the Enlightenment. We shall consider; when it of the subject-object problem? My down at the concept of art change from the mirror to the lamp? what visions are seeked by writers such as Blake and Koust' what huppens to rhecoric?

In the contemporary world, we shall cond Joyce, Eliot, and Dylan Thomas, exploring the theme of alternation and some of the "answer implicit in the state of the world are to work outfloors ment the problem of a fragmented world? what may the do they throke to give resonance and structure to their pactry and prose? What is the role of art in modern society?

The course will be given in two one-and-one-half, hour sessions par week. Everyone will be expected to participate intensively in the discussions. Enrollment is open.

HA 268

STUDIO WORKSHOP IN SCULPTURE: GROUP INDEPENDENT STUDY

A studio-workshop relationship of individual consultation for guidance, technical advice and professional critical discussion might be set up. Students' individual needs and plans would be considered. The only regular meetings required as a group would be for such special events as guest-artist presentations, field-trips to exhibitions or artists' studios and technical demonstra-tions.

The essence of this element of the program would be continued work in the studies and personal interactions among the students themselves, the faculty and outside people and resources within reasonable availability.

Enrollment will be by permission of the instructor.

RECENT AMERICAN FICTIONS

Traditionally, the novel has been seen as a way of ordering reality, taking something called life and giving it shape and congruity. A concert he absurdity—the idea that life might be meaningles on the shared typ—the idea that life might be meaningles or certainly not in the American novel. One of Melville, Twain, Memingaay, Faulkner. But in cartier to fire the shared of Melville, Twain, Memingaay, Faulkner. But in cartier to rise the subject matter was seldow wedded to the form, whereas in what John Barth calls our contemporary "literature of exhaustion" there often seems to be an attempt to do just that. One way to come to terms with the discrepancy between art and "the Baal Things "is to affirm the artificial in art and nake artifice part of the point, to see fiction above all as a lingsistic phenomenon. There are other ways, and we pill explore them in our readings.

plore them in our readings.

We will begin with a novel by Samuel Beckett, Molloy, and some foundamental questions concerning the nature of fiction—why it is written and read, what are its traditional components, how it can best be discussed—before attempting to see how and why recent fiction tends to ditief from the "conventional." The initial concern will be to establish a critical source. The second of the noval control of the provider of the provider of the noval control of the provider of th

The class will meet twice weekly for two-hour sessions. Enrollment is limited to 20 Division II students.

CTIMES ARE UNRESHING

Arthur Hoener and Josn Murray

The major concern of this workshop will be to develop a critical assthetic to reinforce the work produced in the studio. The students will develop their own course of study in the areas of painting, sculpture or printmaking and meet as a group for regular critique sessions.

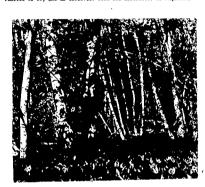
The class will meet twice a week for two-hour sessions. Enrollment is limited to 14 students.

HA 281 EDITING/CONTRIBUTING TO THE LITERARY MAGAZINE

Designed for uniters of both poetry and prose as well as editors-to-be, this course will focus-in a bimocular-like way-on both the philosophical and practical issues related to bringing out the literary ungazine.

We will begin at the beginning. Students and instructor will examine and evaluate a wide range of college and other literary magarines, the established as well as those movly published—i.e., those mainly printing the work of younger writers. In line with this, students should be prepared to purchase and exchange, in a cooperative manner, magazines on both the college and professional level: everything from pebble and Scindweed to The Partisan Review and The American Poncry Review. From time to time, the instructor will make available otherwise unavailable material from his own library, massed as a consultant to both the College and National literary magazine contests/awards of the Coordinating Council of Literary Magazines.

This course is based on the principle that standards in this tra-ditionally chaotic field are beginning to exist; and that while "to know is not enough," it helps to learn from the adhevements or errors of others in the area of concern, for young writers as well as editors. Fractical questions to be considered will be: (1) what the soope of a Bimposhire liferary magazine might best by (2) what a five College magazine might entail, (3) what orcypecta-tions of national success a college-based magazine desting the opecta-tions of national success a college-based magazine desting the the Amberts area—yer reaching beyond it—might possibly be.



ORIGINS OF ROMANTICISM

The Romantics are often described as the rebellious children of the rationalists of the Enlightenment. The seminar will focus on the nature of the State of the S

Readings will include: vill include:
Montesquieu, Persian Letters
Voltaire, Candide
Rousseau, Mouvelle Reloise
Didderot, Rameau's Nepheu
Laclos, Lidsions Bangereuses
Sade, Justine
Goethe, Serrows of the Young Werther
Pausi

The class will meet twice a week for two hours. Enrollment is

KA 289

SHAKESPEARE AND WOOLE L. Brown Kennedy

Lovers and mad men have such seething brains, Such shaping phantasies, that apprehend more Than cool reason ever comprehends. The Lunatick, the Lover and the Poet, Are of imagination all compact.

(A Midsummer Night's Dream)

In the first part of the course we will read Shakespeare (<u>Delfth Night</u>, <u>As You Like It</u>, <u>Lear</u>, <u>The Tempest</u>, and possibly <u>Hamilet</u>) and in the latter part Wignia Woolf (<u>Mrs. Bellowy</u>, <u>To the Lighthouse</u>, <u>Orlando</u>, <u>A Room of One's Own</u>, and selected essays).

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. However, 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 sense of themselves in undowes, lose and find their selves in lowe or in sexuality, and find or make both self and world in the shaping act of the imagination—in 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, dis-cussion, and periodic lecture.

The class will meet twice weekly for 15 hour sessions. Enrollment is limited to 25.

NA 204 (SS 222) MARKIST AESTHETICS

Carol Bengelsdorf, Lavrence Pitketh'y, Jessica Spohn, Phil Kudla, Peter Brosius, and Jim Gold

rnii Kudla; Peter Brosius; and Jim Gold.

This is a course about radical perspectives on the Arts. Marxist Asschetite is a way of understanding all artistic life both theoretically and practically. It explains, for example, the contradictions of the vriter in capitalist society from Salzac to Secket and the contradictions of the vriter in capitalist society from Salzac to Secket and the contradictions of the vriter in capitalist society from Salzac to Secket and the contradictions of the vriter in capitalist society from Salzac to Secket and the contract of the vriter in capitalist society of system is posson on an artist and the artist's attempt to create his own forms. In this regard, revolutionary periods such as the Russian of Cuban revolutions or the Spanish Civil War assume an immense importance, for they altered (at least temporarily) the enormous divide between artistic hopes and societal constrictions.

The course is in fact divided into three courses and students can choose one of the three areas outlined below. There will also be one regular weekly meeting of two hours at which we will discuss fully achematized series of copics including Art and Altenation. He Artist and Worker, the Art Work as Commodity, Art and Revolution the Artist and his Audience, etc. This meeting will use films, peters for his interesting the artist against the Artist and his Audience, etc. This meeting will use films, peters for illustrative purpose; and a number of interesting gues will be invited to participate.

Forellment is onen.

Art, Cinema and Revolution 1915-25

Sessica Spohn and Phil Kudla

This course is divided into two sections. One section will cover an historical view of two Bussian artists, Vasily Kandinsky and Kasimir Halevich, inhose coreror parisleded the revolution. We util study their vritings on art and aesthetics, their roles in the revolution and its effect on their lives as artists. The format will be slides, lectures, and guest speakers.

The second section will consider the work of two great film makers of that period, Deiga Vertow and Sergel Eisensetch. Points of focus will be: (a) historical-how Vertow and Eisenstein derived elements of their nesthetics from their perticular socio-historical context; (b) theoretical-how their work aims toward the determination of a radically new personality and consciousness arising from concrete changes in social relations. The format will be films, lectures, and discussions.

Political Performance: Aesthetic Theory and Critical Practice

Peter Brosius and Jim Gold

This workshop will explore some of the following ideas: the social function of theatre, the relationship of the audience to the performance, the use of theatre as a politicing device, the internal politics involved in the mounting of a production, the problems of political theatre...

We will answer our definition of cheatre to include dance, movement theatre, agit-poop, atreet happenings; the genres of children's plays, documentary plays, and egic theatre. We will read the senthetic and critical works of Brocht, Piscator, Hann Mayer, Sartre, and Neychold. We will also be reading the plays and seripts.of Brecht, Enzemberger, Weiss, Odeto, Theatro Campisino, agit-prop of the 30's, and recent gwerful cheatre pieces. In addition, we will screen files, do readings, and possibly mount formul or informal production.

The workshop is designed for all people involved or interested in the possibilities of performance activity.

Literature and Revolution

Carol Bungelsdorf and Lawrence Pitkethly

ovelists, This section will cupiers a number of writers (posts, novelists, size) in medern pre-revolutionary and revolutionary sections. In medern pre-revolutionary and revolutionary sections. On the one hand posts like fluid, Revide, Hernandsc or, in contemporary America, Adrienne Rich, who see their poetry as committed reading is occised change. On the other, writers like beanoss and Retemer in Cuba or Mayakowsky in Russia, who experienced a political revolution as a change in artistic for interactive in answer questions about the liberating of the content of the course of the

Nessica Spohn, Phil Kudla, Peter Brosius, and Jim Gold are Division II students at Hampshire College.

\*\*For the word Artist or Art, substitute post, writer, film maker, composer, sculptor, etc., whichever is your interest.)



MARY SPANISH AMERICA THE FICTION OF CONTEN HA 295

Robert Marquez

This course will consist of readings in the fictional prose Spanish America since the turn of the century. It will begin with an evaluation of the literary leager of the Kodernist a "Wanguardista" movements but will pay particular whose writers whose major work begins are cound 1940, and whose contribution to the so-called "literary boom" is o special importance,

apecial importance.

Emphasis will be placed on the novel as the mode most typical of this group of artists. We will attem, to distinguish their "new" latin American novel from its trade "nel antecedant, observing closely their growing sense of cust, their fusion of genres, the monner in which national and continental precocupations ere transmuted in their work. Their peculial interest in time and space, in prespective interest interest in time and space, in prespective interest interest in time and space, in prespective interest interest in time and space, in prespective of the (technically) control of the present in the course will; I hope, and the control of the fiction. The course will, I hope, anable us to gauge the distance that separates a work such as The Vortex, by the Colombian José Eustacio Rivera, and a more recent work such as One Mundred Vanza of Solitude by his compartiol Cabriel Carcia Marquez, and, in the process, note that transformation that anguge fiction has undergone since the day of the Romantics and Moderniate.

The course will meet once a week for two hours, with students meeting in occasional conference with the instructor to discut the course, readings, papers, projects, etc. There is no foreign language requirement. This is an open course.

RA 297

U. S. HISTORY: THE FIRST HALF OF THE NINETEENTH CENTURY

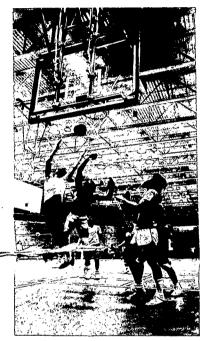
#### Van R. Halsey

Selected topics of the period will be examined from an American Studies point of view. That is, the continuing legacy of Jeffer-sonian and Emiltonian ideas will provide the backforp of studying a combination of cultural forces shaping 19th-century America: the aggrafian vision in conflict with the impulses of a rising business; system; some social and economic consequences of scientific and industrial developments; political parties and extres! rights ideas seen against the continuing delate over of the "common nam"; stitchudes toward land and the West; Turner, Beard, and Schlessinger and the continuing bistorians debate.

Other topics may suggest themselves from the biographies and writings of Jefferson and Hamilton and from the annotated reading list.

A major paper will be required about mid-way through the course on copies selected in conference with the instructor. Students will be expected to read the equivalent of two or three books per week.

The class will meet twice weekly for 14-hour sessions. Enroll-



# SCHOOL OF LANGUAGE AND COMMUNICATION **CURRICULUM STATEMENT**

Symbols are the foundation of all human activity. Perception is coding the physical world into a symbolic representation, thought is manipulating symbols, commonication is transmitting year to appeal to the commonitation of the commonitation. The School of Language and Communication is an appearance. The School of Language and Communication is an appearance which brings together the disciplines that study the forces and nature of symbolic activity. Although those, are among the most vital disciplines in current intellectual life, they are taught as a central part of liberal arts education only at Hampshire.

The program of the School of Language and Communication is orgenized into two interdependent parts. The first part is devocad to the study of thought and language, and is cooppeed of
linguistics, mathemetical logic, computer science, analytic
philosophy, and cognitive psychology. The second part of the
program is devoted to the study of communication both in faceto-face social interaction and in the mass media. This part of
the program is composed of mass communications, and parts of
anthropology, psychology, and American Studies, and
it includes courses in television production and journalism.

Hamy Division I students and transfer students are confused about L. & C. partly because the School's name suggests various things that sen's part of the program, and partly because many students have never been exposed to any of the L. & C disciplines before costing to Hampahire. However, the School's curriculum is carefully delineated and surprisingly vide-ranging, as a look through these course ensemptions with vide the control of the

territory.

The School has two or more faculty members in each of its discipline areas and offers at least one Division I and one Division II co..se in each discipline every term. The listing by disciplines above is convenient, but it should not obscure the interdisciplinary character of the School should not obscure the interdisciplinary character of the School should not obscure the School should not be sufficiently the study of the School should not be sufficiently interdisciplinary. Sudents were supported to the curses in the related ones. The course offerings are planned to complement those of the other four colleges, so the student who does not find a priticular course here is likely to find it in one of the other catelogs. The School supports blvision II and III work in all of its disciplinas, and students who are considering work that involves a particular L6 C area should talk with one of the faculty members in that area, or go to the L6 C Movising Center.

#### INDEPENDENT STUDY PACKETS IN L & C

The Subbol of Language and Communication has created a number of machet for anothers to use in individual or group independent study projects. The nackets vary in scope and depth, but most of them include instructions in their use, bibliographics, references to films and video tapes, study and discussion questions and suggestions for developing themes and projects, examines of each packet, and ways for each user to build on previous over. The packets can be used for developing Division I exams, and for Division II students they can supplement the areas of concentration or serve as an interduction to crease outside one's concentration. As favoily member is to be a found to the concentration or serve as an interduction to crease outside one's concentration. As favoily member is to topic and students have the option of registrating for tidependent actively with those faculty members when they use the packets. Topics covered so far by the packets.

Linguistics
Linguage and Thought
Linguage and the Generations
Language Acquisition
Phonology
Thomology
Tiems(Commarional Grammer
Dislectology
Black English Black English Stylistics Sociolinguistics The Language of Advertising Language Pathology Language Planning-Hacrosociolinguistics Historical Linguistics Linguistic Relativity

Interpersonal Communication:
The sociology of face-to-face interaction Conversation Analysis

Mass Communications
Cable Television
Nedia and Politics
New Journalism
Photo Journalism
Nuckraking
Broadcast News
Alternative Press in America

J. LeTourneau

For more information concerning the packets, see the L & C Advising Center.

# SCHOOL OF LANGUAGE AND COMMUNICATION

AUTOMATA THEORY LC 138 LECTURES ON LANGUAGE LC 149 Self-instruction COMPUTER LABORATORY LC 153 A FIRST COURSE ON FILM: UNDERSTANDING CINEMA N. Shister LC 164 HIGHER LEVEL LANGUACES LC 169/269 MINOS, BRAINS, AND HACHINES: LECTURE SERIES A. Hanson M. Radetsky N. Stillings NEW JOURNALISM; AIWORKSHOP IN REPORTING AND WRITING LC 185 PHILOSOPHY: BASIC PROBLEMS AND CONCEPTS LC 190 C. Witherspoon APPLIED ALGEBRA INTRODUCTION TO LINGUISTICS R. Rardin TELEVISION PRODUCTION I TELEVISION PRODUCTION II LC 235 LANGUAGE, LITERATURE, AND CULTURE TOPICS IN COGNITIVE PSYCHOLOGY: MENTAL HAPS N. Stillings LC 266 Y. Tenney INTO AND BEYOND THE NATURAL CONVERSATION: CONVERSATION ANALYSIS II CONVERS ATHEMATICAL PROPERTIES OF TRANSFORMATIONAL E. Bech ADVANCED SEMINAR IN COGNITIVE DEVELOPMENT LC 250 M. Teghtsoonian BEHAVIOR CONTROL LC 255 (See <u>SS 205</u>) DOING RESEARCH IN THE BEHAVIORAL SCIENCES: THEORETICAL ISSUES AND PRACTICAL PROBLEMS LC 256 (See SS 206) J. Hornik M. Radetsky H. Sutherland

J. J. LeTournesu

Enrollment limit: 20

VERBAL AND NONVERBAL DIMENSIONS OF COMMUNICATION LC 257 (SS 209)

The theory of automata is a branch of mathematics whose major development has occurred within the last two decades. Today the theory forms one of the more active areas within the general field of computer science.

J. Hornik J. Tallman

The original impetus for development of the theory grew from accempts to create precise models of neurological brain function, coupled with attempts to understand the theoretical limitations and capabilities of computing machinery. The theory alternatives to the foundations of mathematics.

We use the word "succestant" generally to describe theoretical computing meachins of materials of the spinion and the spinion and the spinion will be on so-celled finite sutemate, or finite state machines. The mathematical content is rich, providing a good example of contemporary ideas without requiring extensive and appetial background. It will therefore be resulted to encourage perticipation by students with varying degrees of anthematical strength.

We shall read, among other things, the works of researchers now active in the field. Por a preview of the work to be done, see Part I of Marvin Minsky's Computation: Finite and Infinite

LC 149

LECTURES ON LANGUAGE

Robert Rardin

"They have been at a great feest of languages, and scolen the scraps."

#### Shakespeare, Love's Labour's Lost

This course is designed to acquaint students with a wide vari-ety of language related topics. The course will neet twice a week--once for a lecture and once for discussion (in sections if the enrollment is large). There will be ten lectures desl-ing with such topics as the following:

language acquisition
language and the generations
language and thought
remasformational syntax
phomology
dialectology
Black English
sociolinguistics
the structure of Finnish

The last two works of the course will be devoted to papers which are to be submitted at the end. The basic rout will be Linguistics and Language by Julia S. Talk. Additional rore revent including the paper of the

The lectures will be given once a week for 1 1/2 hours. In addition, discussion periods will be arranged for one hour

Enrollment limit: none

t.C 153 COMPUTER LABORATORY

In addition to regular courses, we provide facilities to teach the programming language AFL. The facilities are essentially saif-instructional, with a core of instruction consisting of an andiotaps series and an excompanying notabook-text of charts and exemples. There are awaitiary materials much as either and exemples. There are awaitiary materials much as either vill be available as a resource of programmed correctes, and coring guarles and problems, and regrammed awaitiation of the exemples of the exem

For the beginning student, the work required to master computer programming at the Division Y level is equivalent to about on-helf of a normal course. The student who wants to do this should register for the lab as a course in order to make this about of register for the lab as a course in order to make this mount of time awailable during the torus, and the lab. The programming about one the lab. The programming about one of the lab. The programming about do make the Libis Introduction to computer programming about do make the Libis Introduction to computer and Problem Solving, offered every fall. Skills in programming can be used as part of (and it some cases as also and Communication Students who are interested in Door and the lab and pass and Communication that Islands.

Forellment limit: none

LC 164 A FIRST COURSE ON FILM: UNDERSTANDING CINEMA

This course is intended as an introduction to the diemen's of file style, file composition, and file analysis. The first part of the course will be devoted to familiarizing students within the tendingues and secretarized the continuous will be supposed of file. Then we will look at a series of feature length file from both a critical and haterofice) perspective. We will be interested in seeing how filementers invoke the language of cinema in that work, and how those elements are informed and influenced by the cultural context of the time.

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

HIGHER LEVEL LANGUAGES LC 169/269

We will attempt to examine some of the more popular languages awailable for interacting with a computer (such as AFL, TONTRAN, ALGOL, SMORDL, and perhaps a simulation language much as INTALS, SMORDL, and perhaps a simulation language much as INTALS, and the such as a second language has expected as a second language and as a second language such as a second language. The second language is defined, the structured said implementation differences some the languages and the types of objects which are representable within the framework of the language. Furthermore, the expressive power of a language is intradictly related to both the structure of the language and the primitive operators supported by the language. The implications of these characteristics for the uner will be discussed is seen depth, particularly the types of problems switchile for obtaining and the language. The language is seen the second company of these characteristics for the uner will be discussed in seed of the language. The language is seen the language in the second capth, particularly the types of problems switchile for obtaining an early the languages as possible as time permits.

'While no background is required, it would be helpful if you had some experience, however alight, with progremming. A course such as LC 156 or LC 135 would be ideal. If you are interested and unsure of your background and/or abilities, contact the instructor. This course will be useful on the contract the instructor. This course will be useful on the contract the contract of movelengers of the contract of the c

The course will meet twice a week for 1 1/2 hours each session. Enrollment limit: 20

LC 184

HINDS, BRAINS, AND MACHINES:

Allen Hanson, Michael Radetsky, and Heil Stillings

The first helf of this course will be devoted to an interdis-ciplinary lecture series, which will be taught jointly by Allen Hanson, Michael Redetsky, and Mell Stillings. All evidents registered for the course will attend this lecture series.

In the second half of the course we will each offer a modular senter that examines some issue from the standpoint of one discipline. Each student will cake one of the three senters. The meeting times for the seminars will fell during the time used for the lacture series.

It is expected that many students will use their work in the course for Division I examinations. Descriptions of the lecture series and the seminers follow.

#### TECTURE SERIES

# Allen Hanson, Michael Radetsky, agi Neil Stillings

Allen Hanson, Michael Radetaky, ont Meil Stillings
Since Descrizes the dryng experation that ye maintain between
our nike how the state of the state

The lectures will be accompanied by assigned readings, and a short paper will provably be assigned.

The course will meet twice a week for two hours each session.

Entollment limit: 60

#### MODULE: ARTIFICIAL INTELLIGENCE

Artificial intelligence is the acuty of complex systems and their behavior. One of the most complex and beart understood systems at the theory of the most complex and beart understood systems at the complex the most complex the most complex the most complex the most intelligence is a fixed at simulating on a computer the most intelligence is a fixed at simulating on a computer the most intelligence is a fixed at simulating on the computer the most intelligence is a fixed at simulating on the computer the computer the modelling intelligence. The model construction considers are assay should copheny and cybernetics. This models will be devoted to discussions emphasizing current techniques in and approaches to artificial intelligence. We will consider the most intelligence the will consider the most intelligence to such as complex in the consideration of the complex in the consideration of the consider

HODULE: WHAT COES ON IN THE MIND? AN INTRODUCTION TO PHILOSOPHY OF MIND

### Michael Radetsky

Michael Rodetaky

Michael Rode

## MODULE: VISUAL IMAGERY

A 3-inch cube is painted blue on one side. Two other sides, adjacent to the blue side but opposite each other, are painted red. The cube is now diced in smaller 1-inch cubes. Now many of the 1-inch cubes have exactly one blue and one red side.

#### George Baylor

Note module will be devoted to the study of visual imagery as a psychological topic. We will investigate the following questions. What information is represented in visuals when the manipulations can we perform on uncome of visual thinking? In exactly when the power of the powe

LC 185

NEW JOURNALISM: A WORKSHOP IN REPORTING AND WRITING

#### Neil Shister

In the early 1960's a minor "revolution" in the practice of journalism occurred as figures such as Gay Tolese, Tom Molfe, Bunter Thompson, and some leaser lights burst through the tries of traditional newspapering to describe the forms. These forms have come in the common that the second of the traditional newspapering to the traditional contraction in the class of the contraction of the contraction of the contraction of the first property of the course will combine readings with reporting and writing assignments. Each student will be expected to write six small pieces and one major assignment.

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

Enrollment limit: 15

PHILOSOPHY: BASIC PROBLEMS AND CONCEPTS LC 190

#### Christopher Withersp

# Texts: A. J. Ayer, The Central Questions of Philosophy B. Williams, Morality

A number of important philosophical problems will be considered, moong them problems about the possibility and nature of our knowledge of the physical works and according to the physical works of the physical physical physical according to the physical physical physical physical physical cruck the physical physical physical physical cruck the physical phy

mers, jumpments; cojectivity; truth.

The subject matter of the lactures will roughly persilei that of the chapters in Ayer and the two halves of Williams. Each very questions on the lectures and readings will be distributed merse than explanations of important terninology and types of argument and/or very brief excepts from important philosophical sources together with exarcises will be handed out of discussion meetings students will be expected to participate actively, defending their own views and criticizing those of others.

The six of the course is that students acquire (a) an under-standing of the problems and of the positions and supporting argument, of the instructor and of Ayer and Williams; (b) in-creased movinatication in philosophical writing and discussion; (c) a grash of that philosophy involves and some idea of wheth-er ribly want to do more advanced and in-depth work in the field.

The books for the course, together with a few others which are relevant, are on reserve, and should be looked over by students uncertral about whether to take the course and students considering, an examination related to the course.

Bosis for evaluation: Performance on the two mid-terms and final cues, all of which will be take-home exams having sev-eral questions to be answered in no sore than 300 words each; participation in discussion meetings; (optional) homework.

The class will meet on Tuesdays and Thursdays from 10:30 to 12:00, with an additional discussion meeting on Thursdays from 1:30 to 3:00.

Enrollment limit: 20. Admission by written application to the office of the School of Language and Communication.

rc 191/291

#### APPLIED ALGEBRA

#### . J. LaTourneau

Algebrs, from serliest times, has been a tool to assist in the solid of various problems. This course will focus on a part least time and the problems are supera called linear or matrix algebra and also on the problems this part of mathematica was invented to help solve, and mose of the social sciences, aspect laws to the problems of the solid sciences, aspect laws and however, in addition to being a powerful theory. The course will attempt it and colour to make of the course will attempt to the problems of the problems

The class will meet three times a wack for one hour each time

Rorollment limit: 20



LC 205

### INTRODUCTION TO LINGUISTICS

#### Robert Rardin

"In the beginning was the Word..." We have always been ewed by the power of language, the commanticative magic which seems to be our one other therateristically human features. Only recently, however, has our fascination with language thought about it. Linguistically human youngest accences, so as introduction is measured in the production and the frontiers of the discipline.

This course will introduce students to the basic elements of modern linguistic theory. The indimental concepts of phonology, syntax, and semantic for interested within the framework of general the presented within the framework of general the view describe the sound system and sentence attracture of English. We will extend them to a general theory of language, a universal boolel which attempts to account for human linguistic competence.

Numan linguistic competence.

In this course we will apend much of our time playing with words and sentences. We will observe, for exemple, that the superficially will be recomble and numeable require difference will be recombled and numeable require difference and the recomble and numeable require difference and the sentence alpha is considered between the sentence alpha is gager to please (where John is interpreted as the deep-structure object). We will promote the sentence alpha is factory and the sentence alpha is interpreted as the deep-structure object). We will promote sentences the baby has called Hary. We will insulate the sentence alpha is interpreted as the deep-structure object), we will promote sentences the baby has called Hary. We will insulate our sentences the sentence will be a sentenced by the sentence will be a sentenced by the sentence of the sentence of the sentence will insulate our sentences the sentence of the sentence of the sentence will be sentenced by the sentence of the sentence will be sentenced by the sentence of the sente

The course will involve lectures, discussions, and individual projects. Readings will include some major linguistic papers on English, and students will be encouraged to undertake independent linguistic research on English or any other language thay may know.

class will meet twice a week for 1 1/2 hours each session

TELEVISION PRODUCTION I 1.C 224

this first course in live and videotepe television product; trees students the opportunity to acquire sufficient skill using portable and studio equipment to work independently i complicated future projects.

Some of the course will center on the particular facilities the College, with the expectation that all participants will demonstrate considerable skill in using such of it at the cluston of the course. Those who have worked elsewhere-or with to-will find this equipment unsfully typical of that is use in closed-circuit and cable television systems.

Skills to be attained include the operation of emeroas, video-tope recorders, video and sudio mixers, and special effects generators; organization and direction of simple studio tele-vision progress; sat-up and execution of out-of-studio produc-tions. Attitudes which the instructor believes are helpful include respect for equipment, its potential uses, and other users of it; appreciation of the intelligence of the potential audience; carring for the worth of the time the audience spends watching one's product.

The course is listed as a Division II course since no formal accempt will be made to prepare participants for Division 1 examination in Language and Commanication. It is not restricted to those who have completed a Division I exam.

The course will meat twice a week for 1 1/2 hours each session.

Enrollment limit: 18, 10 by lottery, 5 5-College students, and 3 by special permission of the instructor.

TELEVISION PRODUCTION II LC 235

Instructor to be announced

In this second course in relevision production participants must have had prior experience in the use of relevision equipment in a studied reason and should be able to direct, operate caparas, and a studied be able to direct, operate caparas, and the course will remain a studied reason and the course will remain a studied reason and the course will remain a studied remains a studied of programs for cable relevision broadcast off-campus. Since an instructor has not been designated, a source complete description of activities is not possible at this time.

Those who wish to inquire about the adequacy of their propers tion, or about progress in meming an instructor, or about the College's facilities, should contact Richard Muller.

Ten Hampshire students will be selected by lottery; five places will be reserved for Five-College enrollment; five will be admitted by permission of the instructor.

Enrollment limit: 20

LANGUAGE, LITERATURE, AND CULTURE

Richard Lyon

Some writing we call "literature." Some writers we call "artists." When and why are these labels appropriate? What is "language in a condition of artistic use"?

We will begin by noting the variable significance such terms may have, some diverse purpose of artists and diverse function of literature. A second the legitly will follow: What are seem of the read of the second of the second

- Ilterscure as an autonomous institution are as individuality (the writer as the unique sensibility)
  the artist as prophet ("antennes of the race")
  literscure as an indice and effect of a surrounding the relations of high culture to "assecult and midcult," felk and popular art the concept of silenation the genteel and the didactic

During the semester we will be concerned with the views of Taine, Whitman, Arnold, Tolstol, Marx, T. 5, Ellot, and a great vortety of soor recent critice, including bright Machanald, Raywond Williams, Goorge Lukeen, Herbert Morcuse, Sartro, Goorge Steiner, and Jacques Barzun.

The course is suitable for students wishing to follow up certain aspects of their work in the Division I basic course, "Mass Communication, Mass Culture, and Mass Society," and for edwanced students of literature or cultural history. The class will meet twice a week for 1 1/2 hours each session.



TOPICS IN COGNITIVE PSYCHOLOGY: MENTAL MAPS

Neil Stillings and Yvette Tenney

People have mental maps, or internal models, of the world, and much of their thought consists of remembering and mantpuleting parts of the maps. This course will examine the notion of mental representation, using the tools of contemporary cognitive psychology.

ysychology. The naive conception of mental images as com-plete copies, or analogs, of the world has been replaced by the motion that images are abstract, that is, they leave out some information and encode the rest in a form that can be efficiently remembered and transformed. What is present in and what is absent from images? How manipulable are images, and what se-counts for the successes and failures of imagistic thinking? Are visual and verbal representations apparate systems of though? Why is visual senery and problemany and problems abstract and sometimes word and the second problems and the second problems. The second problems are second problems and others will be treated in this section of the course.

Semantic memory. We remember a great deal of what we hear and read and yet these memorics are not auditory images of speech or visual images of pages. We have a compact representation that captures the gist of what we hear and discards ment of the details. What is this representation, and what are its properties? The work of Barclett, Bransford, Schank, and others will be discussed.

Development of representations. The form of a person's representations and his ways of manipulating them probably change as he grows up. How do representations change with changes in a grows up. How do representations change with changes in cognitive growth? Are there cricks and arresegies of representation that people learn as they gain insight into how meaning works? Do we "forget" our childhood singly because the old memories are in a representation that we can no longer process? The work of Schetzl, Plager, Neisser, and Plevell will be discussed in this part of the course.

This course is primarily for Division II students. Division I students should consult with the teachers about taking the course in most of the course in congritive psychology are invited to cake this one, since it covers new material. Students will be expected to determine the course in congritive psychology are invited to cake this one, since it covers new material. Students will be expected to detuo or three projects, e.g., a short critical paper, an experiment, or a class presentation.

The course will meet twice a week for two hours each session.

Enrollment limit: 32



INTO AND BEYOND THE NATURAL CONVERSATION: CONVERSATION ANALYSIS II LC 247

It is time to develop more fully the work we have so far done in conversation analysis. I see three possible meths we eight now follow. The first is interested the and deeper studies of what we have so the control of the control of

The course will meet twice a week for 1 1/2 hours each session.

Enrollment limit: 30

MS. TALLMAN WILL NOT GIVE GRADES TO FIVE-COLLÈGE STUDENTS.

LC 249

MATHEMATICAL PROPERTIES OF TRANSFORMATIONAL CRAMMARS

Eamon Bach and William Marsh

We will begin this course with background from recursive function theory and mathematical linguistics on the notions of enuserating a language and deciding membership in it. We will then survey the resuits of S. Peters and R. W. Ritche. During the last half of the course, we will attempt to involve the class in current research on formal and empirical constraints on transformational grammars.

Prerequisites: Some knowledge of transformational grammar and mathematical logic, mathematical linguistics, or some mathe-matics beyond the sophomore level. Students concerned about their beckground should get permission from one of the instruc-tors.

The class will meet Tuesdays and Thursdays, 9:00-10:50 em.

Enrollment limit: none

ADVANCED SEMINAR IN COGNITIVE DEVELOPMENT t.C. 250

This seminar is intended for advanced Division II students who are interested in reading some new books in the field of cognitive development and discussing theoretical issues and researchable questions. It was inspired by three of my students who met regularly this past term on their own to read many of the same books that I would like to read.

The first part of the course will be spent tevtering some Gib-son, <u>Principles of Perceptual Learning and Davelopment</u>, and some <u>Plaget</u>. Origins of Intelligence or <u>Construction of Reality</u> in the <u>Child</u>. This section of the course can be extended or curtailed as needed, but students will be aspected to below more familiarity with at least one of these theoretical positions before entrolling in the course.

The remaider of the seasons will be spent in exploring the importance of some new verts for theories of development. He was a superior of the season of some new verts for theories of development will be selected by untual spreament. I would be more interested in: Tom Bouer's new book on infancy, Bryant's Perception and Inderestanting in Young Children, Michael Cole's Culture and Thought, Plaget's Genetic Epistemology and Mental inagery in the Child. It would be dear with seasons with the season of the season of the course.

The class will meet once a week for three hours.

Enrollment limit: 12, with permission of the instructor.

LC 255 (SS 205)

BEHAVIOR CONTROL

Martha Teshtsoonian

See course description under SS 205.

LC 256 (SS 206) DOING RESEARCH IN THE BEHAVIORAL SCIENCES: THEORETICAL ISSUES AND PRACTICAL PROBLEMS

John Hornik, Michael Radetsky, and Michael Sutherland See course description under SS 206.

LC 257 (SS 209) VERBAL AND NONVERBAL DEMENSIONS OF COMMUNICATION

John Hornik and Janet Tallman

When todividuals interact "What is communicated" involves more than a timply "What is said." Awareness of this has led to the said of the

unst may be communicated within a particular dismension.

One kind of meaning often inferred is psychological closeness.

For example, the closer two individuals are to each other in physical space or the more regularly they use the description of the state of the

In our investigating we must first examine each dimension to discover if it is used to communicate psychological closeness, and than develop methods of identifying measuring that degree of closeness observed as were sent to the degree of closeness observed where the control of the communication of the

In answering the theoretical problems we want to undertoke we expect to run into difficulties along the way in determining how one could/should approach these questions, particularly since our research backgrounds as social anthropologist and experimental social psychologist are quite different. Thus the discussion of methods will be a second, important focus of the course.

The format of the course will be a mixture of informal lactures and discussions. We expect you to be involved in thinking and reading about theoretical and methodological lasues raised in the course and in doing research coward their solution, individual and group projects can be negotiated, but are quited for participation in the course of the cours

Enrollment limit: 30, with permission of an instructor. FIVE-COLLEGE STUDENTS WORKING PRIMARILY WITH MS. TALLMAN WILL NOT RECEIVE GRADES.

# SCHOOL OF NATURAL SCIENCE CURRICULUM STATEMENT

Why is the School of Natural Science different from all other Schoole?

Because we have to try harder. Comparatively few Hampshire students enter with a strong interest in the natural sciences. We accept this from the start and state at the outset that our prizary efforts will not be aimed at serving the professionals, but at trying to interest and instruct the najority of students whose past experiences with science courses have been gither boring or frightening.

We have spent a lot of rime and effort recruiting faculty who agree with this philosophy and who are capable of carrying it out in addition, many of our student's tender courses which are out inspiration part of out to. I no addition, we have an advising find and to out to. In addition, we have an Advising course with the course with the course with the course when the course with the course when the course we have an advising out to the course of the Stence Building. Please look over our course offerings carefully and if you atill can't find anything you like, come talk to us.

2. Because we have core courses and mini-courses, as well as regular courses. A mini-course is a course that lasts less than a full seementer. For example, Maggie willow's Permai Living and Fonsil, and Allan Exes's Dean University of Orest Extended the Course that last one morphism of Orest Extended the Course that last one morphism of the Course that course that course that course that course that course that course the course of t

A core course is a series of incurse or discussions around which several related courses. Cluster: For example, Advanced Topics is several related courses. Cluster: For example, Advanced Topics is several related courses. Cluster: For example, advanced Topics is several related to the several related in Several Cluster: Topics are several related to a core. Several related to a core several related to a core courses you'd like to take, please several related to a core of the related to a core, you will be expected to a core of the related to a core, you will be expected to a cated the core as well.

Because we do not have any pro-registration. If you want to try out a course, plasse feel free to try it out. Or try out several. In addition, we try to have open enrollment (an itsits on the numbers of students in a class) as such as possible as you don't have to werry shout getting your masse in quickly.

(There may be an occasional course with limited enrollsent; it will be clearly marked.) At the end of the drop-sed period, you can register in any owner you want to stay in by signing the list the instructor passes around.

The divisional level of courses can be easily distinguished by whether they carry a course number in the 100 or 200 range. Division III Integrative Seminars will be found lighted classwhere in the catalog.

P.S. Unless clearly stated otherwise, our courses will offer grades for Five-College students.

### SCHOOL OF NATURAL SCIENCE

ASTRONOMY	
EXTRATERRESTRIAL INTELLICENCE NS 132	O'Leary
COSMOLOGY (Div. II) ASTFC 20 (5-College)	Greenstein at Mt. Holyoke
INTRODUCTION TO ASTRONOMY & ASTROPHYSICS ASTFC 23 (5-College, Div. 1/II)	Harrison at U.Mass.
TECHNIQUES OF RADIO ASTRONOMY (Div. II) ASTRC 38 (5-College)	Huguenin at U. Mass.
ASTROPHYSICS II (Div. II) ASTPC 44 (5-College)	Van Blerkom at U. Mass
CHEHISTRY	•
CHEMICAL REACTION MECHANISMS NS 111/211	Gay
ADVANCED ORGANIC CHEMISTRY NS 201	Lowry
PHYSICAL CHEMISTRY NS 274	Cay
GEOLOGY	
HETEOROLOGY, OCEANOGRAPHY NS 107	Reid
VOLCANOLOGY	Reid
NS 207	٧.
PHYS ICS	
NATURE LOVES TO HIDE NS 109	Smolin Krieckhaus
THE NATURE OF LIGHT AND SOUND NS 112	Krass
BASIC PHYSICS: QUANTUM MECHANICS FOR THE HIL NS 135/235	LION Bernstein
MATHEMATICAL PHYSICS AND VECTOR MECHANICS NS 208	Bernstein, Hoffman
MATHEMATICS	

D. Goldberg

Kelly

Kelly, By Goldberg Kelly

SEMINAR IN NUMBER THEORY NS 171

CALCULUS WORKSHOP NS 128/228

THE WORLD OF MATHEMATICS PROGRAM NS 123/223

ANALYSIS THROUGH THE ACES (HISTORY OF CALCULUS

#### Spring Torm Course Cuide 1975

Spring Term Course Guide 1975	
LIFE SCHENCES	
(ANIMAL BEHAVIOR)	
PRACTICAL ANIMAL BEHAVIOR & TRAINING NS 115	Hammann
DISSECTING ANIMAL BERAVIOR NS 215	Egan, Cuppinger
(BOTANY)	
BOTANICAL ASPECTS OF HORTICULTURE NS 193	Wilcox, M.
BOTANY "500" NS 192	Zimmerman
PERNS, LIVING AND FOSSIL NS 206 (MINICOURSE)	Wilcox, M.
(CABAL-related)	
CABAL PROGRAM NS 190/290	Woodhull, Ann
MICROBES AND HAN NS 196 (MINICOURSE)	Oyevole
TOPICS IN PHOTOSYNTHESIS AND NITROGEN FIXATION NS 209	Foster
MICROORGANISMS AND THEIR ENVIRONMENT NS 296 (MINICOURSE)	Oyewole
EMBRYOLOGY (THE DEVELOPMENT OF DEVELOPMENT) NS 292 (MINICOURSE)	Goldhor, Gross Woodhull
EMBRYOLOGY (METAMORPHOSIS & REGENERATION) NS 293 (MINICOURSE)	Goldhor, Segil, Tanner, Woodhull
ENZYMES: UNITS OF BIOCHEMICAL FUNCTION NS 297 (2 MINICOURSES)	Foster
HEUROPHYSIOLOGY LAB HS 242	Bruno, Woodhull Levenson, Walker
ANIMAL PHYSIOLOGY NS 225 (2 MINICOURSES)	Woodhull, Al
(Environmental Quality)	
ENVIRONMENTAL QUALITY PROGRAM	Wilcox, Zimmerman
RCOLOGY NS 113/213	Coppinger, Wilcox
HONTAGUE NUCLEAR PLANT: A COMMUNITY ANALYSIS NS 199/299	Wilcox, Coppinger
PORESTRY DESIGN SEMINAR NS 189/289	Harria, Coppinge Hoener
WORKSHOP IN TECHNOLOGY ASSESSMENT NS 221	Krass
ENVIRONMENT: SENSE AND SENSITIVITY NS 202 (SS 212)	Lutts, Stophenson
(Other courses in Life Sciences) ~ )	Slakey, Westhead
A BARREDOT RUN THROUGH BIOCHEMISTRY NS 121	-
BIOLOGICAL AND CULTURAL BASES OF SEX DIFFERE NS 153 (see <u>SS 111</u> )	Farnham
A CLINICAL LABORATORY SAMPLER NS 163	Woodhull, Al
COMPARATIVE NEUROPHENOMENOLOGY: BRAIN, NS 145/245 NICHE AND CONSCIOUSNESS	Krieckhaus
PUBLIC HEALTH IN DEVELOPING COUNTRIES NS 265 (HINICOURSE)	Oyewole
HOMOSEXUALITY AND THE SCIENCES NS 277 (SS 210) (MINICOURSE)	Gross '
SEPARATE COURSES IN SCIENCE AND SOCIETY	ì
SEPARATE COURSES IN SURFERING OF	

# IC REVOLUTION AND THE MAKING OF Gross, Frankel

NS 185/285 (SS 116/216) HODERN REALITY	
TWO SCIENTIFIC REVOLUTIONS NS 239	Krieckh
SELECTED TOPICS IN SCIENCE AND SOCIETY NS 187/ (SS 115)	lvory
MODELS OF SCIENCE IN CULTURE	lvory

#### SEPARATE COURSES IN SCIENCE EDUCATION

UNDERSTANDING SCIENCE	
NS 125 (ES 11)	
THE OPEN UNIVERSITY OF GREAT BRITAIN	Krass
NS 114 (ES 111)	
ELEMENTARY SCHOOL SCIENCE WORKSHOP	Bruno
NS 122/222 (ES 112/212)	
THE PREPARATION OF A SCIENTIFIC MANUSCRIPT	Slakey
NS 220	

### EXTRATERRESTRIAL INTELLIGENCE

#### Brian O'Leary

The subject of extracerestrial intelligence has fascinated mankind for ages. We are at last close to the time when extra-terrestrial content and the second content and the second content and the second content would see the season to receive theirs? Our secret will lead us to content would see the season to receive theirs? Our secret will lead us to content would see the second content with the second content and the second content and the second content and the length of time planets are may be suited as abodes of the formation and evolution of the solar system, and type we will consider possible implications of the content and time the second content and time to second content and time to second content and time to second content and the second c

Class will meet on HW 1-2:30.

NS 132

### FIVE-COLLEGE ASTRONOMY COURSES

ASTEC 20 COSHOLOGY

The course will examine the origin, evolution, and structure of the universe. The treatment assumes no background in astronomy, but does require the mathematical sophistication equivalent to a year of calculus. Two 90-minute lectures per week. Prof. George S. Greenstein at Nouri Biolyake.

### ASTFC 23 INTRODUCTION TO ASTRONOMY AND ASTROPHYSICS Div.I/II

For astronous LUM IN ASTRONOUS AND ASTROPHISCS DAV. ITI
For astronous wal jore or others interceased in a nunnitative introductory course. Variable and employing stars, pulsars X-ray
more astronous and common pulsars of the star of

### TECHNIQUES OF RADIO ASTRONOMY

An introduction to radio astronomy with emphasis on practical cechniques. The Five-College Radio Astronomy Observatory at the Quabbin Reservoir will be used to observe pulsars and other radio sourcements. Two 90-inture lectures per veek plus observing measurements. Two 90-inture lectures per veek plus observing crossportion) and astronomy.

Prof. G.R. Huguenin at UMass.

ASTFC 44 ASTROPHYSICS II

Continuation of ASTPC 43. Quantum processes (stellar opacity, neutrino astrophysics), stellar structure, radiation transfer, the interstellar medium, and cosmology. Two 90-minute lectures per week. Requisite: ASTPC 43.
Prof. D.J. Van Bierkom at CMass.

#### NS 111/211 CHEMICAL REACTION MECHANISMS

Now chemical reactions occur is mong one of the most important goals of modern chemistry. This is eastly seen in the boat of industrial applications of chemistry. Special suphasis will be placed on the commission of inorganic reactions especially those reactions of systems of biological importance. Lab work required. Where I-hour sessions per week plus lab.



#### ADVANCED ORGANIC CHEMISTRY (2nd Semester Organic) NS 201

This course is a continuation of lat semester organic chemistry.

Any student with a previous semester of organic chemistry (set)
mecasarily at Hampshire) may served! In course indicated hours
an independent study, but students must have the course
free. Taxt: Nortison & boyl, Organic Chemistry, 3rd edition.

Class will meet on HW 10-12.

#### PHYSICAL CHEMISTRY

### David Gay

This course deals with the physical principles underlying chemical reactions and reactivity. The subject matter may be broken down into the following very broad headings: structure, equities, the cities, and energetics. These topic will be treated through the use of examples from the technological application of easily perceived importance and relevance. Some parties charges are: the thermodynamics of reacher propulsion systems, rechartels; energy problems; fusion, fission, fuel calls, solar calls, atc.; corrosion problems, etc.

Laboratory work will be emphasized; bias will be on the applica-tion of these principles to chemical analysis; students will be encouraged to use computer techniques in analysing their data and as a general aid in problem solving; computer similation of chemical processes will be used to gain insight into the princi-ples involved therein. Two 15 hour sectings per week plus lab work.

# HETEOROLOGY, OCEANOGRAPHY

### John Reid

The course will look at weather and optical phenomena in the atmosphere (morthern lights, haloes, sunsets, etc.) particularly
those experienced in New Buland. In late spring, with the help
of Yony Fratt, a Dr. I'll student in occanography, we will look
at moon aspects of occanography, particularly processes which
shape coastlines.

Class will meet MSF 9-10:30.

NS 107

#### NS 207

John Reid

John Reid

The course will investigate volcances from the point of view that they represent the surface expression of processes within the earth by which the more easily melted pyrtions of the sarth's interior are flushed upwrafes to become parts of the earth's truet; hence volcances are the key to an understanding of the ways the crue the contract of the contract of an understanding of the ways the crue and "refine" itself cheatcally contract the contract of the contract power and some time will be spent looking at this possibility. Basic chemistry and purrology are essential. We'll develop what else we need. A research project on some chemical or petrological problem in volcanding ye'll constitute the built of the student participation.

Class will meet MW 1-3.

#### NATURE LOVES TO HIDE uc 100

Lee Smolin\*\* and E. Krieckhaus

In the search to understand the general laws underlying the spectages of nature ophysicists in the twentieth century have been send to alter radically their conception of the nature of popular ordi. As someone said, the world is not only stranger than you might have imagined, it is far stranger than you might have imagined, it is far stranger than you capild ever have imagined. If, however, this quest has been difficult, it has been largely successful, and physicists can now claim to understand the principles by "y". ha nature operators from the commological scale down to the interior of the atomic nucleus. And these principles, if strange at first are quite beautiful and profound.

and profound.

The purpose of this course is to acquaint students with the arioticles and reportant ideas of modern physics, in a way that controlled and reportant ideas of modern physics, in a way that provides have been appeared to the profession of relativity, when the profession of the professio

What are things ultimately composed to the cogener?

How does a star work? Where does nuclear energy come from?
How old is the universe, how big is it, and what lies beyond it?

By our can't go faster than the speed of light?

Why is the sky blue?

What is strangeness?

\*Heraclitus. \*\*Lee Smolin is a Division III student.

#### THE NATURE OF LIGHT AND SOUND NS 112

Allan Kress

This course will provide an intensive introduction to the funmemorial properties of light and mound. It is intended for nonphysicists so the treatment will use only high school level
methematics - i.o. algoing and triggound the says in which light and triggound the says in which light statement of the same of th

The theoretical ideas developed in the lectures will be applied in one or more experimental projects agreed upon by the student and instructor. Two li hour lectures per week.

### PHYSICS SEQUENCE:

A series of rigorous physics courses to offered. Students interested in pursuing this sequence should glan chair progress accordingly. The first course is an extended in pursuing this sequence should glan chair progress accordingly. The first course is allow incoming students time to according to the course of the course o

#### BASIC PHYSICS: QUANTUM MECHANICS FOR THE MILLION NS 135/235

#### Herb Bernstein

Intia is Non first term in a revolutionary sequence of three ele-mentary physics courses. The central concepts of quantum mechan-ics, in full mathematical glory, are exposed. Nevertheless, the mote useful mathematical ideas are complex arithmetic, wector spaces and linear algebra, and calculus up to elementary differ-ential equations. Students entering the physics sequence are expected to have contacted those ideas, either in the Calculus Workshop or in independent study.

The class will meat two hours twice a week, and two hours once a week for a math section. Offered spring term only.

# MATHEMATICAL TESICS AND VECTOR MECHANICS

#### erb Bernstein & Ken Hoffman

This course will explore the creative interplay between the theories rice of mechanics and the mathematics by which these theories are expressed and analysed. Topics to be covered to the paces and linear transformations, since the covered opening of the paces and linear transformations, and relativistic mechanics, milbert processed and the processed and interplay of the paces of the paces and interplay of the paces of the paces and and discussed through the problems of mechanics which give rise to them.

The curren is designed for two general categortes of students:

(1) It serves physics students as the third course in the physics sequence; (2) it serves anthematics students as a next course siter calculus, in which they can see tools of mathematical sanalysis developed in an applied setting.

The course meets warm? = 100.10. The nature class and both instructors will meet during the Monday and Wohneday seastions. The Thursday seasion will ag further into the physics, which is bore facially seasion will go further into the physics, which is more detail. Students are expected to attend either the Thursday or Priday seasions (or both).

Text: Lectures in Mathematical Physics, Vol. I by Robert Hermann.

NS 171

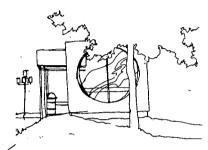
SEMINAR IN NUMBER THEORY

Don Goldberg

e theory of numbers is concerned with the alluringly simple The theory of numbers 12 control list:
1, 2, 3, 4, 5, 6, 7, 8 ... and so on.

These so-called natural numbers have been the study of most of the great (and not-to-great) eatherstictions from the ancient Greeks (soom of whom believed that "Number is everything") through the awakening of modern mathematics in the seventeenth century (when Pierre de Fermat stated-but failed to prove-his "last Theorem" which remains unproven today) through the attention of mathematics and the motorial provential and the state of the state o

After a few weeks of introduction to the language and methods of elementary number theory (congruences, mathematical induction, printed and the computer). The forest of the course will be as some of the course will be as copic or paper by the instructor or one of the students; the other class meeting each week will see a presentation of other copic or paper by the instructor or one of the students; the other class meeting will be devoted to a discussion of our work on the many accessible, interesting, and challenging problems that will be distributed.



HS 123/223

THE WORLD OF MATHEMATICS

neut/ Kelly, Don Goldberg

Students may expect to encounter problems in mathematics and mathematisation in a wide range of studies. Rampehire's mathematical community provides short- and long-range support to many of the College's courses and programs and creates an atmosphere in which mathematics is done, shared, and emjoyed.

Course number HS 122 is offered as a convenience to students wishing to formulias commitment to mathematical activity withing to formulias a commitment to mathematical activity a wild withing a status. The instruct of that activity is subject to during a status. Many of the activities of the program are extended to the activities of the program are extended to the activities are identified. The Nath Room (CSC 125) bullatin board with provides number of the status of current mathematical activities are jumped to the principle of the provider in the control of the status of the provider in the control of the status of the stat

# The Book Seminars:

Hany important mathematical subjects lend themselves to semi-independent study. The following format has been successfully tried: in consultation with each other and a staff smedber, mas-study groups (about five students) select a text for joint stud-set a syllabus, and meet together regularly both with and with-out the inatructor. The following topics may be handled effi-ciently in a book seminar:

Topics in the History of Mathematics Topics in the Foundations of Mathematics Topics is Applied Mathematics Probability Differential Equations Lionar Algebra Advanced Calculus Rumber Theory

#### The Prime Time Theorems:

Prime Time has been set for 4:17 each Thursday, when a visitor, student or faculty member makes a brief self-contained mathematical presentation.

Independent and small group studies in the World of Mathematics will, we hope, involve students in:

- planning, preparation, and presentation of support matericals for courses, special lectures, etc.

- devising and testing instructional projects

- working on the Namephitra College Summer Studies in Mathematics

- teaching and turoring at Rampshire and elsewhere in the World of Mathematics.

RS 128/228

CALCULUS WORKSHOP David Kelly

Offered each term, the lactures, classes, and problem seminars of the Calculus Workshop are designed to serve a v:isty of ose and to accommodate students with a wide range of backgrounds. For some, the techniques of the calculus will provide a power tool for investigations in the actions of bother will be accommodated to the conceptual development. Other will be expect provide a working knowledge of the calculus to one semester.

The Calculus Problem Seminare will enlist the assistance pertended math students to help calculus students acquire fictency with tools of the subject. The course will meet hours per week.

WS 213

١,٠

ANALYSIS THROUGH THE AGRS (A HISTORY OF THE CALCULUS)

David Kelly

We'll figure out my Newton and laibniz are credited with the discovery of the calculus when their predecessors (Archimedes, Engler, Calline, Fermel; Oculd integrate and differentiate; we'll survey the unreasonably effective accomplishments of the scuberant lish century (Disc). Lagrange, the Bernoullie); we'll sympathize with the struggle toward a sound foundation (D'Alem-bert, Fourier, Bolzano, Caschy); and we'll revel in the testing of infinity (Weierstrass, Riemann, Dedekind, Cantor).

Participents are expected to have seen some calculus, to come to appreciate the hard-won concepts of functionality, limit, at continuity (which will force us to learn some Fourier series), and to do lots of reading, some problems, and a paper.

miner and one two-hour problem-and-project meeting

NS 115 PRACTICAL ANDMAL BEHAVIOR & TRAINING

Charles Hammann

Theory and practice in the training of amenable non-domestic animals. Actual practice will be confiand to corvide and smaller rodent types. Discussion and observation will be used for a large variety of other species as primates, wild canids, large cate, anakes, etc.

Emphasis will be placed on developing reasonable procedures and rechniques based on animals' 'natural' behavior rather than presenting a single dogmatic methodology.

Class will meet MVF mornings.

DISSECTING ANIMAL BEHAVIOR NS 215

Jane Egan & Ray Coppinger

This course has a dual aim: first it vill attempt to develop a critical approach to behavior, and to teach the basic skills in its analysis (i.e. complete bindwarfors such as aggression and return and the such as a second to the second to t

There will be two 1½ hour meetings weekly. One will be a lecture followed by discussion, the other will be conducted as a seminar with discussions besed on the week's reading, and on research done by individuals in the class.

All students will be actively encouraged to engage in their own research, and lab sessions will be held regularly.

BOTANICAL ASPECTS OF HORTICULTURE NS 193

Maggie Wilcox

Bortfculture concerns the science of growing plants, most com-monly ornamental and flowering plants. Boranically it involves the growth and reproduction in plants. Boranically it involves addresed sight be: Botton of the plants of the plants to be con-sidered sight be: Botton of the plants of all two and not considered sight be: Botton of the plants of all two and not considered sight of the plants of the plants of the plants of the propagate without flowers of thy greenhouses' that problems with insects and disease are involved in growing plants and what possibilities are there for overcoming these problems? Can we really afford to grow ornamentals?

Working with plants can be pleasant, therapeutic, localy, hard fun, impurational, thrifty, meany, artistic, profitable, imprac-tical, scientific or none of the above.

This course will be composed of lectures, discussions, and green house-type projects. Class will meet on T,Th mornings (we will give additional sections if enrollment is large).

BOTANY "500"

Michael Zimer

Clearly this course will force us to spend some of the spring enjoying the woods. It will start out with an exclosion approach to reproduction, examined the start out with an exclosion and extraction of the start out with the start out of the start of

Class will meet T Th mornings 1% hours, and Wednesday aftern from 1-4. No grades will be given (for 5-college students).

NS 206 FERNS, LIVING AND FOSSIL (Minicourse)

Maggie Wilcox

Forms can be studied from a texpocentic, evolutionary, ecological or anatomical point of view. The location of Hempshire College makes it easy to include these possibilities in this microomes. An additional field trip to southeast New York State should pro-vide some tireshand looks at fouril fermi.

Class will meet Thursday afternoon from 1-4, for one month from April 3 - 24.

NS 190/290

CABAL PROGRAM

Ann Woodhull

ca·bal (ka bal') n., l. A conspiratorial group of plotters or intriguars. 2. A private intrigue of a sinister character.

CABAL is a core or conspiracy of the students and faculty from the courses and minicourses listed below.

the COMENNE AND SINCOURSES INSECTION OF USE.

A published in the last year or so in samy areas of biology. Since these findings are so recent, it is sometimes hard to tall which of them will turn out to be of historic alignificance and which are trivial, or perhaps uncruse. Each week, a well-prepared parent of students and faculty will try to set one paper in perspective and will argue its significance. All students and faculty will read the papers and say join in the discussion. Eachground readings will be available for those who need them.

Notes on registration: Students can registre either for indivi-dual courses and minicourses or for the CABAL core (if you don't know what course you want). At an initial meeting of the core, faculty will describe their courses for students who have not yet chosen.

Students in all the CABAL courses are expected to attend the core (Thursdays, 10:30).

MS 196 Minicourse lat 6 wks

HTCRORRS AND MAN

Saumdra Oyewole

This course is designed to give students an appreciation of the ubiquity and variety of microorganisms. Emphasis will be placed on the dynamics of unicellular growth. Students should gat a feel for the assential cellular and blochemical aspects of life.

In the laboratory students will study the microflors of various ecological niches of their own choice - be it the human body or the local sever. During the course of the investigation students will learn besic techniques in culturing and identifying microorganisms.

No special background is necessary. Class will meet twice a week (1 hour lecture and 3 hours of lab).

TOPICS IN PHOTOSYNTHESIS AND NITROGEN FIXATION NS 209

While on subbatical I became involved in two projects, which I hope to continue with the help of some Div. II and III students:

Photosynthetic energy production by green bacteria

Photosynthetic energy production by green bacteria
Chlorobhum is genue of green bacteria which are unseroble.

Chlorobhum is genue of green bacteria which are unseroble.

Chlorobhum is genue of green bacteria chicagraphs show

the calls have small back, or vasicles, close under the cell

tembrane, and there is evidence that their chlorophyll is loca
ded there. If so chlorobhum cay be an interesting evolutionary

link between other photosynthetic bacteria, where photosynthetic

cocurs in specialized content of the property of the cocurs in specialized the content of the casteria, where

it occurs in specialized isolate the vasicles from chlorobhum, is

to establish conditions where active photosynthetic energy pro
duction (ATP formation) can occur and these explore the blochesia
al function of the vasicles in some destail. There is also little

known about the ecology of these bacteria, why are they photosyn
thetic, if their coreal balance does not natrogen-fixing ability

play in the ecology of the pond? These questions will be explored

in the field and in the laboratory (principally in the Biochemia-

Water and nitrogen cycles in evergreen forests

Water and nitrogen cycles in evergreen torests. The soil in configence (corporate the soil to configence) forests tends to be nitrogenproced. It is now known in the case of Douglas firs that lichens,
growing on the branches high above the forest floor, fix substantial quantities of nitrogen, perhaps enough to meet the needs
of the tree. What form is the nitrogen made available in? Now
does it get into the tree, by direct optate or by washing to the
forest floor during the rainy season! What happens in the summet
then it seldom trains but fog is company his to the tree to
in the corporate of the company of the control of the control
into the draft Those are all questions amenable to experiment,
involving field work to righ the trees and collect samples and
lab work to do the necessary snalyses.

Both projects should afford numerous opportunities to develop Div. III.projects.



NS 296 MICROORGANISHS AND THEIR ENVIRONMENT (Minicourse) 2nd 6 weeks Saundra

The relationships, both beneficial and harmful, between micro-organisms and their environment will be featured in these dis-cussions. Industrial applications and implications will be dis-cussed; for example, problems of contemination in the caming industry, problems of quality control, and the role of micro-organisms in the production of various foods will be considered.

No formal lab will be offered, but any atudents interested in independent projects will be welcomed. No special background necessary. Class will maet two cimes per week for 14 hours. D I atudents are velcome.

ADVANCED TOPICS IN EMBRYOLOGY

BACKGROUND AND HISTORY: MS 292 (Minicou scourse) THE DEVELOPMENT OF COLUMN 16 WKs.
Susan Goldhor, Mike Gross & Al Woodhull

Susan Coldor, title Gross 6 Al Woodmil An intensive module of readings from texts and review articles. The sim is to provide a context for the following module, but also to give a succinct history of the field to those interestable. Previous experience in biology is required. We will attempt to understand what is happening to the organizes in the course of development, and also to comprehend the points of the course in the interest observing the same in hope to discuss are the number of the course of

NS 293 MSTANDRIPHOSIS AND REGENERATION (Minicourse)
2nd 6 wks. Summ Color Susan Goldhor, Neil Segil? Ellen Tanner Al Woodhull

In last year's mabryology course, we spent most of our time on early events in development. In this module or will read resear papers, talk with workers in the field, in an attempt to understand two of the more dramatic and pureling later events of amphibian development: metamorphodic and limb regeneration. This module will be a true meminar in which the teachers as well as module Will be a title seminal and meaning the refere, everyone's contributions will be equally valuable. Either the first module or the equivalent of a previous course in embryology are sug-gested as suitable preparation for this module. Div. II (or sea

Neil Segil and Ellen Tanner are Hampshire students.

ENZYMES, UNITS OF BIOCHEMICAL FUNCTION

John Foster

Nearly all chemical changes in living material result from the activity of entymes. What is an entyme? How does it function? What does one look like and how do you measure it? Thin 2-minicourse sequence will take a look at various aspects of entymos and entymology. Each minicourse will be more or less self-contained, so that it will not be essential to take the first to understand the second (but it would certainly be easier). The minicourses will be laboratory-based.

Entymon as Cotalysts (let 6 v/ss.); An enryme maked itself known to the nosy blochemist by the reaction it catalyses. Thus the starting point in any entyme study is a good seasy. This cinicourse will focus on techniques of enryme assay and the nature of enryme catalysts. Using the assay one can then look at some of the properties of the enryme (tak kinetics, inhibition, binding constants, response to environmental factors, etc.) without actually seeing the enryme itself.

Encruses as Proteins (2nd 6 wks.): An opportunity to purify your favorite enzyme from some suitable source, so that (with some tuck) you can take a look at it. As enzyme over their meat properties to the fact that they are proteins, isolating them reparties to the fact that they are proteins, isolating them respecting the properties of the fact that they are not to the fact that they are proteins, isolating them respecting the properties of the proteins of t

In addition to clay poperties of enzymes themselves we will also take a look at pay enzyme systems are organized. What organization is intrinsic to enzymes themselves and what require structural organization as well? What factors control enzyme reactions in cells? Now does stuff get in and out and shipped around? Div. II (or see instructor). Class will neet one afternoon and one evening per week, plus conference time.

NS 242

NEUROPHYSIOLOGY LAB

Merle Bruno, Ann Woodbull, Corey Levenson, Betsy Walker \*

An instantive course in the research techniques used to study and research and review systems. It will consist of lab rock, residing and lectures. Students will put together their own recording set-ups, and will test and become familiar with them by repeating experiments which are in the literature. They will then begin to formulate and work on questions that they themselves propose.

We will record action potentials and symaptic potentials from nerves, muscles and brains of crayfish frogs and perhaps some other anthais (and plants). These will be apportunities both learn several preparations and to stick with one long enough a do an original investigation.

Div. II (interested Div. I students should see an instructor). Class will meet HW or T Th afternoons plus I morning per week. \*Corey Levenson and Betsy Walker are Hampshire students.

NS 225. ANIMAL PHYSIOLOGY (Minicourses) lat & 2nd Al Woodhull

Taken together, the two short courses described below will be assivalent to a course in general described below will be assivalent to a course in general described below the service of t

Animals as Hodel humans (lat 6 weeks): This module will deal with what is often called "general" physiology-we will look at ways in which wary different animals can be used for experimental illustration of principles common to most animals.

Animals as Adapted Organisms (2nd 6 weeks): In this baif of the Course we will look at differences between animals that reflect adaptations to special environmental conditions, the subject matter of "comparative" physiology.

#### ENVIRONMENTAL QUALITY PROGRAM

Louis V. Wilcox, Jr., Director Michael Zimmerman, Assistant

Michael Zimmarman, Assistant
The aims of the Sewitonemetal Quality Progress at Bempehire are
to produce a citissery that is inoviledgeable concerning the
biophysical, social and aesthetic problems in our environment,
and to be able to develop solutions to these problems. To accomplish this goal, the progress is oriented around environmental
projects with supporting courses offered by the schools and
the supporting courses of support and to select a project that interacts them. Students are encouraged
to select courses, do independent work, and/or present contents
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Following are lists of projects, courses, and potential resource people involved in (or related to) the Environmental Quality Program this spring.

ECOLOGY

Ray Coppinger, Lou Wilcox

A) Lectures-Required by all students in the course. There will be ten lectures from the personal research of R.F. Coppinger and L.V. Wilcox Jr. in the field of ecology. They will be structured in such a way that when associated with readings will given student the best fundamentals of ecology. 15 hrs. www. (Med.,

B) Lecture-Howie Series-Required by all students in the course There will be ten lectures of movie with an environmental them 1 hr./wk.(Tue., 7:30.)

C) Field Trips--Required by all students in the course. There will be ten field trips which will be illustrative of the material presented in class. 3 hrs/wk.

Lou Wilcox, Ray Coppinger

This community is search out the many facets of the impact of the proposed twio nuclear plants at Montague. The method of study will no a great extent be a systems analysis approach, taking into full account all impact studies already completed to the search of account all impact studies already completed by the search of the search of the search of the search of the that exist in the present knowledge of the proposed plants.

This course is intended for students in all four schools at Hampshire. We hope this will by an interdisciplinary examination of the phenomenon of nuclear plants at Montague. (Mon., 10:30)

NS 189/289 FORESTRY DESIGN SEMINAR: AN ANALYSIS OF NATURAL BEAUTY

Channing Harris\*
(supervisors: Ray Coppinger, Art Hoener)

"We can never have enough of nature."
Thoreau, <u>Walden</u>

What are the asythetic values of forcests? What functions of a forest dataruine its forms, colors, textures, odors, and sounds? Size do the forms of a forcest laply certain functions? If every could control natural processes how sight we change the resulting entriquence? Box could be design a beautiful forcest?

These are some of the concerns this class will deal with. Significantly, we will analyze differences between the meriats' and intenties' points of view. What are our alternatives of prespective? How can a scientific understanding add to our sesthetic reactions? How does our assences of heavily aid our perception of natural phenomena? Techniques of study will include ecologic manalysis, artistic expression and philosophic discussion. Class will mast trice weekly.

\*Channing Harris is a Hampshire College student.

NS 221 WORKSHOP IN TECHNOLOGY ASSESSMENT

Now can society reliably assess a new technology? Every new technology has serviromental, economic, social, political, legal, and cultural impacts on human beings. To what extent and by what methods can these impacts be anticipated and their costs and benufits computed?

This course will be an introduction to the philosophy and techniques of technology assessment. Techniques such as cost-benefit analysis, statistical analysis and econoust projection will be studied as well as the ways in which the social scientists and psychologists attack the problems of a technological

There will be two 13 hour sessions per wack.

NS 202 (SS: 312) ENVIRONMENT: SENSE AND SENSITIVITY

Ralph Lutte\*and Hark Stephenson\*

"Ethics must underlise the sevironmental movement if it is really to succeed in transforming man's thought and man's action. Conservation must become a matter of sweatlay, not marely a matter of accounts or of assistant or is of iss." (Moderick Mash)

Just what is the environment Are we receptive to the multitude of fascinating wents occurring around us each minute? We will examine these questions from a number of viewpoints: as ecologists, posts, but y Buropean explorers, traditional native peoples, and syntics. We will take part in several exercises to clerify and expand our normal perceptions.

This seminar is comesived to be a practical and motivational experience to provide a base for our search for new attitude as individuals we will be plournais of our daily experience as a group, we will examine and research the seclogical encodal remifications of our opinions, attitudes, bahavior, as life styles, and investigate alternatives to our present way life.

Class will meet twice weekly for two hours. Div. II (or see instructor, class will be limited to 20).

\*gaiph Lutte is a Naturalist in the Outdoors Program.
\*Mark Stephenson is a Div. III. student concentrating in
Environmental Studies. (Mark is principle organizer of
the course.)

OTHER COURSES RELATED TO ENVIRONMENTAL QUALITY PROGRAM: (See descriptions under other schools)

HA 145 THE MAKING AND UNDERSTANDING OF HUMAN ENVIRON APPROACHES TO DESIGN Juster and Pope

HA 201 THE AMERICAN LITERARY LANDSCAPE Devid Smith

HA 242 THE ENGLISH LITERARY LANDSCAPE: QUESTIONS OF SPACE AND ABSTRETIC IN ENGLISH LITERARY HISTORY

PROBLEMS IN ENVIRONMENTAL DESIGN
Juster and Pope

SS 113 BUILDINGS AND STREETS:
A STUDY IN THE SOCIAL HISTORY OF TECHNOLOGY HARY 1s Stone

THE BOSTON REGION Harris Stone

DIV. III INTEGRATIVE SEMINAR: HIMAN ENVIRONMENTS
Phil McKean, Maggie Wilcox

ENVIRONMENTAL RESOURCE PEOPLE:

Windowstral Resource People:

Well Burne. Elementary science education

Burne Carroll: Policy, politics, government

Ray Coppingor: Ecology, candid, natural history

Ed Green: Environmental law

John Bornik: Ecological psychology

Norton Juster & Rail Pope: Architocture and ecology

Allan Krass; Technology

John Bedi: Carlogy, hydrology

Bartic Stone: Urban studies

Witho Subtral Literature, history, ecology

Harric Stone: Urban studies

Witho Subtral Hand: Statistics, computers

Stam Varner: Economic

Stam Varner: Economic

History Controlled

History Control

SEPARATE COURSES IN LIFE SCIENCE

NS 121 A BAREPOOT BUN THROUGH BIOCHEMISTRY

L. Slakey, B. Westhead\*

Why do oral contraceptives have some harmful side effects? Why inn't there a good oral contraceptive for men yet? Now close are to controlling inherized characteristics at util! Yahat tappens at a molecular level in mental illness? What is pain! Why do placebos work? Com crash dicts or artificial foods do your body

There is a set of concepts developed by modern blochemical study which are at the base of understanding how science is approaching these issues which make significant changes in people's lives. This course will present particularly those concepts which deal with control in biological systems. The course has a twofold aim: 1) to work with the present explanations of control in biological systems, and 2) to discover what the resources are for the purson not trained in science to use in order to be able to third articulty about these issues, rather than be controlled by the display of technical expertise or the persuasions of mass media explanations.

The course format will be lecture and discussion, with laboratory work available as an option. This course is being raught in the Biochemistry Department at the University of Massachusetts.

Westhead is Professor of Biochemistry at the University to smachusetts.



BIOLOGICAL AND CULTURAL BASES OF SEX DIFFERENCES NS 153

N. Goddard, L. Farnham

purso description under Social Science 111.

At woodhull
The laboratory portion of the thman Biology I course allows a
student to learn how to do various tests of body function which
are of use in medical diagnosis. Interest the course have been of the course have been observed to learn the techniques independently.

Procedures one can learn include measuring blood pressure, recording an electrocardiogress, urinalysis, liver function tests,
blood typing, and many more.

This is not a course in the usual sense, and it can be done at the partially or completely, at whatever pace a tudent wants to set. The entire series of laboratories is equivalent coups one-month minicourse. Students should plan to one-month minicourse of the coupse of the or more persons. No gardes while making the property is the property of the coupse of the co

NS 145/245 COMPARATIVE NEUROPHENOMENOLOGY: BRAIN, NICHE AND CONSCIOUSNESS

An introduction to behavioral biology, neurobiology, biopsychology, neuropharmacology, neurophysiology, physiological psychology, etc.

Class will meet Monday and Wednesday afternoons. No grades will be given (for 5-college students).

NS 265 PUBLIC HEALTH IN DEVELOPING COUNTRIES (Minicourse).

In the United States, cancer and heart aliments are the major killers. This is not so in many countries where infectious diseases still pose a real problem. In this course will discuss basically microbial diseases of sim, such as malakis, and cholers, which still present major problems in our countries. We will concentrate on disease control, prevents and treatment. Some aspects of the mechanism of infection and treatment. Some aspects of the mechanism of infections the major mission of these diseases will also be discussed. The economics and sociology of disease control will also be examined.

This is a six week minicourse. Class will meet two times per week for 1½ hours.

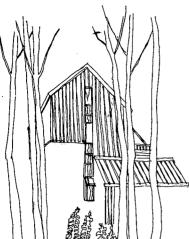
NS 277 (SS 210) HOMOSEXUALITY AND THE SCIENCES (Minicourse) 2nd 6 wks Mike Gross

This course will explore the origin and nature of actentific treatments of homosexuality. After discussing the excepted of homosexuality as a concern of scientists in the late nine-teenth century, we will turn to analyses of specific treatments of homosexuality from biological, psychological and sociological perspectives.

We will meet for about 1% hours, twice a week for lectures, discussion of common readings or reports. Occasional short essays or a journal will also be requested (and required for evaluation).

Open envolument (by permission of instructor). Open to students from the entire five-college community. Tues., Thu., 1-3 pm .

P



# SEPARATE COURSES IN SCIENCE AND SOCIETY

The two courses below on the scientific revolution will approach
.ic from different perspectives and with different methods: "Two
Scientific Revolutions" will be more directly be scientific to
the philosphical goots and suplication of the Nating of Modern
of Reality "The Scientific or a supplied on the Nating of Modern
of Reality "And Committed Committed approach, concentrating
on the National Committed Committed Committed Committed
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NS 185/285 THE SCIENTIFIC REVOLUTION AND (\$\$116/216) THE MAKING OF MODERN REALITY

Mike Gross, Gene Frankel\*

In the statement and seventeenth century, western society ex-ment or invented such notions as the helicoentric universe; savelyty the separation of said and body; the separation of said and body; the separation of said and body; the said said of the said of

The first haif of this course will examine how scientists such as Copernicus, Galileo, Becon, Descartes, and Newton developed Liesa ideas. The second half will seek cultural and social sources for these developments in science.

No previous work in science is necessary. Participation of me of the five-college community is velcomed. The class will me on afternoon or evening a week to discuss common readings. A five short interpretive energy will be assigned, (Division students will be encouraged to undertake independent projects students will be encouraged to undertake independent projects

\*Gene Prankel teaches courses in history of science, science and society, and physics at Trinity College, Hartford.

TWO SCIENTIFIC REVOLUTIONS

E. Kriecki

This course will be a detailed philosophical, linguistic, phen-nological, logical, and experimental examination of the Greek and modern "extentific revolutions." No gradeu will be given (for 5-college students).

NS 187 (SS 115) SELECTED TOPICS IN SCIENCE AND SOCIETY

Ning Ivory

An introduction to the methods of the historian/sociologist of science. The course will not include lectures, rather it is a "workshop" or "ficishore"; type course. Students can work on one or all of the projects, and will hopefully be able to easily develop exame from their work.

Science and Education: Historical Methods (first third of samusics): Students will dig into suchivel saterial of "Second Students will dig into suchivel saterial of "Second Students will dig into suchivel saterial of "Second Students will be such as the sate of the such as the sate of the sate of the sate of the sate on the sate of the sate

Science and Society. Sociological healthds (second third of semester): Etherias will describe "propose circumstances" Etherias will describe "propose circumstances" from popular discrements hidden in the brond popular descriptions of greatest actements hidden in the brond popular descriptions of greatest actements and the second popular descriptions of great actements and deep in the second program that would attempt to writtlation develop research programs that would attempt to

Science and Literature: Literary - Critical Nethods (chird third of numerors): Students will bely develop a course, lacture series, interachool cooperation or whetherwoon around the "image of science and scientists in the arts". We will access to freewant issues by looking at, for example: Nethods cate the relevant issues by looking at, for example: Nethods of the Control of the Nethods of the Control of the Nethods of the

NS 288 (SS 211) MODELS OF SCIENCE IN CULTURE

Ming Ivory

nsider the following explanations of acience-society relations:

SCIENCE

TECHNOLOGY

An Intellectual product A consumer of acteace A group of poor amunifactured by pure scienties working in bardware in order to rechnology and, labe according to a morthod which eliminates accomplish purposes under the department of the poor in the present prejudice

SCIENT

TECHNOLOGY

A group of people A method for fulfilling with needs those needs

vith needs these needs the control of the control o

The course will commiss these and other "models" of the science-society relation, ones that are explicit in the writings of social theorists will be a social theorists of the science of the constructions that will discuss models amanating from three consensor contentions: Historical (models of the science-society relation in other times and places), Socio-political (models of science policy and sociology), and literary (models from fiction, social criticism and psychology).

Class will meet MAF il am.

SEPARATE COURSES IN SCIENCE EDUCATION

NS 125 (ES 110) UNDERSTANDING SCIENCE

Nancy Lowry

.

This course will be independent study in science workshops and packages.

We will develop self-study units on elementary chemical and acientific principles and observations atmed at youngsters, college chemistry students, college non-science atudents, and people out and around in the world with little or no science background. In conjunction with this work we will carry out a sound unit alteady planned by the instructor and local teachers.

Students should see instructor to enroll in this course; carol-lment will be limited to twelve.

NS 114 (ES 111) THE OPEN UNIVERSITY OF GREAT BRITAIN (Minicourse)

The Open University in Great Britain produces courses in all acceledate disciplines and these are taken either for degree cededtor for pure enjoyment by students all over Great Britain. The only entrance requirement is that the student be over 21 years of age. The students over at these in that? See except for a one-week temment of the students of the students and calk with the faculty who prepared the course.

The teaching methods are multi-media, using printed caterial, tape cassettes, radio and television broadcasts and personalised instruction by tutors

This course will give critique of its effe couss in Great Britain as well as its possible adaptation . the U.S.A.

Class will meet twice a week for 15 hours.

NS 122/222 (ES 112/212)

Herle Bruno

During the past 15 years, national interest in space, the en-vircoment and industry has resulted in the development of many materials for "esaching science" to elementary achool children. At first, the atimulus for these programs was a daire to de-valop a generation of scientists. Eventually, interested teachers found that some exciting things happened when children had a chance to deal with the contradictions and complexities of real nvents brought to the classroom by some science materials. This had on influence on the present direction of some science tur-

Students in this course will participate in workshops which introduce science materiels developed by the Elementary Science Study. They will also read some of Piaget's theories of intellectual development and try to relate those to their classroom ex-

<u>Group 1</u>: Each student will work with a small group of children in a local elementary school classroom twice a week for 6-7 weeks and will use some of the materials that they worked with in class. Students need not have any teaching experience or any scionce.

<u>Oroup II</u>: One evening a week students will participate in a work shop with local teachers and will work as aides for these teachers and help them gather and build materials. Students in this group should either have had experience teaching, curriculum planning, etc. or be Natural Science concentrators.

atudents who would like to participate in Group II but can take the rest of the course may be able to do this. See instructor for an interview. Class will meet MW 1-3, plus evenings.

NS 220 THE PREPARATION OF A SCIENTIFIC MANUSCRIPT

This is a practicum in writing about scientific work. During the first few weaks we will use samples of good and bad writing from the scientific literature to analyse acyle. During this period we will also write short piaces as exercises to achieve clerity, economy of words, perhaps even slogance! As the cemester progresses each student (and the teacher) will write a long manuscript, using the class as a resource for encouragement and criticium. It is assumed that class maphers will here some real work of their own to write about; for example, data from a Division III project or an excessive review of the literature on a subject of interest to thom.

# SCHOOL OF SOCIAL SCIENCE CURRICULUM STATEMENT

Faculty in the School of Social Science, representing a variety of disciplines and interests, are working toward a curriculus that will encourage students to this mentiordisciplinary approaches a content of the conte

directions appropriate to your own interests.

Division I students will find in this list courses suitable to a range of interests, all designed to offer you some initial understanding of how we frame questions and work toward answers. Our Division II courses are proposed, but you will find in this list courses are reasonable to concentrations in law toward answers are related to concentrations in law towards and towards are related to consider the construction of the course of the construction of the course of the construction of the course of the course with the course with the course descriptions carefully and discuss with their advisors and concentration committees all courses of possible usefulness. It is also advisable that you discuss courses with instructors and determine in advancementation not they will contribute substantially to your concentration.

As a supplement to the brief biographies at the back of this book, here are some more personal autobiographical statements by faculty in the school. We hope that you'll find these helpful as a guide to pusple whome interests and abilities might best match your educational needs.

\*See statement on Law Program, page

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Carol Bengalsdorf - My primary field of study has been im-perialism, and its function in the evolution of capitalism, and the remifications of imperialism; the accounts, onlittical and cultural dimensions of imperialism; the accounts, onlittical focus of this process of a company of the accounts, on the perialism of the account of the account of the accounts of perialism on the role played by the United States on those continents in the muintenance of colonial and mea-culonial systems.

In the course of examining the options open to countries in the capitalist periphery, I became involved in study of the Cuban Revolution. I have, as well, done a good deal of vork on the Russian Revolution, particularly on its development through the 19th century, prior to the taking of power, and on Russian literature, again, particularly of the 19th century.

<u>Robert Birney</u> - In addition to continuous teaching interests in theoretical and empirical studies of personality, I have published work on experiments studies in human motivation concentrated upon fear of failure in achievement task situations. Why hope is to design studies especially suited to the Hempshire context for conducting personality research.

R. Bruce Cerroll - Trained at the University of Chicago, my interests now center in public law, public administration and American politics. Throughout my career I have been very active in politics, and view as necessary for understanding combining the lever as necessary for understanding combining the lever construction of the public performance of the combined of the combined to the combined of the combined o

Nonica Faulkner - I received my B.A. in French and my M.A. and Fh.D. in sociology from UCLA after writing a thesis on student politica during the Free Speech Novement of 1994. Ny approach to social science is derived from social psychology. Jaw interested in the interesticinonisp between individuals and the social science is derived from social psychology. Jaw interested in the interesticinonisp between individuals and the social science is derived from social psychology. Jaw interested in the interest of the interest of the interest of the interest of the social screens within which lives are constructed and the subjective "mene" which popule make out of what happens to these. While this approach can be applied to a number of appecific problems, my subjection of vomen in contemporary French society); (2) artistic production (especially the ways in which artists relate to institutional structures such as the file industry) which artists related to the structional structures such as the file industry) and interested in projects and con. v. or meas sedies.

### **Spring Term Course Guide 1975**

Oliver Foulkes - I came to Hampshire College from a background of work with ACLU and as a poverty lawyer. I studied at Southwestern College in Nemphis, University and Nemphis State and Vanderbilt Law games and Oliversity and Nemphis State and Vanderbilt Law games an Oliversity of the Nemphis College of the Nemphis Colle

Penino Clazer - My major field of interest is United States social history. I especially like history of radical and reform groups, women is history and contemporary social soccenents. I make think of myself as someone who is not very near the like of myself as someone who is not very near the like and done research in Child Israel. Right now I am writing about the history of American Challenger and the like and the protection of the contemporary Israell war resisters.

porary isruell usr resisters.

Leonard B. Click - Hy interests include general anthropology, culture and personality, ethicity and nationalism, and anthropology of religion. Although to saintain vositiarity with soor aspects of an operation of a control of a contro

<u>Sobard Greet</u> - All of my intellectual and scholarly concerns have developed out of my engagement in the class struggle, and in particular, the effort to create a socialist society in the United States.

Hy formal education is in law; and I have worked for a reform city administration in an industrial and largely black city. I have published that areas of urban and black politics, pages and the areas of urban and black politics, pages and the properties are urban across of competencies in questions of competencies in questions of competencies in the discovery of the properties and the urban accident in the properties and the urban accident in the abovementation of the urban accident in the urban accident in

mentioned tields.

<u>William Orchmann</u> - My primary interegt is in higher education Including purposes, policies and effects of colleges and including purposes, policies and effects of colleges and universities; historical and sociological analysis; crying to put Hampshire in perspective. I'm willing to work on scace (non-technical) areas of education study on other levels. Also: Micromesta (or Pacific studies) as related to colonialism or cultural studies; current political/social issues; some aspects of 'human development.' I'm willing to discuss proposed individual or group independent study projects.

John A. Hornik - Brief personal history: I was circumcised in New York (1944), socialized on Long Island (1944-62), radicalized in Soston (1962-66), professionalized in Illinois (1966-70), democalized in Vigilia (1970-74), and now revitalized at Hampshire (1974-7).

now revitatized at Hampshire (1974-7).

I on a social psychologist with a strong background in research enthods and actaitstics. I enjoy doing research, and I enjoy first helping students to develop that research enthods and the second control of the second contro

psychology of advaction.

Cloria I. Joseph - a State charact of West Indian perentage. The North Control of the Control of the

Nory Kaufman - Active trial lawyer in political cases since 1947. Was one of the U.S. Prosecutors in Nuremberg war crimericals and defense lawyer during McLarty period and through the period of mass protests. Was a member of international Citizens Tribunals and inquiries.

Joan B. Landes - My general field of interest is the condition of vocam in capitalist society: her relation to such aspects of social organization and everyday life as class, the state, production, housework and reproduction. In my dissertation are conducting a critical salaysis of the sacials, the state, production, housework and reproduction. In my dissertation are conducting a critical salaysis of the sacials, the state, product of the vocam's investment of the specificac to further work of the women's novement are integrally connected with my interests in contemporary political and social thought and American politics. I do not believe that 'women's issues' can or ought to be isolated from other questions concerning the quality of American life or from the ways those questions are conceptualized. On the contrary, my perspective on women's politics is now provided me with, a formation, aspects of political constant as a series of the contrary of the contrary. We have contrary of the Algerian Revolution. I have taught courses on women's theory, Marx's Capital, American politics and data analysis.

Barbare Linden - My mein academic interests at this point see in the following areas: radical sociology; planning (rrban and regional); the relationships between behavior and physical design; methodology (survey techniques, containallysis in fills), qualicative research and evaluation design); streatification theory; and the sociology of law. For other fascinating facts about me, see Bob won der Lippe's statement, since he and I are identical twins.



Lester Moror - I studied history es an undergraduste at Stanford, with a particular focus on American constitutional history, and continue to enjoy supervising independent study projects in that field, including studies of the Court and its Juntices. At Stanford and legal history, we have a stanford and legal history, by the continue to have an interest, including criminal law, law and psychiatry, philosophy of law, legal history, sociology of law on the legal profession, legislation, and administrative law and procedure, developing law of women's capture of the continue to the continue that the con

legal education.

Philip P. McKean - Play, dusth, love, Nov England and
philip P. McKean - Play, dusth, love, Nov England and
works of trying to understand and appreciate them. By
youth was spent in the Servishires and Melan, and my academic
training was in the fields of history (Villiam was a continued to
youth was spent in the Servishires and Melan, and my academic
training was in the fields of history (Villiam well as
training was in the fields of history (Villiam well as
tentionsteps) (forow). I have been a chaplais and clargyman,
texacarched and written about Outwerd Bound Schools (Maine
and Nolaysia) and addorates information, the contraction of the contraction of

I enjoy sailing, trout fishing, skiing, gardening and hiking with my family.

Laurie Hisonoff - I have spent nearly all of my life in the innerds of large cities: New York, Bostum, and most recently New Haven, with names interduced in the communities and campa all or with many and the student move of the communities and campa all or who was a title communities and campa all or who was a title communities and campa all or who was a title or when the high action, and these activities brought eacher? I not her role of "future New York City high-school math teacher" to the social science. I not large must of the economics and political science I did concerned the problems of the city and general labor studies. I worked on several projects, including the first study of Massachusetts wellands and studies of the Boston rental and labor markets. After involvement with several unionities effort a tudy the social and scoromic the women's soveral acciency from a Marxiat perjavars in the women's soveral acciency from a Marxiat perment in capitalist tooleties, the role of women in capitalist societies, the role of the state and its politics. I am just completing a two-year term as an editor of the Review of Radical Political Economics, and am currently writing a history of women's work in America and their struggles to control that work.

Anson C. Rabinbach - I went to P.S. 33, Junior High School

and their struggles to control that work in America
Anson C. Rebinbach - I went the F.S. 33, Junior High School
79, and De Witt Clinton High School in the Strons, New
York, from which we had been sight to the Strons, New
York, from which mean sight school in New York City the
Following year and received a B.A. from Hofstra University
in 1967. Leaving New York State with hundreds of dollars
in back parking tickets, I entered the University of
Wisconsin in the History graduate program. From 1967-70
I studied European social and intellection theory in the
twentieth centure of the Wisconsin of the Vienna Javish
community at which is the single of the Strong Strong Strong
Grant of the Wisconsin of the Vienna Javish
community at the end of the 19th century and the subsecquent rise of antisemitism, Zionism, and mationalism.
Wy Ph.D., on the history of Austrian socialism and Marxism,
was granted in 1973. A Ford and 305 fellow white Wisconsin, I spent two years Alliques. An interdisciplinary
Wisconsin I, spent two years Alliques. An interdisciplinary
Control of the Strong Strong Strong Strong Strong Strong
Contemporary social and political theory, and

contemporary social and political timesy.

Harris Stone - I am an unsuccessful architect. This is in spite of the fact that everything in my youth indicated that I was going to the fact that everything in my youth indicated that I was going to contain the property of th

structure the physical environment. At the same time I am struggling to find a way whereby modern architecture c respond to the rough beauty of construction, the vitality of the streat, and the impact of history.

<u>Michael Sutherland</u> - I'm a statistical consultant at Hampshi who has an abiding love for exploring other peoples data and experimental designs when they feel they need help.

I usually teach introductory statistics and date analysis in the form of independent studies or hook scalinars so that they say be supply related to students interests that they say be supply related to students interests to a few supply to the same supply to

particular aspects of statistics as related to that course.

<u>Marbara Turlington</u> - 1 did my graduate work in the fields
of international politics, international law, foreign
polity, and comparative govornment. Hy undergraduate work
was partly in psychology (as Journhore College) and in
political theory (American University of Beirut in Lebanon)
and I continue my interest and some roading in those fields.
I have recently become interested in the subjects of utopic and
hought and the commune novement, especially as they relate
to the topic of community. I map repared to serve
privation I committees in certain areas of psychology and
sociology as well as in most areas of political science.

sociology as well as in most areas of political science.

Nobert von der Lippe - A Hompohire faculty "old timer",

Two been here since 1999. Wy interests have been interisciplinary for some time, with an undergraduate degree
in biology and graduate degrees in sociology. Antiinspetial may academic focus on medical sociology. Antiinspetial monor problems in medical describing. Antiinspetial monor problems in medical describing. Antiinspetial monor problems in medical describing. Antiinspetial monor problems in medical care of student physiinspetial monor monor problems in medical care delivery systems

and social properate to work with students interested
an social psychology. I love the sea - for fishing,
sailing, mystery and adventure. Parhaps three years on
a destroyer in the Far East capilains this society serving and such care of Persons and social properties on the sea.

\*\*Manual Publishment Law Medical Science and Scien

Mory Ruth Marner - I am Noster of Prescott House. Nighterests are in Folklore of oppressed peoples (women blacks, homosexuals, etc.); Afro-American expressive culture; ex-alwa entratives; folklife; film; folk oral history; fieldwork.

Stanley L. Marner - A Hichigan farm boy who went to Harvard to Study economics and use later persuaded that theme is a class structure to eccitely which does not encourage farm boys in the direction. We interests are several but for the content of the content o

stood by conventional and radical theories, (2) use historical relationship between the corporation and the state, and (3) the nature of work and the literature on work alienation. Looking back on my own rather substant investment in human capital, I have decided self a wasting asset, rather after a decided of the international oil control of the co

Prederick S. Weaver - 1 con work with students in most areas of economic theory and analysis. 1 am particularly interest of in theories of development and undertweed expense. Late American and European connect Entstory. And international economic relations. 1 here recommyly been working on Marxiet theories of advanced expitations.

theories of advanced capitalism.

\*\*Rether Vaporation - I am an anthropologist, and am particularpic Intercaped to the fellowing areas and issues: conflict
resolution and social control; encisl and legal change,
particularly in the U.S.; trenslated and the cultural und
social problems linked to this; rice and the cultural und
social problems linked to this; rice and the cultural und
social problems linked to this; rice and the cultural und
social problems linked to this; rice and the cultural und
social problems linked to this; rice and the cultural und
social problems linked to this; rice and the cultural und
social social problems and the cultural und
social and the cultural translated and anthropological and social capital claims court (I am working with Mass Pinto
on designing a project for observation of and research
under social courts, since and legislative courts in this
communities; and time, and its importance as a factor in
conflict-resolution processes.

## SCHOOL OF SOCIAL SCIENCE

MODERN AMERICAN RADICALISM SS 105

E. Greer

EUROPEAN LIBERALISM SS 106

A. Rabinbach

ECONOMICS OF LABOR AND THE LABOR FORCE SS 107 L. Nisonoff

SOCIOLOGY AND THE ARTS SS 108

M. Paulkner

STUDIES IN HIGHER EDUCATION SS 109 (ES 121)

W . Grohmann

SOCIAL CLASS AND THE DEMOCRATIC IDEAL IN AMERICAN POLITICS TODAY J. Landes

BIOLOGICAL AND CULTURAL BASES OF SEX-DIFFERENCES SS 111 (NS 153) N. Goddard and L. Farnham

MODERN ISSUES IN PSYCHOLOGY SS 112

20

BUILDINGS AND STREETS: A STUDY IN THE SOCIAL HISTORY OF TECHNOLOGY H. Stone SS 113

THE SCIENTIFIC REVOLUTION AND THE MAKING OF MODERN REALITY SS 116/216 (see NS 185/285) G. Frankel and M. Gross

ENCOUNTER WITH THE HOLOCAUST SS 118

L. Glick and J. Simon

McCARTHYISM: POLITICAL HYSTERIA AND REPRESSION IN THE UNITED STATES
SS 119 M. Kaufman with E.

GODS, BEASTS, AND MEN: THE BEGINNINGS AND THE END OF POLITICAL THEORY SS 122 (see MA 121) R. Meagher

THE FURGOITEN PEOPLE: LAW AND THE STATE MENTAL INSTITUTION S. 198 0. Fowlkes

TOPICS IN MEDICAL SOCIAL SCIENCE SS 199, SS 201, SS 202, SS 203

BEHAVIOR CONTROL SS 205 (LC 255)

M. Teghtsoonian

DOING RESEARCH IN THE BEHAVIORAL SCIENCES: THEORETICAL ISSUES AND PRACTICAL PROBLEMS
SS 206 (LC 256)
J. Hornik J. Hornik M. Radetsky M. Sutherland

SEMINAR: PSYCHOTHERAPY SS 207 POLITICAL THEORY: AMERICAN LIBERAL THOUGHT SS 208 J. Londes

VERBAL AND NON VERBAL DIMENSIONS OF COMMUNICATION SS 209 (see LC 257).

J. Hornik and J. Tallman

HOMOSEXUALITY AND THE SCIENCIAS SS 210 (see NS 277)

MODELS OF SCIENCE IN CULTURE SS 211 (see NS 288)

ENVIRONMENT: SENSE AND SENSITIVITY SS 212 (see NS 202) R. Lutts, and H. Stephenson

Stephenson

PROBLEMS IN EUROPEAN INTELLECTUAL HISTORY: THE GENESIS
OF HISTORICAL THOUGHT
\$5 213

THE BOSTON RECTON SS 214

CAPITALISM AND EMPIRE SEMESTER LI (THE 19th AND 20th CENTURIES)
S 215
History Group (C

History Group (C. Bengels-dorf; P. Clazer; E. Greer; L. Nisonoff; A. Rabinbach; S. Warner; F. Weaver)

M. Gross

M. Ivory

INTRODUCTORY ECONOMICS (GROUP INDEPENDENT STUDY)
SS 217 F. Weaver

INTERMEDIATE MACRO-ECONOMIC THEORY (GROUP INDEPENDENT STUDY)
\$5 218

ECONOMIC HISTORY OF THE UNITED STATES
L. Nisonoff

RACISM AND THE LAW SS 221

MARXIST AESTHETICS SS 222 (HA 294)

C. Bengalsdorf, L. Pitkethly, J. Spohn, P. Kudla, P. Brosius and J. Gold

FIELD STUDY IN DEVELOPMENTAL AND COGNITIVE PSYCHOLOGY SS 226

Ä

CONSTITUTIONAL LAW: CIVIL LIBERTIES IN AMERICA SS 298

R A. Carroll

MODERN AMERICAN RADICALISM

Edward Greek

We will undertake an historical aurvey of radical movements in twentleth century America and develop a critique of their strategies for revolutionary change.

The course will concentrate on the I.W.W. and Socialist Party in the period through the First World War: the Communitar Party in the 1930s and 1940s; the civil rights and pacifist groups in the 1950s; and the William of the Party in the 1950s and the Socialist and pacifist groups in the 1950s. Social of these groups will be examined with respect to several key policies: the role of racial, ethnic, sexual, and class factors in making a revolution; the road to the siture of power under American conditions; the role of culture; and the problem of democracy.

To carry out this mubitious agenda, it will be necessary that we do a large amount of reading. Generally spateries will be alther of an historical or theoretical nature; or thographical or fittional. Whenever possible, participants will be invited as guests.

The course will meet twice a week for  $1\frac{1}{2}$  hours each session. Enrollment is limited to 25.

EUROPEAN LIBERALISM

Anson Rabinbach

This course is a historical introduction to some fundamental concepts and problems in political theory and intellectual history.

Intellectual this course in the sense is and fate of history. Interdian, fundamental questions of political roder, control, sowerigaty, liberty, and the state dam be investigated from the stondpoint of the major the state dam historical presuppositions of the discourse in the state of the s

Enrollment is limited to 25. Division I students only. Twice a week for 15 hours.

SS 107

ECONOMICS OF LABOR AND THE LABOR FORCE

Laurie Nisonoff

The primery focus of this course is the analysis of work in America from the viewpoint of an economist. Some of the questions we will consider include:

2)

Who does what kind of work in the U.S.? Does it rary by race or eax? Is it paid or mon-paid labor? How are wages determined? What are wages? salaries? Do those wary? What mechanism matches a worker with a firm? an occupa-tion? an industry? What is distribunation? unemployment? underemployment? What is distribunation? when you would be that concept exist? What do bosses do? unloan? the salary?

We will begin by studying some oral history, field studies and census materials to form a picture of the world of work, and to enable each member of the seminar to interpret statistical and/or empirical material.

The course will include an introduction to the basic princi-ples of marginalist (orthodox) economic theory as applied to these questions. Me will then study human capital theory, dual labor market theory and radical and Marxist theories of work and the labor market.

The readings will include: Lloyd Reynolds, Labor Economics and Labor Relations; David M. Gordon, Theories of Powerty and Underemployment; Studs Terkel, Working.

The course will meet twice a week for 14 hours each session.

Enrollment is limited to 25 and open to Five College participation.

SOCIOLOGY AND THE ARTS

This course is designed to introduce Division I students to modes of inquiry characteristic of sociology as a discipline. We start for the premise that artists are people who do work in a social context and that this social context impinges on their work. We will use the case of the artist in society to introduce some basic sociological concepts, such as culture, interaction, roles, socialization, career, and stratitication.

The readings will fall into three categories:

basic introductory readings in sociological theory a methods

sociological studies which apply these concepts in analyzing various forms of artistic labor such as painting, music, dance, poetry, acting, photography and film

journalistic and personal accounts which document the above processes and relationships

Class sessions will focus on the readings and on discussions of student projects. Evaluations will take into account participation in the Tas course project will, in most cases, consist, of a paper, at least 20-25 pages long, in which the students examine in some detail one or soor topics discussed in the course; ideally, it should be in the course; ideally, it should be in the course; ideally, it should be in the course of the cour

The course will meet twice a week for about 1% hours each time. Enrollment will be limited to 20, with a waiting list if necessary; students will be admitted on a first-come, first-arreed basis.

SS 109 (ES 121) STUDIES IN HICHER EDUCATION

We all have chosen to be associated with an institution of "higher" education. Further, we've come to a college which portrays itself as different from others. One purpose of this course is to help us develop an overview of U.S. higher education and so have a clearer perspective on how inspektive (and we) relate to the larger world of post-secondary education.

Areas to be explored include: the history of higher education in this country; some seemingly important current trends; the relationship of college and universities to U.S. society; the effect of college and universities to U.S. society; the effect of country is an alternatives to the thin the college and the placed on d-year, the college and on non-traditional elystematives.

Students will be expected to read from works of sociology, history, philosophy and psychology, to write several short papers and to make class presentations. The intent is to after opportunities both to increase informed self-waveness and to sharpen skills of social science inquiry and analysis.

The course will meet twice weekly for 15 hours.

Enrollment is limited to 20. Division II students may enroll with the instructor's permission.

SOCIAL CLASS AND THE DEMOCRATIC IDEAL IN AMERICAN POLITICS TODAY SS 110

This is a course on American politics today. It focuses on the way in which politics affects and is affected by the demanded inilitions of Americans for political, economic, demanded plustice. It focuses on the confrontation between demonstratic ideals and social reality. It asks how the demonstratic ideals and social reality. It asks how the interest the social reality is the social reality in the practice. This confrontation is visually as the lattice of the property of the social reality is the property of the social reality is a social reality in the social reality in the social reality is the social reality in the social reality in the social reality is the social reality in the social reality in the social reality is the social reality in the social reality in the social reality is the social reality in the social reality in the social reality is the social reality in the social reality in the social reality is the social reality in the social reality in the social reality is the social reality in the social reality in the social reality is the social reality in the social reality in the social reality is the social reality in the social reality in the social reality is a social reality in the social realit

The course will meet twice weekly for 14 hours per session.

Enrollment is limited to 20 students on a first come first serve basis.



BIOLOGICAL AND CULTURAL BASES OF SEX DIFFERENCES SS 111 (NS 153)

Nancy Goddard and Louise Farnham

There is much current feeling that sex roles are pre-dominantly determined by social and environmental factors by the there are obvious biological factors, such as hormone that influence the formation of sex-typed behaviors. We are going to try to delimit these biological factors from the social factors by asking the following questions.

First, does the reproductive system directly influence psychological states? In other words, are some different between the sexes directly related to the psysiology of the male and feeale reproductive systems rather than to the attitudes about the systems? To investigate this problem, on will study the genetics of sex determination and will review the male and female endocrine systems. Of particular interest will be possible psychological effects of hormone changes in these systems.

Second, are there differences between male and female brains? Recent evidence suggests that sex horsomes influence brains? Recent evidence suggests that sex horsomes influence that the sex possible sex and the sex possible sex and the sex possible sex

While the emphasis of the course as described above is clearly biological particular attention will be given to psychological and cultural influences which interact with the biological subscrates.

Enrollment is limited to 20.

MODERN ISSUES IN PSYCHOLOGY SS 112

Robert Birney

This course will present studies from experimental, personality, and social psychology. Basic concepts currently
used in the study of behavior come presentality organization, and social interest control to an experimental transfer of
inquiry used of the social students of the social interest of the social control to the social interest control to the social

Two meetings per week, one lecture session and one discussion session.

SS 113 BUILDINGS AND STREETS:
A STUDY IN THE SOCIAL HISTORY OF TECHNOLOGY

The historical role of technology will provide the framework of study. The course is conceived as a follow-up to SS 142 - City in History, but the investigated such as the urbenistic specific topics of enderly opened of power operated tools in implications of a development of power operated tools in the Hiddle hope, the architectual implications of the development of industrications of the development of bour open the control of the cont

Students will meet as a group once a week for one and one-half hours and in individual conference with the instructor every other week for one-half hour. Conference work will avolve a more intensive study of some aspect of the topics covered in the seminar.

Enrollment is limited to 20.

SS 115 (NS 187) SELECTED TOPICS IN SCIENCE AND SOCIETY

See course description under NS 187.

SS 116/216 THE SCIENTIFIC REVOLUTION AND THE (NS 185/285) MAKING OF MODERN REALITY

G. Frankel and H. Gross

See course description under NS 185/285.

# Spring Term Course Guide 1975

ENCOUNTER WITH THE HOLOCAUST

Loopard Glick and Johnn Simons

Between 1941 and 1944 the Jevish population of Europe vas virtually obliterated. Beginning with mobile units whose primary cask was the destruction of entire communities in occupied Russian territory, the Nazis steadily evolved mass marder techniques culminanting in Auseburtz and other death camps. Throughout Europa, in overy mation occupied of Germans, Jews were methodically deported, where they were esthodically deported, where they were esthemic manifesting or massigned to slave labor betaclisms in which they were worked to death.

Siave labor battalions in which they were worked to death.

Perhaps searching for "leasons" from the bolocomer is futtle:
nevertheless, we must try to understand it. Swerel thems
will receive particular extent to the search of the search of

Study of the antecedents and consequences of the Biolocaust leads into a number of historical, sociological, and psychological problems, and students will find that that years are students will find that they need to read widely to gain adequate perspective we will be expected to write a number of the problems of the

The course will meet twice s week for 14 hours. Enrollment is limited to 25.

\*JoAnn Simon is a Division III student at Hampshire College.

SS 119 NCCARTHYISM:
POLITICAL HYSTERIA AND REPRESSION IN THE UNITED STATES

Mary Kaufman with Edward Green

This course is designed to explore the phenomenon of political hysteria and repression in our country, with particular emphasis on the period, generally explored the McCarthylam, which followed World War Law as a period of intense political expression and and are far longer than any other intense produced in the far and material far langer than any other and an analysis of the produced for the far and material far langer than any other and the far and material far langer. It was a super-particise downlated our lives. Repressive lease were enacted and enforced. A glasmite loyally-security program blanketed the nation. Thousands lost jobs. Dissent bottom synonymous with treason and conformity to acceptable biles became the way of life.

We will be concerned in this course with (1) the nature of other periods of representation including fastism in Europe in the artly bit the content and political history with the artly bit the content and political history with great the content and political history with gave it free rin; and (6) the cultural, political and social impact of McCarthyism on our nation.

and social impact of McCarthyiam on our mation.

The legal superstructure of McCarthyiam is the most associationable and clearly defined topic among the areas of concernitated above. It includes specific Executive Outlier and Suprema Court and other than the control of the court of the cour

of national crisis and repression.

The students will select one of the four areas listed in the second paragraph above for special concentration and will join with other students in a senior.

The class will meet regularly, a concentration and will join with other students in a senior. The stage of the

Enrollment is unlimited.

SS 122 (HA. 121) GODS, BEASTS, AND MEN: THE BEGINNINGS AND THE END OF POLITICAL THEORY

See course description under HA 121.

SS 198

THE FORGOTTEN PEOPLE: LAW AND THE STATE MENTAL INSTITUTION

Thomas Stast has called residents of state mental institutions "the forgotten people". The following questions will be raised in the context of this course:

Why do mental institutions exist and whose interests do they serve?

What is the relationship between law and psychiatry? Does a patient have a right to treatment and habilitation?

What impact will new legislation, litigation and patient liberation movements have on legal rights of residents in total institutions?

This course will utilize placements in neighboring mental instituctions with the purpose of illuminating and supporting material dealt with in class such as, among other things, the following: Sass, Law, Liberty and Psychiatry, and actual cases arising in the institutions where the films were made: "progressive" mental health legislation.

The aim of this course is to acquaint students through read-ing and field work with the issues involved in mental institutionalization and institutional states are student possible alternatives. It will also focus of consoleling and normalization programs participated to the state of the s

The course will meet at least twice a week for one and one-half hours each. In addition, each student will be expected to devote at least eight hours a week to his or her field own'r placement. A fair amount of reading, will be expected in addition to keeping a disry and writing periodic papers on topics of interest encountered in the tourse.

Enrollment is limited to 20.

SS 199 SS 201 SS 202 SS 203

TOPICS IN MEDICAL SOCIAL SCIENCE

Robert von der Lippe, Coordinator

Course Faculty Supervisors:

Leonard Glick John Hornik Barbara Linden Laurie Nisonoff Harris Stone Stanley Warner Hampshire College Student Seminar Leaders:

Elizabeth Appley
Dot Battenfeld
Jack Carr
Stanley Goos
Ginny Gordon
Sarsh Graubs
Dawn Liberi
Trinks North
Laura Punnett
Lyun Selby
Creg Thomas
Mail Trilla
Doug Wholan

Hadi Trilla Doug Wholan

Topics in Medical Social Science is a general title to cover four centurars listed below, being offered all be School of Social Science in the School of Social Science in Lind of III students under the supervision of Social Science faculty. Both student and faculty leaders for this course were cheese hecase of the International Science faculty. Both student and faculty leaders for this course were cheese hecase of the International Science faculty. Both student and faculty leaders for this course were cheese hecase of their in. The first require an interview with the instructors for adalasion. The remaining seminars are for Division I and II students and will also be possible for a student to the an evening lecture seminars at the sameting once each week, at which topics of interest in eddical social actions will be presented and to which all the students in all four seminars will be asked to attend. The seminars chessives will be presented and to which all the students in all four seminars will be asked to attend. The seminar themselves will need from these to four hours per week. Each seminar involved. These to four hours per week. Each seminar involved. These project to be unded proposale plus estimar participation will be charted proposale plus estimar participation will be charted proposale plus estimar participation will be the responsibility of the faculty supervisors of the seminar in question. In addition to the available through suggestions; and general help as the semster proceeds.

FOUR SEMINARS IN MEDICAL SOCIAL SCIENCE:

SS 199 - HEALTH: THE NEW PROFESSION

Dawn Liberi and Jack Carr

An analysis of preventative medicine and health care delivery in the United States.

"I have heard that in ancient times human beings lived to the age of a hundred. In our time, we are exhausted at the age of fifty. Is this because of changes in circumstances, or is it the fault of men?"

Beginnings of Su Wen, the first part of Nei Ching, world's oldest book on Medicine

This sessings will be an examination/evaluation of the effectiveness of the health care system in the United States; how it evolved to its present state, and what avenues of change are available?

Enrollment is limited to 20. Interview with instructors is required.

(Faculty supervisor: Robert von der Lippe)

SS 201 - SOCIAL SCIENCE AND MENTAL HEALTH

Sten Goos, Sarah Granbs, and Lynn Salby

Noos, Saran uranos, and Lynd Satoy

"The societal-reaction perspective is
concerned loss with the origins of deviant
response and more with those social forces
which help scrueture, organizations of this
perspective agreement case of this
perspective agreement deviant response is
reinforced to the social reactions
and by the resultant exclusion and discretions
tion against the deviant. The basic assumption
underlying this approach are that each society
produces its own deviants by its definitions
and rules and that such processes of definition
help maintain the boundaries of the society".

David Mechanic Mental Health and Social Policy

This seminar is devoted to looking at some of the issues raised in the statement above. Topics covered will include social theories of mercel theories, social horsepautic processes, social analysis therapeutic social analysis problems of theories therapeutic sortings and institutions, problems of the thopseutic busice, and the integration and/or distincegration of the mentally ill in the community.

(Faculty supervisors: Leonard Glick, John Hornik, Herris Stone)

SS 202 - CROSS-CULTURAL AND COMPARATIVE MEDICAL CARE

Doug Whelan, Greg Thomas, Mali Trilla, Trinks North

A scalar evoted to a nonlysis of the health care expectations and practices of people in diverse cultures and expectations and practices of people in diverse cultures and control of the control of the

(Faculty supervisor: Leonard Glick)

SS 203 - POLITICAL ECONOMY AND AMERICAN HEALTH

Elizabeth Appley, Dot Battenfeld; Ginny Gordon

This seminar will begin with introductory discussions about political economy, and the health care system as it reflects the values of the American economic structure. Topics to be considered will be: the control of health care by powerful interest groups; the attempts of emerging consumer-groups to effect change; the legislative process and its effectiveness; ways of limating health core effectiveness; ways of limating health care (and 1900); and attempts to decule on the control of the control

(Faculty supervisors: Barbara Linden, Laurie Nisonoff, Stanley Warner)

SS 205 (LC 255)

BEHAVIOR CONTROL Martha Teghtsoonisn

Our behavior is constrained by the natural environment, by social institutions, by our friends, and by our own hopes and institutions the post of triends, and by our own hopes are constrained by the constraints of the cons

The course will meet twice a week for 13 hours per session. Enrollment is unlimited.

SS 206 (LC 256) DOING RESEARCH 17 THE BEHAVIORAL SCIENCES: THEORETICAL ISSUES AND PRACTICAL PROBLEMS

John Hornik, Michael Radetsky, Michael Sucherland

This course is designed both to teach students how to do research in the behavioral sciences (principally psychology, sociology, and communications) and to introduce them to general theoretical problems inherent in inquiring into the causes of human behavior. This will be accomplished through interface the causes of human behavior. This will be accomplished through interface sections on the second problems are section.

The class will meet for two 3-hour sessions each week. The first bour of each menting will be devoced to discussion of general issues in research such as the development of theory, the role of theory in designing research, problems in the monopulation and measurement of veriables, three internal and external validity and the problem of multiple interpretations of data, and edited, political and social problems of social science research.

During the first few weeks the bulk of class meetings will be devoted to specific methodological problems in understaking research such as the construction of questionnaires, systematic observation of behavior, content analysis, manipulation of independent variable in resperiament, and earlisted malysis of data. During its experiament, and earlisted malysis of data. During the test of the content of the cont

Assoc, and darrying uncognitions of the students who want to gain competence in undertexing behavioral research; it should help students to obtain one of the necessary tools and experience to do their own research. Enrollment is by consent of the instructor only and is I tilated to 30 students. Preference will be given to those in Division II.

SS 207

SENINAR: PSYCHOTHERAPY

The focus of this seminar will be upon the process of psychotherapy with emphasis on the therapiat/client interaction, reasons for client of the clienting and resisting changes and various amends facilitating changes. Reading will income the content of the cont

The seminar will must once a week for two hours and there will be individual 45 minute tutorials once a week.

Students will be expected to discuss their own work with clients during these tutorials and to relate their experiences with material discussed in the seminar.

Participation in the seminar is <u>strictly</u> limited to students in Division it who are working in <u>field</u> placements during Spring term 1975 or who have worked in field placements during Fall treen 1974. The seminar is limited to 8-10 students with written premission of the professor required.

· SS 208

POLITICAL THEORY: AMERICAN LIBERAL THOUGHT

where is designed to introduce students to the main temporary of American political thought. It begins with the foundations of American liberal thought in 17th century England and proceeds to an examination of the American political tradition over the last 200 years. We will have stigate the writings of such thinkers as hobbes, Lockethe Founding Pathers, Galbonn, Thoreau, Buhnel in the American political transcendence of the Country of t

The course will meet twice weekly for 11 hours per session. Enrollment is unlimited.

SS 209 (LC 257 VERBAL AND NON-VERBAL DIMENSIONS OF COMMUNICATION

John Hornik and Jan Tallm

See course description under LC 257.

SS 210 (NS 277) HOMOSEXUALITY AND THE SCIENCES

Michael Gross

See course description under NS 277.

SS 211 (NS 288) MODELS OF SCIENCE IN CULTURE

Ming Ivory

See course description under NS 288.

SS 212 (NS 202) ENVIRONMENT: SENSE AND SENSITIVITY

Raiph Lutts and Mark Stephenson See course description under NS 202.

SS 213 PROBLEMS IN EUROPEAN INTELLECTUAL HISTORY: THE GENESIS OF HISTORICAL THOUGHT

Anson Rabinbach

This course is designed to give Division II students access to the fundamental developments in 19th and 20th century European thought from the viewpoint of a single problem; the debate between the historical and the "beciment of the debate between the historical and the "beciment of the development of European thought from the development of European thought first became avanisation of examination of control of the development of European thought first become tricilligable. Among the major thinkers considered will be: Kant, Hegel, Marx, Comte, Weber, Lukans, Popper, Kartuse, Habermas. The course will consist of close reading and discussion.

The course will meet twice a week for 13 hours.

Enrollment is unlimited. Division II students only,



SS 214

THE BOSTON REGION

Harris Stone

A region is a complex of socie, economic, and environmental factors. As such, it provides an important source of raw data for a multi-faceted analysis of our society. Selected topics (e.g., changing land use parterns) will only a special range of the complex observations of the complex observations of the complex observations of the complex observations of the complex observations, which is the complex observations, how it changes.

A word about Studio: a studio course offers the opportunity to develop various techniques of gathering, evaluating, and presenting both factual date and subjective impressions. Studio work further offers the opportunity in presenting lides in graphs, section pictures, video and studio vork, studio video produced to the country of the

The course will meet once a week for three hours. In addition students must be prepared to commit one full day per week to field work.

Enrollment is unlimited.

(THE 19th AND 20th CENTURIES) SS 215

History Group (C. Bengelsdorf; P. Glazer; E. Greer; L. Nisonoff; A. Rabinbach; S. Warner; F. Weaver)

The second semester of this course will focus on the class structure of advanced capitalist society, the development of industrial and monopolitation of the political and social implication of the political and political of the political and the provided of the political and the politica

advanced capitalist world.

The course is clearly not intended to be comprehensive. Its purpose is to give Division II students sufficient historical and conceptual knowledge to provide the basis for a social science concentration. The course will be given by a group of faculty from a variety of disciplines (the busistorical political science, economics) concentration. The political science, economics) concentration to the development of questions and an historical per by focusing on several key society. By working at looks and debates, and by proveents, certain vertice history, we can cover a large pariod with the second science of the development of contemporary society history leading to the development of contemporary society and development of sodern institutions, questions of political economy, social structure, power, colonialism, imperialism and revolution.

Open enrollment: Division II students only.

SS 217

INTRODUCTORY ECONOMICS (GROUP INDEPENDENT STUDY)

Frederick Weaver

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

The text is R. Lipsey and P. Steiner, <u>Economics</u> and the accompanying workbook; we will meet for two 2 hour classes

Grades will not be given to Five-College students.

Enrollment is unlimited.

INTERMEDIATE MACRO-ECONOMIC THEORY (GROUP INDEPENDENT STUDY) SS 218

Frederick Weaver

An advanced course in aggregate, or Keynesian economics which is the prevailing conceptual framework for understanding, uncamployment, inflation, growth, and the role of governmental policy in regulating the overall level of national economic activity; for students whose concentrations involve considerable economics study and have a background in economics comparable to that of an introductory course.

The principal text for the course is Cochrone, Guber, Elker, Macroeconomics. We will meet for two 2 hour classes per

Grades will not be given to Five-College students.

Enrollment is unlimited.

ECONOMIC HISTORY OF THE UNITED STATES SS 219

Laurie Nisonoff

The course will be a study of the development of capitalism in the United States from the colonial period to the present We will begin with material on the origins of capitalism in Europe, and theoretical analyses of the development of capitalist society.

We will be primarily concerned with the development of the capitalist mode of production, the interrelationships with the state and the response of the workers to capitalism, which we will consider various and set of these interrelationships that use notions of a worker of the interrelationships that use notions of a worker of the bossehold, and the role of women in the various periods of capitalian.

The course will also contain sections on the current topics of debate within the field of American economic history: did sluvery by were the ratironds necessary for economic development? When the contained the growth of cities? We will work of developming skills in economic historiography and methodology.

The course will meet once a week for two hours with extensive independent reading. Five college participation is welcome. Students should have done some previous work in economics or history. Baroliment is unlimited.

SS 221

RACISM AND THE LAW

Mary Kaufmar

This seminar will explore racism and the law with special focus on the following two areas: 1) the operation of the criminal law on blacks and other amority groups: 2) the response of society to artempts through the law to adjust the inequities within our educations! institutions.

We will examine the institutions of racis oppression in the criminal law system such as arrest procedures; protein fattontion and botil systems; the jury solection system and the problems of indepunite representation, in addition we will explore different tools devised by lawyers, seeing sists and systemlogists to minimize racism in the jury selection system and other areas.

We will also examine the law on racism in education in general and focus on the bussing issue and on the issue of special rules governing admission of situarity students in underrules governing admission of situarity students in underrus graduate and graduate schools. We will examine the De Punit case and will consider preparing material for an encourage brief or for other use in a case now pending which challenges the admissions policies of New York University Law School.

The class will meet once weekly in two hour seasons every Thursday. It is expected that the speniar will result in two papers, one dealing with new proposals for minimizer retains in critical two sides of the speniar season in the succession of the speniar season of the succession of the succession

Enrollment is limited to 25 students on a first come first serve basis.

MARXIST AESTHETICS SS 222 (HA 294)

Carol Bengelsdorf, Lawrence Pitkethly, saica Spohn\*, Phil Kudla\*, Peter Broslus\*, and Jim Gold\*

This is a course about radical perspectives on the Arts, Narrist Assthctics is a way of understanding all artistic life both theoretically and practically. It explains for example the controdictions of the writer in one writers society from Balsac to Beckett and the break out of that itself became the second process of the second process of the straight secket for cloth on break out of that straight secket for cloth on between the forms that a society oner words more second process on an artist and the artist's attempt to create his own forms. In this regard, kevolutionary periods such as the Rossian or Cuben revolutions or the Spector cloth of the second course of the sec

The course is in fact divided into three courses and students can choose one of the three areas outlined below. There will also be one regular weekly meeting of 2 hours at which we also be one fully schematized, series of topics including that and Alienation, are the Artist as Norkey, the Art Mork as Commodity, Art and Revolution, the Artist and his Audience, etc. This meeting will use films, plays, texts for illustrative purposes and a number of interesting suests will be invited to participate.

\*\*Note: For the word Artist or Art substitue poet, writer, film-maker, composer, sculptor, etc. whichever is your

Art, Cinema and Revolution 1915-25 Jessica Spohn and Phil Kudla

Jessica Spohn and Phil Kudla

This course is divided into two sections. On the one hand
an historical view of two Russian artists Vasily Kandinsby
and Kasimir Melevich whose careers peralleled the revolution,
we will study their writings on art and seatheries; thuse
roles in the revolution and its effect on their lates
roles in the revolution and its effect on their and guest
rrists. The format will be slided, retained to the work of
two greet (fine the Points of focus will be a) historical.
See Fortical and the role of focus will be a) historical.
For their particular socion-historical context; b) theory
from their particular socion-historical context; b) theory
we personality and consciousness arising focus coursely
in social relations. The format will be files, lectures and
discussions.

II. Political Performance: Aesthetic Theory and Gritical Practice

ractice Peter Brosius and Jim Gold

This workshop will explore some of the following ideas: the

social function of theatre, the relationship of the audience to the performance, the use of theatre as a politicizing device, the internal politics involved in the mounting of a production, the problems of political theatre.

We will enlarge our definition of cheatre to include dance, sowement cheare, agit-prop, street happenings; the genres of children's pluys, documentary pluys, and epic theatre. We will read the aeschetic and critical vorks of Erecht, Piacacor, Mans Mayer, Sertee, and Meyerhold. We will also be reading the pluys and scripts of Strecht, entensherger. Weiss, Odets, Theatre Campisino, spit prop of the 30s, see commentary in the control of the

The workshop is designed for all people involved or interested in the possibilities of performance activity.

III. Literature and Revolution Carol Bengeladorf and Laurence Pitkethly

Carol Bengelsdorf and Lawrence Pitkethly

This section will explore a number of writers (poets, novelists, etc.) in modern pre-revolutionary and revolutionary settings. On the one hand poets like Bland, Neroad, Hernander or, in contemporary America Adriemne Rich who see their poetry as committed to radical social change. On the other writers like Desnoes and Retnart in Oubs or Nayskovsky in Russia who experienced a political revolution as a change in section. We will try and answer questions above the literature in society and make moverall social structure. The course form will be lectures, disc-ssions, readings, films, and outside guests.

\*Division II students at Hampshire College.

FIELD STUDY IN DEVELOPMENTAL AND COGNITIVE PSYCHOLOGY SS 226

Associate Professor Hichael Cole vill provide study opportunity for isamphire studentument modular (one month) or long-term conditional translation of the studentument modular (one month) or long-term conditional translation of the students of the students and the students of the students of the students admitted to this study opportunity will be expected to take part in the research group, sealing school age children. Students admitted to this study opportunity will be expected to take part in the research group, sealing comportunities to conduct stake part in the research group, sealing comportunities to conduct students and the students of the students should contact.

\*\*Yice-President Robert Birney or Catla Seal, Box 1326. Arrangements regarding particular type of study, status must be made at the College, and are not matters of concern for Professor Cole.

CONSTITUTIONAL LAW: CIVIL LIBERTIES IN AMERICA

This course will examine portions of the Bill of Rights and the Fourteenth Amendment as interpreted by decisions of the Supreme Court. The Court, through the 1890's and 1890's, was especially active in the area of civil rights, and this course will focus on what the Court did in rather dramatically altering its interpretations of the meaning of various provisions of the Constitution. Topics to be examined will include the freadoms of speech, press, assemble will include the freadoms of speech, press, assemble searches and sciences, and double looparing, the right to a jury and fair crial, and race relations.

The class will must once a week for two hours. A significant research paper will be requested, dealing with one of the topics under scrutiny.

Prerequisite: a course in constitutional law or consent of the instructor.



# **EDUCATION STUDIES** CURRICULUM STATEMENT

Learning experiences offered in the area of education at Hampshire are actually sponsored by a combination of sources, including the Schools, the Houses, and the Office of the Dean of the College. Although is possible for Hampshire acudents to receive offerings in Education Teacher Certification upon pull the proposed of the College of Teacher Certification upon pull largy in macture, and in no avy represent traditional teacher preparation program course experiences.

It is the opinion of those involved with the program that it is crucial for each person to develop a sense of his/her own philosophy of education. Consecuently, a major focus of the offerings in Education lend thesselves to that end with particular emphasis given to liberal arts experiences.

Many of the course offerings have, in one way or another, become associated with the Residential Learning Center in Education Squidies, and as a result, a significant proportion of them are freed in the Center which is located in Donut 5, Greenvich blooms. The Residential Learning Center has been serving as a resource offer for those interested in concentration in Education Studies, and is in the process of developing a student directed salvising-resource center. Students of developing a student directed salvising-resource center. Students are encouraged to seek out the advising center for information about courses, faculty, advising, certification, divisional exam statements, etc.

Following is a listing of semester long education courses as well as the "Topics in Education" series of mini courses. Although several School courses are cross listed with "education" courses, students should check through the School listings for other education related course experiences.

\* Certification is provided through a collaborating relationship with the University of Massachusetts School of Education.

# **EDUCATION STUDIES**

DEVELOPING A PHILOSOPHY OF EDUCATION ES 104/204 J. Kortecamp

FIELD WORK IN BILINGUAL-BICULTURAL EDUCATION IN HOLYOKE ES 105 S. Pollock

ELEMENTARY SCHOOL SCIENCE - A WORKSHOP ES 112/212 (NS 122/222) W. Grotman STUDIES IN HICHER EDUCATION ES 121 (SS 109)

HUMANIZING THE CURRICULUM OF ELEMENTARY A. Gengarelly CLASSROOMS ES 206

AN EXAMINATION OF AUTHORITY AND AUTHORITY FIGURES IN SCHOOLS AND FAMILIES ES 207

TOPICS IN EDUCATION ES 110 - 220

Developing a Philosophy of Education ES 104/204

This course is being offered to Division I and II students who are currently searching through their past experiences and current learnings to develop what is for them the beginning of a coherant personal philosophy of education. The learning experience will be comprised of reedings, discussions, workshops, and field experiences which will involve current trends and theories within the field of education.

Readings will come from such diverse sourses as John Dewey, George Brown, Sidney Simon, Ivan Illich and Charles Silberman. One goal of the course will be to open students up to the vast number of sources from which they can draw to construct a personal education philosophy.

The class will also involve a series of field trips to valley area schools which represent a cross section of educational thought and range from very traditional practices, to quite radical alternative Workshops offered through the class will be of an introduced and anture, and will concern beginning pract as a foundation of busan-istic education. This class constituted as a foundations or phil-nosphy course toward teacher certification.

The class will meet on Monday: and Wednesday from 1-2:30 and to ensure that students have an accurate understanding of the course objectives corollagent will be by permission of the instructor.

ES 105 FIELD WORK IN BILINGUAL-BICULTURAL EDUCATION IN HOLYOKE

Seymour Pollock

The aim of this practicum is to afford those students who have had previous training in the methodology of ESL, blingual-bloutural education, or multi-cultural education the opportunity to serve as teacher-sides in the blingual programs offered in the schools of Bubyens of the opportunity to serve as teacher-sides in the blingual reducation. A good works of the programs of the state of the schools of Bubyens of the reducation. A good works of the schools of Bubyens of the schools of Bubyens of the schools of the preparation of instructional materials, the planning of language courses, and the development of actual classrous techniques. Students, therefore one schools of the school of the schools of the

Students with a good working knowledge of Portuguese might placed in bilingual programs in Ludlow or Springfield. If interested, see the instructor.

Enrollment is open, but a personal interview with the instructor is required for admission into this program.

ES 112/212 (NS 122/222) ELEMENTARY SCHOOL SCIENCE WORKSHOP

Merle Bruno

nette stude

buring the past 15 years, national interest in space, the environment and industry has resulted in the development of many materials for "icaching science" to elementary school children. At first, the stimulus for these progress was a desire to develop a generation of scientists. Dentually, interested reachers found that some exciting things happened when children had a chance to deal with the contradictions and complexities of real events brought to the classroom by some science ascirtists. This had an influence on the present direction of some science curricula.

Students in this course will participate in workshops which introduce acience cuterials developed by the Elementary Science Study. They will also read some of Piaget's theories of intellectual development and try to relate those to their classroom experience.

Group 1: Each student will work with a small group of children in a local elementary school classroom ruice a week for 6-7 weeks and will use some of the materials that they worked with in class. Students need not have any teaching experience or any science background.

<u>Group II</u>: One evening a week students will participate in a workshop with local teachers and will work as aides for these teachers and help then gather and build materials. Students in this group should <u>aither</u> have had experience teaching, curriculum planning, etc., or be Balural Science commentators

Any students who would like to participate in foresp I) but can not take the rest of the course may be able to do this. See the instructor for an interview. Class will meet MW 1-3, plus Th. evenings.

ES 121 (SS 199) STUDIES IN HIGHER EDUCATION

William Crohs

We all have chosen to be associated with an institution of "higher" education. Further, we've come to a college which portrays itself as different from others. One purpose of this course is to help us develop an overview of U.S. higher education and so have a clearer perspective on how Manaphire (and we) relate to the larger world of post-secondary educa-tion.

Areas to be explored include: the history of higher educa-tion in this country; some seemingly important current trends; the relationship of colleges and universities of U.S. society; the effect of college on students; and siter-natives to the immeshire approach. Some only placed on 4-year private tiberal arts colleges and on non-tractitional alternatives.

Students will be expected to read from works of sociology, history, philosophy and psychology, to write several short papers and to make class presentations. The intent is to offer opportunities both to increase informed solf-macrones and to sharpes skills of social science (quiry and analysis.

The course will neet twice weekly for 14 hours. Enrollment is limited to 20. Division 11 students may enroll with the instructor's permission.

Humanizing The Curriculum of Elementary Classrooms ES 206

After reflecting on various ideas and predilections concerning the process of humanizing education, the problem of "how to do it" frequently poses obstacles difficult to overcome.

process on numanazing sourceives, no problem of "now to so it" requently posses obstacles difficult to overcome.

This course will explore practical ways to humanize various aspects of the obstacles difficult to overcome.

This course will explore practical ways to humanize various aspects of the obstacle of the probabilities for acquisition of the "skills." We will see that the resisting of the present and creative yet plan a curriculum, constantly testing our philosophic intent against the realistic conditions of the classroom. Some of the areas would be will delve into are: the creation of "interest corners," recombinely, ways to disperse a life of the property of the proper

Meeting time will be Monday and Wednesday 10:00 - 11:15. Enroll-ment is open.

An Examination of Authority and Authority Figures
In Schools and Families

Fred Sokol

This group study will involve exploration of the relationships between authority figures and those who are diffected by actions to the control of the condition of the condition

Among the questions we will seek to answer are:

- 1. Should "guidlines" ever be set for children or should they set their own?
- Are methods of disciplining or punishing children ever acceptable or justifiable?
- At what age should a person's present and future be his/her own to determine?

Tentative Reading List:

The Lives of Children - George Denison
Youth - Transition to Adulthood - James S. Coleman and others
Summerhill - A. S. Neill
Family in Transition - Alene and Jerome Skolnick
Let 19 Children Work - John P. Blessington
The Symmetrical Family - Method Young and Peter Willmott
Pathways Let James J. Jules Henry
The Live of John Jacques Rousseau - ed. William Royd
The Moking of Hen - Paul Weiss

The class will meet two times a week for la hours each session. Enrollment is limited to twenty students.



# TOPICS IN EDUCATION **CURRICULUM STATEMENT**

.Coordinators: Herle Bruno and Bill Grohmann

A collection of modular courses covering varied, specific subjects related to the Study of education at all levels. Leaders include faculty, staff and advanced todents; each instructor will determine the time and frequency of meetings and limits of enrollment, if any, bodules are generally 24 works long, and begin during three designated weeks of the term (weeks of Feb. 3, March 10 and April 16);

Students may morall in any number of modules; each has its own registration number. How of the Topics are designed to be of interest and deeply on against a contract of the topics of the topics are designed to be of interest may wish to structure a semester-long sequence appropriate to their interests; others can take advantage, of the variety of short-term learning situations to find particular topics they may want to purse, further.

Descriptions of additional modules will be evaluable in the catalog supplement before pre-registration.

#### TOPICS IN EDUCATION

UNDERSTANDING SCIENCE ES 110 (NS 125)	N. Lowry
THE OPEN UNIVERSITY OF CREAT BRITAIN ES 111 (NS 114)	A. Kraes
STUDY OF THE BRITISH INFANT SCHOOLS ES 113	A. Gengarelly
PATHWAYS AND BARRIERS TO GOOD	L. Cordon
COMMINICATION BETWEEN PERSONS ES 114/214	G. Gordon
MAKING SENSE OF A COMPLEX EDUCATIONAL STRUCTURE - NAMPSHIRE COLLEGE ES 115	Sutherland
PUBLIC POLICY AND EQUAL EDUCATIONAL OPPORTUNITY ES 116	R. Alpert
ORGANIZED ANARCHY: THE AMERICAN COLLEGE PRESIDENT ES 117/217	D. Kegan
HUMANISTIC EDUCATION FOR YOUNG CHILDREN ES 118/218	J. Hardin
VALUES CLARIFICATION WORKSHOPS ES 119	J. Goodman
TURTLE - A THINKING GAME IN ELEMENTARY SCHOOL ES 122	H. Bruno
"SCHOOLS, THE MYTH AND THE METHOD" ES 123	J. Kortecamp
THE HIDDEN CURRICULUM ES 220	G, Joseph

ES 110 (NS 125). Understanding Science

Nancy Lowry

Independent Study - Science workshops and packages.

Enrollment is limited to 12 - see me. See me also concerning meeting times.

#### ES 111 (NS 114) The Open University of Great Britain

Allan Krass

Open University in Great British produces courses in all Tadadesic disciplines and these are taken either for degree credit or for pure enjoyment by students all over Great British. The only antrance requirement is that the student be over 21 years of age. The students work at home in their paper time except for a one-week summar school at which they can meet and talk with the faculty who prepared the course.

The teaching methods are multi-media, using printed material, tape casettes, radio and television broadcasts and personalized instruction by tutors.

This course will give an intro to this system and a critique of its effectiveness in Great Britain as well as its possible adaptation to the USA.

This course is a module which will meet 2½ hours each week f a period of 3 weeks beginning April 14, 1975. Enrollment is open.

#### Study of the British Infant Schools ES 113

British infant schools have had a tremendous impact on American education, particularly on the trend toward "open education." Through film, discussion, guest speakers, articles by Joseph Foatherstone, Romald Barth and others well nequainted with the English primary schools, we will explore the differences and similarities between the two countries, the original educational tered in each, of the control of th

The class will meet 3 or 4 times and each session will be  $\sqrt{2}$  hours. Enrollment is open.

ES 114/214 Pathways and Barriers to Good Communication between Persons

Linds and Graham Gordon

A weakend workshop deniing with the impact of personal filters on communication, the integration of sight, adund and symbol in communication, and the setting of contexts in which persons can hear.

Workshop is scheduled for the weekend of March 8, 1975, with two Saturday sessions and one Sunday session. Enrollment is open.

Making Sense of a Complex Educational Structure - Hampshire College ES 115

Michael Sutherland

An analysis, including body counts and hierarchies and a review of financial structure.

The class will begin April 14 for four weeks. Bey and time to be announced. Enrollment is open.

# Public Policy and Equal Educational Opportunity

Richard Alpert

this module will concentrate on efforts by the federal government and the judicial system to foster equal educational opportunity for the poor and racial minorities. We will analyze the philosophical principles involved in the concept of equal educational opportunity and explore three areas of policy sined ar bringing it about. These will be equal educational expenditures, school desegregation, and the movement for community control of schools.

The basic reading for the course will be Christopher Jencks, et. al., Inequality. Each student will be expected to write an analytical paper to explore one policy area.

The class will meet twice a week and each session will be 1 1/2 hours beginning February 5, 1975, for a four-week period. Enrollment is open.

E\$ 117/217 Organized Anarchy: The American College President

Daniel Kegan\*

"The American college or university is a prototypic organized anarchy. It does not know what it is doing. Its goals are either wague or in dispute. Its technology is familiar but not understood. Its amjor participants wander in and out of the organization. These schools of the contract of the contract

I'd like to spend our time together discussing this brief 200 page book, with reference to organizational behavior, indership, merf education, and Hampahire. We will all have the book starred by the first neering, finished by the third. Suitable for inquiry for Division I and oil. (by inoviewent with Rampahire's institutional research and evaluation is sure to manifest itself, along with my other more general concerns.)

The class will meet once per week for two hours beginning March 10, 1975. Enrollment is open.

\*Daniel Kegan is Director of Institutional Research and Evalua-tion at Humpshire College.

Humanistic Education for Young Children ES 118/218

Joy Hardin\*

We will look at the contributions of humanistic education to precatholo, kaderparten, and primary classroom. During the first two
formers will build a cursory framework of developmental theory
(primarily Plaget, Loevinger, and Kholberg) so that we can critique
various Human Development and Affective curricule for young children from this perspective. The second two weeks we will focus on
real classrooms for which we will design, try out any observasequence of expertences on some
sequence of expertences on some
sequence of seperiors of the sequence of the module, students
by the end of the module, students
group and dasign appropriate exercises.

Clearly this would be a presumptuous undertaking without considerable background on the part of participants. The prerequisites, therefore, are fundilarity with at least one of the developmental theorists and experience teaching in a pre-school, kindergarten, or primary grades.

The class will meet twice weekly for two hours, beginning March 10, 1975. Enrollment will be by instructor selection.

\*Joy Hardin is an lastructor in the Outdoors Program at Hampshire College.



#### Values Clarification Workshops Joel Goodman\*

A series of four evening workshop sessions.

Sessions will be held Wednesday evenings; time to be announced later. Daroliment is limited to 10 students on a first come first served basis. Newwer, the workshops will also be open to 10-15 other students on a workshop-by-week basis.

\*Joel Goodman - School of Education, University of Hassachusetts.

TURTLE - a thinking game in elementary school

"Turcle" looks like a real turthe on wheels. It is transparent and hitched to a computer, can be ordered to wheel around, toot, trace its journey and cheel classrooms to give children an opportunity to think about and work with machematical concepts. People who have used it say "children get over their foor of making satekes, locare committee to the computer animations and can even work on language projects. I have never seen Tuttle in action and I know almost mourage projects. I have never seen Tuttle in action and I know almost mourage the computers. I would like to spend classrooms. I have no opinion talking about our it of anyone wants to spend some time playing with it, please let one know and I'll work out borrowing Turtle for a few weeks in March.

I hope people who are interested in teaching but don't particularly like math will come (as well as math-freaks) and maybe some local teachers will join us too. If you are particularly excited by this dies, talk to me soon. I could use some help organizing everything.

The class will begin March 10th, will meet for 3 weeks and is lighted to 20 students on a first come first served basis.

"Schools, The Myth and the Method"

John Kortecamp

This module will investigate the gap between theory and practice in the schools. All too frequently we hear administrators or teachers saying things like "our kids come first" ow-bur very open here" or "this school has been on the fore front of change." However, when one spends time in those same schools, it becomes apparent that somebody is being less than honest in the description of the actual practice in the schools.

In this module we will be looking at some of the real purposes of schooling and determining why such a credibility gap exists.

scneeling and determining why such a credibility gap exists.
The mobule will meet twice a week for one and a half hours and
will be comprised of sentiner discussions based on films and readwill be comprised of sentiner discussions based on films and readreading two books; The Great School Lagend by Collin Great of
the Great School Lagend by Collin Great on Mondays
while Educated by Carl Selection: The mobule will move and
who design of the Great School Lagend by Collin Great
and Wednesdays from 10 to 11:30 a.m. in the centre on Mondays
and Wednesdays from 10 to 11:30 a.m. in the centre of domit
five. The Class will begin the first Monday the semaster and
is limited to 15 students. Sign up is on a first come first served
basis.

ES 220 The Hidden Curriculum

The module will be developed within the areas of socio-economic stratification; the misuse of 1.Q. testing; and the influence of culture on school achievement.

The course will start the 5th week of the semester and will be offered to Division II students. Course limited to 20 students.

### **FOREIGN STUDIES CURRICULUM STATEMENT**

The Office of Forcign Studies counsels students who are preparing for field or formal study outside of the United States as part of their Hampshire education. Within the preparation for forcign study, the office also supervises forcign language and the states of the supervises forcign language courses it serves are an information centure and it conducts reasonable of forcign on the Five Oilege of Oilege Oilege

A folder entwering the questions students ask most about forcign structes and forcign are readed for forcign are readed and forcign are r

Of the Five College language courses, those offered on the Hamp-shire campus for Spring Term 1975 are the following:

FS 110, 150, 210 SUPERVISED SELF-INSTRUCTION IN FRENCH

James Watkins

This course is designed primarily for those who plan to work or study in a French-speaking country. Students taking it range from beginners to those with more than six years of previous training. It can be started at any time during the acadesic year.

The course comprises thirty-three units lending to a solid proficioncy in all skills. The student must demonstrate fluency in one unit before conceiding to the next. This fluency is reached: () by the student of the thirty conceived for self-incoin, and (2) by private meetings with the instruction of the student of the completion of a unit is lifteen hours. The concentration of this time and the rate at which units are completed are determined personally by each student.

For students from the other colleges where a question of credits may arise, the number awarded at the end of a given term will depend upon the number of units completed. Generally, three to four units will give one credit.

Each student should consider the purchase of a good, reliable cassette player as a necessary expense. The number available through library loan is limited.

Enrollment is open, but a personal interview with the instruc-tor is required. Make an appointment with Mr. Watkins by calling 542-666. Course meetings are individually arranged with each student.

FS 115 SUPERVISED SELF-INSTRUCTION IN SPANISH

Seymour Pollock

This course is designed for those students, especially beginners, who wish to advance toward an active competence in Spanish, but at their own pace. Those registering for the national students will need as a group with their director at the beginning of the sensater for intensive work in phonology and compeniatence with methods and materials. Thereafter, students will meet independently with him as their needs might warrant and for testing purposes.

Emrollment is open, but a personal interview with the instructor is strongly recommended.

# Spring Term Course Guide 1975

FS 135 . SUPERVISED SELF-INSTRUCTION IN PORTUGUESE

Subject to demand. For description see the listing for <u>Supervised Self-Instruction</u> in <u>Spanish</u>.

READINGS IN HISPANIC LITERATURE

#### Seymour Pollock

Through close reading of a selected list of Hispanic works an attempt will be made to explore man's changing relation to hisself, to his femily, and to his occial and natural environment. Since the books chosen for study and discussion will require solid unduratending of language, and the second of the second

Enrollment is limited to twelve students. Classes will ly hours twice a week (Monday and Wednesday from 2-3:30)

NOTE: See also ES 105, Field Work in Bilingual-Bicultural Education in Holyoke (Instructor - Seymour Poliock).

FRENCH TUTORIALS

James Watkins

For those students who have completed FS 210 or its equivalent and who are planning for the near future field or formal study in a French-speaking country, guided reading and discussion in French can be organized around subjects answering special need-and interests.

Approval is necessary before registration. For an appointment with Mr. Watkins, call 542-4664.

FS 250 L'EXPRESSION LITTERAIRE: SENS ET CONTRESENS

This course, as described below, continues the study of French for the student who has completed the basic courses, has lived in a french-spacking country and has now asserted the overgray use of the language. It introduces the student to accomplishing of French as an instrument of personal, original literary expression, and by so doing serves to prepare the student for literary studies in a French university.

Traduire, c'est trahir beaucoup. L'empreinte d'un autour lui est originale et ne peut se comprondre que dans la longue même qui lui tra propre. Le cours consistera donc à étudier même qui lui tra propre. Le cours consistera donc à étudier de note saus la revers se langue, à étudier non ses simples jeux de notes mais le jeu de sers mots et leur plein sens selon leur origine, leur place, leur sonorité, leur choix, leur composition. L'élàvé fers autrout son étude dans le texte nême, en exploitant au maximum les connaissances qu'il possède déjà.

Hervé Bazin, de par sa langue un des plus français des auteurs contemporains, se prête particulièrement bien à cet exercice, et deux de ses romans en feront l'objet.

S'intiter ainsi à la langue littéraire suppose une competence déjà acquire dans la langue usuelle: le <u>Gertificat Fracique De Langue Francelse</u> ou l'équivalence. Pour déterminer colle-ci, if sera desandé à chaque à lève, avant de a'inscrire, de prendre gendez-vous avec M. Watkins (542-4664).

L'assistance au cours sors régulière, la préparation rigoureuse, la participation active. Il est donc counseillé de s'en abstentr à ceur et à celles qui ne sont pas disposés à respector ce régime.

La classe se réunira pendant une hours et demis deux fois par

#### **DIVISION III INTEGRATIVE SEMINARS**

		P. Glazer
WOMEN'S STUDIES IN 311		B. Turlington
HUMAN ENVIRONMENTS		P. McKean
IN 314		H. Stone
		H. Wilcox
	/	N. Morton
SOCIAL SCIENCE WORKSHOPS IN 316	•	B, Linden .
STYLES AND STRUCTURE , IN 318		R. Coppinger C. K. Smith
MASS MEDIA: POWER, PRIORITIES, AND PARALLAX IN 321		B. O'Leary D. Kerr
EXPLANATION: INTEGRATIVE SEMINAR		H. Bernstein
IN 322		M. Radetsky
14 322		S. Warner
ATHENS IN 325		R. Meagher
SENINAR ON COLOR		A. Hoener
IN 327		J. Murray
		C. Witherspo
INEQUALITY AND ACCESS TO JUSTICE		R. Alpert
IN 329		J. Landes
		O. Fowlkes
HARD TIMES - A Student-Led Seminar		T. Kizzia
IN 330		H. Lenow

WOMEN'S STUDIES

Penina Glazer and Barbara Turlington

What is women's studies? Are there common underlying themes, assumptions, methodologics which are useful to researchers interested in history, psychology, biology, sociology or art of women? How much reliance on traditional disciplines is necessary?

We will use the seminar to share bibliography, assist in clarifying methodological questions and to test out generalizations which might be emerging. Some recent interpretive readings will be used.

The course will meet once a week for two hours.

Enrollment is unlimited. Open to Division II students with permission of instructors.

IN 314

HUMAN ENVIRONMENTS

Philip McKean, Nancy Morton\*, Harris Stone, Margaret Wilcox, et. al.

This seminer is intended to gather together those of us who have a continuing feacination with our environment, and have been studying in depth some aspects of it he arts or aclences, of social or natural history which involve relationships between humans and then speece shey perceive, inhabit ment to ourselves, to give it contents to index or the content of the c

Enrollment is open. Meeting times to be announced. \*Nancy Morton is a Division III Hampshire College student.

SOCIAL SCIENCE WORKSHOPS

One month long seminar intended to assaist Social Science Division III students who are in the process of working on projects. Students enrolled will report on their project to fellow students and faculty with the objective of receiving advice, information, corrections and spudelines for appropriate and solid project completion. Attention will be focused on such aspects as research design, conduct or research, and the reporting of findings, remove the these workshops will continue to the these workshops will continue the theory of the total continue of students and faculty in reporting the parts of set best suit the titing of students, work through both semesters.

There will be two evening meetings per week of two-hous duration each.

Enrollment: workshops are limited to eight students per month on a first come first serve basis. No workshops will be given in May.

STYLES AND STRUCTURE

Charles Kay Smith\* and Raymond Coppinger

As you proceeded through Hampshire College you should have be-gom to realize that disciplines had atrustures whereas indi-viduals had certain asyles within those disciplines. Throughout your studies, we have encouraged you to develop your own styles and atrustures.

This cominor is designed to explore in an integrative way styles and attractures in thinking and writing. It is hoped that it will help you know and identify you row competers and to help you polish your individual styles. In the precess we hope to analyse anay structural ways of thinking in writing and explore the styles of some of the "greats" in their streept to communicate that ideas.

We hope that Division III students from all four schools at Hampshire will participate and where will be some students from the University of Massachusetts enrolled.

Enrollment is open. Meeting times to be annot

\*Kay Smith is a professor of English at the University of Massachusetts. He has recently published a book entitled "Styles and Structures." He is currently writing a second book with Professor Coppinger on human evolution.

IN 321 MASS MEDIA: POWER, PRIORITIES, AND PARALLAX

Brian O'Leary and David Kerr

This seminar will explore the following related questions:

- . What is the role of mass media in determining political and social decisions?
- What is the role of mas, media in establishing and reinforcing priorities and attitudes?
- . Who uses mass media to elucidate, complicate, obfuscate, dictate, and disintegrate?
- . What are their methods?

(Note: "Mass Media" as we're using the term includes special interest publications and some reports and findings destined for limited circulation.)

Not limited circulation.)

Students will be encouraged to explore some mass media remifications of the specific area of interest they are pursuing in their Division III work. For example, a student interested in studio art might wish to learn more about the role of most remosal and the student of ilterature sales and the student of ilterature sales which are the process by which an excellent bushing seconds. An environmental studies contained to the student of the students of the students

The seminar will begin with readings and discussion about the evidence of mass media effects and explore as a first case study the question of media's role in hASA's projects and polities.

Each student will be expected to make a presentation to the seminar and submit the results of his or her research.

The seminar will meet once a week on Wednesdays from 3:00 to 5:30.

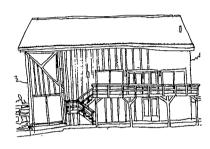
Enrollment limit: none

ATION: INTEGRATIVE SEMINAR Herbert Bernstein, Michael Radetsky, Stanley Warner

We cant to bring together students doing Division III work in natural science, social science, and philosophy of science to discuss theories of explanation and their significance for the senthodological practices of natural scientists and social scientists. We will begin by investigating some contemporary on the contemporary and relate questions and theories, and relate questiony to observation, read that connection between causation and other types of correlation.

After this, there will be an introductory presentation on the role of explanation in the natural sciences, after which students will be given an opportunity discuss the problems of their Division ill projects in the role as attempts at, or parts of, scientific explanation in the second of the se

The seminar will meet once a week for three hours.



ATHENS

Robert E. Mosghor

To integrate is not to mix or to crosts or to confuse; in fact, to integrate is iteal of a mismonr. For what is integral is already of iteal confuse; in the strength of th

dents.

To qualify for this sominar each interested Division III student must submit a brief attement of interest to Robert Meagher (Marner House 6) by Medneidby, November and a cope of his his part of the control of

Class will meet twice a week for a total of four hours. Instructor selection.

Arthur Hoener, Joan Murray and Chris Witherspoon

This seminar will be a forum for investigating in depth any espect of color be it theoretical, artistic, psychological, or scientific. The particular size will be to explore one's somecolor interest while sharing the process and results with others who are involved with different aspects.

This exchange should provide an invaluable resource for expanding one's thinking and will allow students to investigate color in a core thorough and comprehensive manner than would otherwise be possible.

Class will meet once a week for three hours. Instructor selection.

IN 329

INEQUALITY AND ACCESS TO JUSTICE

Richard Alpert, Joan Landes and Oliver Fowlkes

This auminor is directed toward bringing together Division III students from various disciplines to discuss the following and other questions pertaining to the inequality and access to justice topic:

- Mhut are the historical and theoretical foundations for the system of government in this country and how has this system responded to various groups seeking access to justices.
- Who are these groups and what kinds of inequality exist among them?
- What are the possible governmental and societal responses to the lack of access problem?

In addition to doing a number of integrative readings, participants will be expected to contribute their own ideas and assauch to the ends of the seminar.

It is anticipated that other faculty will join in the seminar from time to time and several speakers of national stature are expected to make presentations during the term.

Meetings will take place once per week for approximately three hours. Enrollment is open.

HARD TIMES - A Student-Led Seminar

#### Thomas Kizzia\* and Howard Lenow\*

What is important to learn, with a future so bleak? 'Perh: )s from a study of hard times, we may learn how to survive.

As past classes have studied the 1890's and the past-wer decade, this Division III seains will focus on the 1800's from a widd variety of division the season that the season the season that the season that

We would hope to take a wider stance even than past "decade" courses, in that we want to encourage Natural Science and Language and Communication participation. Students who sight find this seminar particularly helpful are those whose Division ill work deals with government planning, by the particularly helpful are those whose Division concentre, literature, education, journals, or enthist studies, photography, conservation and actence and society.

\*Thomas Kizzin and Howard Lenow are Division III "students. (Tom's Division III project is "Study of the Populace in America," and Howle's is "Study of the Relationship of Labor and Law During the Past 100 Years of U.S. History.)

# MATHEMATICS AT HAMPSHIRE

Nathematics is a sprawling and pervasive field, variously viewed by its practitioners as a tool, an art form, a language, the ultimate reality, or esceric artificiality. The traditional classification of mathematics among the sciences indicates a fruitful joint evolution rather than shared methodology. Statistics is often classified among the social sciences and computer elence. Is tentatively joined with engineering. The power of mathematization in these fields continues to suggest acrong interdisciplinary approaches.

Mampshire's mathematicians, currently in three Schools, seek to meet the short and long range mathematical needs of the College and to complement, the atrong mathematical curricula slewhere in the Valley. While a traditional math major is possible at Humpshire, atomers are monocuraged to explore the opportunities for interdisciplinary approaches and to join in the areas of special interest of the faculty.

special increase of the faculty.

In addition to the courses listed below, much seminors are frequently attached to physica courses, "Book Seminars" provide an appartunity for a small group of students to work together on a topic of mutual interest with regular neetings with a staff member, "Math Help" is available several nights a wack, and. "Frime Time Theorems" offer one-dose trates of mathematics. These activities are announced in the "Math Room," Cole 125 Since 1971 Hampshire College has hasted the National Science Foundation Summer Studies in Mathematics. These programs have engaged talented high school students actively in the processes of mathematical thought.

of mathematical thought.

Division [ offerings will provide many alternatives to the calculus; courses or labs in statistics and computers will be offered each term. Division II students can plan on at least one course each term relating to each of computer science, statistics, and anthematical logic; a course in algebra will be offered each fail, and one in analysis each apting.

The following courses for Spring 1975 offer significant mathematical experience:

LC 138 Automata Theory LC 153 Computer Laboratory NS 171 Seminar in Number Theory

#### Division I/II

LC 169 (269) Higher Level Languages LC 191 (291) Applied Algebra NS 128 (228) Calculus Workshop NS 123 (223) World of Mathematics

LC 249 Mathemotical Proporties of Transformational Greenars NS 208 Mathemotical Physics and Vector Mechanics NS 213 Analysic Through the Ages: The History of Calculus

#### **LEGAL STUDIES**

The law Program is multidisciplinary. We are interested in examining issues in law and society from a wariety of perspectives. We seek to organize and support activity serous School, divisional, and other boundaries within the College. In particular, the Program Includes courses, independent studies, concentrations, Division III projects, public events, field study support and supervision, and acquisition and maintenance of library and other resources.

Law is a phenomenon which touches every aspect of our exis-tence. The study of law, legal processes, legal ideas and events provides a focus for many kinds of inquiry. The range of activities possible within the scope of our law Program is as broad as the interests of those participating in its

The Law Program is not designed as preparation for law school. Although there is some overlap between the interests of students who want eventually to go to law school and those who want only to include the study of law as part of their undergraduate education, the law Program as such is concerned only with the latter. Pre-law counselling is done by Bruce Carroll, Oliver Foulkes, Edward Greer, Lester Mazor and Kenneth Rosenthal.

Each year the law Program offers some courses in Hampshire's Division 1, Boate Studies. Like all Hampshire Division 1 courses, the primary objective of these courses it to develop the student's understanding of the mode of inquiry of the school or Schools in which help are taught and generally to contribute to the student's growth as a learner. These Division I courses are usually topical in nature. Buring the spring sesenter of 1975 we will offer 53 15°, McCarlotte Populitical Purcel Confessor of the State of States. New population of the states of the st

The Division II courses are the core of the Law Program's content. Students who plan a concentration in law, or, as often the case, a concentration which includes some aspect law in it, should look to the Division II courses not only the foundation, but also as the entry point for their work. The most basic and general courses are usually offered in t fall senester. This spring we will offer SS 221 Racisa and the Law, Nary Kaufman; SS 298, Constitutional Law: Civil Liberties in America, Bruce Carroll.

Division III Seminars are designed to address a broad topic requiring the application of various disciplines and involving diverse values and judgments as well as data and methods. This spring we util be offering an Integrative Seminar on Inequality and Access to Justice led by Richard Alpert, Joan Landes, and Oliver Foelbes.

For other legal studies courses offered in the 5-C area, refer to the Legal Studies Booklet published by the 5-C Coordinator's

Office.

Independent study related to law may be done under the supervision of any of the faculty vorking in the Law Program. In particular, Bruce Carroll specializes in American Constitutional Law and the legislative process, and can assist acudents in arranging governmental intereships; Oliver Foolkes is especially interested in mental health. logal profession, representation arranging field work placements; Edward Creer specializes in andinistrative law and urban legal processes; John Bornik is interested in law and psychology. Howy Edwards is removed for her work in labor law, prisoners' rights, political trials and east supervised that the processes; John Bornik is interested in law and specially in the supervised of law inforcement; Laster Mazor is especially interested in legal history, builtoney of law, the legal profession, criminal law, labor law, and family law (and processes in the control planting and organizational sepects of law inforcement; Laster Mazor is especially interested in legal history, builtoney of law, the legal profession, criminal law, labor law, and family law (and control to control to the control to control to the control to t

Students have designed concentrations which draw very largely upon Law Program courses or which include some contribution of the Law Program to their plan of study. These have included concentrations in law and education, prisons, law and inequality, law and theater, juvenile courts, and relevant portions of concentrations in politics, history, economical control of concentrations in politics, history, economical court of concentrations in politics, history, economical concentrations in control of concentrations in control of concentrations is concentrated to stackments are available in the Law Program Center in Patterson Nall.

Several Division III projects aiready have been completed with support in whole or in part from the Law Program. Students who wish to consider doing their Division III project in the study of some legal phenomenon should consult with members of the Law Program Steering Committee.

The Law Program has sponsored a number of House Courses in past years. Hembers of the Hampshire Community who are inter-ested in organizing such courses with the support of the Program faculty are encouraged to talk to numbers, of the Steering Committee.

The Law Program regularly sponsors speakers, films, and other special events. Numbers of the Napshire Commonty who have in nind some event which would be appropriate for sponsorable by the Law Program are encouraged to subject a request for support to the Steering Committee.

request for support to the Steering Committee.

No formality of addision on membership is required for participation in the Law Program. The mestest way to indicate you can be a supported by the support of the law Program and the septiment of the support of the law Program mailing list so that you will facety monities of Law Program may organize and conduct their activities. The list is maintained by Gale Gustavsen. The Law Program conductives accounts working in the Program may organize and conduct their activities, is in Patterson Mail, can conduct their activities, is in Patterson Mail, can be conducted as is no lodd or goaler information but the gradient formation working in the Program can before a monouncements of these lunchenous are made in Glimax and individually by mail to those on the Law Program mailing list

R. Bruce Carroll
E. Oliver Foulkes
Ken Carfield
Ed Greer
Gale Gustavsen
Pat Hennessey
Howie Lenov
Berbara Linden
Lester Mazor
Meredith Hiller
John O'Halley
Joe Rutledge
Barbara Yngwesson



#### THE COLLEGE WRITING LABORATORY

The inability to write well in college is widespread, not limited, and the task of teaching writing in college is a general responsibility, not a chore reserved for English teachers.

We are beginning, this Fall Torm, to develop a coilegewide writing lab for dealing with the range and variety
of writing problems typical at any liberal area college,
Eugeno Terry and Francies Smith will continue to offer
their writing workshops as regular libad courses in College
Writing. Broom Kennedy will had courses in College
Writing. Broom Kennedy will be college
Writing. Torm Kennedy will be college
Franker and the college
Writing and writing tutoriol. Natalio College
Writing and writing tutoriol. Natalio College
on such typical research problems as location of sources and
note-taking.

Mo shall also begin, with the cooperation of faculty members from the other Schools, creating special modular units with special emphasis on Social Science research, Natural Science reporting, and Communications skills of all the kinds one is likely to require in college. Although the suggested with the control of the communication of the second state of the second secon

The general model we are planning will probably include these components: A full-term course in writing, individual tutoring, and some type of recurring modular instruction in writing and study skills which would involve faculty from each school.

from each school.

One planned progres will involve a one-month module in the Fall Term for Division III students on research methodology, taught jointly by a member of the faculty end a member of the library center staff. At that time, with preliminary project proposals in hand, the quality of the student's virtiem work could be assessed and he or she could be assessed and he or she could be assessed and he or she could be assessed and he or on the could be student from course on the design such module on the particular spen course on the design such module on the particular by the faculty member. At the Division I or il level, emebers of the library staff and school faculties could provide a range of options for Individual or group instruction. One faculty member has suggested that a short course provided the supply on how to prepare a transcription and provides a supply on how to prepare a transcription and provides a supply on how to prepare a transcript and my of the schools.

The four School Advising Centers will be used as information centers for the Writing Lab as it develops. Any Eudemts in any Substain in any School who want to died out about special work in College Writing should take the question to a School Advising Center.

# LIBRARY CENTER INFORMATION CLASSES

The staff of the Library Center is teaching a series of classes on information sources and library resources in specific subjects. Each topic includes a series for subject subjects. Each topic includes a series for subject subjects of the series for subject subjects of the series for subject subjects and topic subject subjects of the series for subject subjects in a subject subject subjects of the series for subject subjects in the series for subjects in the series for subject subjects in the series for subject subj

need during, February for the 10; lowing ceptes:
Introduction to the Humpshire Library Center
Environmental Studies
Environmental Studies
Mana Communications
Black Studies
Human Biology
American History
Film and Film Study
American History
Legal Studies
Art
Architecture and Urban Design
Huste Spurces

For more information and to add suggestions for spring or fall terms, contact Anne Peyton or Susan Dayall, x4833 in the Library Center.

# **OUTDOORS PROGRAM CURRICULUM STATEMENT**

The Outdoors Program is a voluntary, co-ed sitemative to compulsory physical education and intercollegiste team sports. In the first three years of its existence, it has offered students extensive opportunities to learn mountain cliebing and kayaking skills, with an orientation toward student and satef-initiated expeditions and trips. Equipment and arrangements for cross-country skiing, enowshoring, backpacking, bitting, canosing, and camping have been made continuously available.

The Outdoors Program for 1974-75 has decided to give special combasis to integrating outdoor and physical learning experiences with the rest of college and of life. Programmatically this ceans the Outdoors Program colleborating with Mampahire staff, Eculty, and students in ongoing courses (a possible example: a cannow trip as part of "The American Literary Landscape") and expending Outdoors Program courses to include interdisciplinary offerings (like David Roberts' and Ed Mard's "Literature of Great Expeditions" course).

"Fusion of body and intellect" has long been a goal of the Outdoors Program. This year body potential work -- the arts of self-defense, body wareness, and dance -- will be initi-ated alongstot the ongoing climbing and kayaking programs.

A third goal, to facilitate a personal experiencing of nature will translate into opportunities for local natural history supporations, as well as continuing to cashe hising, bitsory, camping, cross-country skiing, anowhoring, caving, and op-patitioning available to interested students.

A fourth major emphasis is on students self-directing their own physical and recreational development, rather than formal tomas and major consumers to the formal team of the consumers of the co

During January Term and vecetions, the Outdoors Program's major trips and expeditions occur. Climbing trips have included ascents in the Brooks range in Alba. and three winter trips in the Colorado mountainer; soyaim trips have included boating on the Nio Grande in Taxes and too spring trips to Smoky, Monntain trivers.

The Outdoors Program emerges on not a physical education department, not an athletic program, not an obting club, not an outward Bound model, not an enture study program, not intremarial, and not a Supol of the Collage. What is if: Is an attempt of the collage of the collage of the collage of the collage of the collage. What is if Is an attempt of payba, to promote an awareness and undertained in a collage of the collage o

#### **OUTDOORS PROGRAM**

- Top Bone Rock Climbing: Par people who want to learn
  top tope climbing. No rock climbing experience is accotop: Class will need seed Weds. afferances from 1:00 to
  400 p.m. for three or four weeks. First class meeting
  will roke place when the weather gain climbing of the property of the climbing of the property of the
- Top Rock Climbing: Same as above except meeting Tues, afternoon from 1:00 to 6:00 p.m. OP 101
- Lean Climbing Class: For people with some rock climbing expertunce who wish to learn how to lead. Class will meet Friday afternoons from 1:00 to 6:00 p.m. First, class will take place when the weather gets wars /mough to climb and will be announced by the Or office. Sign up at the OP office in the Robert Crown Center. OP 102
- 4. Load Climbing Class: Same as above, except meeting Weds. afternoons from 1:00 to 6:00 pm. OP 103
- Beginning Kovoking Class: This is for sheer beginners with have never paddied. After completion of this class a beginner is ready to go not easy whitevater rivers. Fundamentals will be stressed and the padding will be done on the Connecticus Miver and the imagenize Fondamentals will be connective Miver and the imagenize Fondamentals will be connective Miver and the imagenize Fondamental Sign up at the OF office in the Bower Growning of the Connective Miver and the imagenize Fondamental Sign up at the OF office in the Bower Growning of the Connective Miver and the Mive and the Miver a
- Kayak Rolling Classes: These classes will be learning the Eskimo Roll. Limit of 6 people per class.

  - OP 105 Tuesday 9 10 a.m. OP 106 Wednexday 7 8 p.m. OP 107 Thursday 2 3 p.m. OP 108 Thursday 3 4 p.m. OP 109 Friday 9 10 a.m.

  - Sign up at the OP office in the Robert Crown Center.
- Kayak Building Class: This class will be held over a weekend in early February. Consult OP office for sign up sheet and details. OP 110
- op sneet and metatics. Or not good to develop experience with open canoes for river running and lake experience with open canoes for river running and lake expeditions, and ar the same time introduce monocions about goology, meteorology, ornithology and forestry that make canoe triping much more enjoyable. We will learn padding and poling techniques for upstream as well as downstream trovel; with information on the use and come countries more than the canoe by American Indians. It is there, we cought to think of making a bark canoe as well.Limit of 12 people. OP 111
- Environment: Sense and Senstivity: Same as SS 220/ NS 202/07 200. Class will meet twice weekly for two hours. The seninar is appen to Division II and Division III students and Division I students who have a back-ground in related fields. Limited to 20.
- <u>Mature Trips:</u> Ralph Lutts, naturalist, will take day trips to local areas of ecological interest, mostly on weekends. Consult the OP bulletin boards and newsletter.

Education of he Self Through Physical Activity: Joy Bardin and Roy Issashiro. Instructors Socrates: Let me play with a man for on hour. and I will know more about him than talking to him for ten hours.

will know more about that that making to the following for the following following for the following following for the following following following for the following f

- such self knowledge will be:

  1. Understanding the assumptions about self knowledge implied by each tool (instrument) (Example: finance) as a tool derived from Freed Assignation of the un conscious, Jung and athlete's descriptions of pressure and about onseel from one's knowlement in physical activity (Example: One student used the trumpet process to change her pattern of "Cinking just when I'm about to hit the (badminton) birdie... just the way I retreat at the point of real constant in a developing relationship.")

  1. Using these tools to expand her'his repertoire of physical affective and cognitive behaviors.

  1. Using these tools to expand en's experiencing of her/his body and sind.

Readings: from psychological theorists such as Perls,
Lowen, Maslow, Kelly, Assipoli;
Zen in the Art of Archery, Herrigal;
Golf in the Kingdon, Marphy;
Born to Win, James and Joneguard
and other handouts and articles.

Format: Classes meet Tuesdays from 1:00 to 6:00 p.m. in the Center Room of Donut I and vill involve exercises, processing, discussion. Participants vill choose a physical activity (e.g. a sport, dimer, martin choice and thing) to engage in our participants vill choose a physical activity (e.g. a sport, dimer, martin choice and the control of the con

- Women's Practical Self Defense: Narion Taylor, Joy Hardin, instructors. This course is not to learn a marcial art, but to feel like we are papered for situations in which we want to dark the proper structions in which we want to dark the proper structure of the property of the property
- for times. OP 112

  London and Hywidel Competence: Joy Mardin, instuctor.

  London and Hywidel Competence: Joy Mardin, instuctor.

  London and Hywidel Competence: Joy Mardin, instuctor.

  London and Joy Lo
- 14. Tai Chi Chuan: Paul Gallagher, instructor. Tol Chi is a "moving meditation". Although at advanced stages the forms maght be used for self defense, early

learning of the forms is rather more for health, center-edness, fluidity and understanding the principles of the ancient Chinese classics. The class times can be obtained from the OP office of newsletter. OP 114.

- - sis on sparring. es for classes will be announced by the OP. Check the sletter and OP bulletin board in the Robert Crown Center
- OP 115

  16. Aikido: Marion Taylor, instructor.

  Aikido is a Japanese form of unermed self defense having Molfensiwe capabilities. It depends for effective ass on the defender "untaining his own balance while redirecting the opponent's actack so as to unbelance his. Aikido techiniques allow the opponent's attack to be foiled, the opponent to be helped gently to the ground and principlining calls and their without doing any physical ground and principlining also and the property of the property of the principlining and the component of balance and into faciliting; types of pins; and ways to gain release from various grabbing or holding attacks. Check the OP bulletin board and newsletter for times. OP 116
- 17. Spring Break Kavak Trip: Frip to Bryson City, N.C. on the Nantahala and Chatcogs River. This trip will consist of two groups: beginner and advanced. People in the advanced group must have mastered the Eskir, Foll and provide their own equipment. Cost should be around \$60 per student. See the OP bulletin board and newsletter for specific times. OP 117
- Spring Break Climbing and Caving Trip: Details of the trip to be announced by the OP. Watch the newsletter and OP bulletin board. OP 118

#### FEMINIST STUDIES

Although Hampshire does not presently have a formal feminist studies program, a number of faculty members are willing to help students with academic work in this field:

Social Science

Louise Brown Kennedy

Language & Communication Jan Tallman Natural Science

Laurie Nisonoff
Penine Glaser
Nonica Pulkner
Joan Landes
Louise Farnhum
Lester Masor
Carol Bengelsdorf
Gayle Hollander (on leave)
Niriam Slater (on leave)
Mary Warner Mary Warner Cloria Joseph Barbara Turlington

Susun Goldhor Namey Goddard Saundra Oycwole

Humanities & Arts

Related courses for Spring Term 1975 are:

NS 153/SS 111 Biological and Cultural Bases of Sex Differences

Students who wish to do academic work in feminist studies should consult the Five College course listing of course offerings in the Valley, call the Whole yomen's Center at Hampshire, or call the Wood women's Center at Hampshire, or call the Wood with the Wood was at the University of Hassachusetts.

### GROUP INDEPENDENT STUDY: THE INSPIRED IN MUSIC

In the course we hope to achieve two goals for the participants:

- To increase the range and scope of music that one appreciates, and the depth of that appreciation, com-prehension, and enjoyment.
- b. To communicate something of the creative processes involved in creating music of any type.

This course will be a means of increasing communication between materians and their potential audience. That communication should flow both ways. We hope to initiate a fresh sense of confidence in the listener who disbelieves bimself to be an integral part of master.

The group will pursue these goals by reading and discussing aesthetic philosophy and music; by listening to and analyzing certain works; and by bringing into the classroom performers and composers to explain what they do, how they do it, and why they do it.

We will discuss the dichotomy of the Western European and Afro-American musical traditions, and the success of certain pieces in combining those traditions.

The opening meetings of the class will be spent with the music of Brian Wilson and the Beatles, in order to develop analytical and observational skills with familiar music. We will lovek with swing, bop and contemporary jazz, 20th century classified with a swing, bop and contemporary jazz, 20th century classified with a swing to be avent-garde and Himbs music land Strawfack, Bertok, vill litera to which will litera to which we will be a swing with the beauty skill litera to be swing with the swing will be a swing with the swi

Members of the group will be expected to read at least one or two books selected in consultation with the leaders and do ex-tensive listening outside the class.

The course is intended for the listener and amateur musician and will work with the varying levels of musical knowledge of the class. Work in the course can lead to a Division I H&A exam.

The Study Group will meet twice a week for 14 hour sessions. Enrollment is Itmited to 20 students, and those interested are encouraged to talk with the student instructors.

\*Mark Wittow and Chris Young are Division 11 students contrating in music. Randall McClellan is acting as faculty supervisor.





#### **FACULTY**

# SCHOOL OF HUMANITIES AND ARTS

<u>Hirium Barndt-Wabb</u>, visiting assistant professor of music, earned her B.Rus, at the University of Michigan, har M.A. at Boston University, and her Ph.D. in Musicology at the University of Illinois. She has caught at Lafayette and Wilson Colleges in Paumeylvania and the University of Illinois.

Michael Benedik, associate professor of literature, is an accomplished control of the professor of literature, is an accomplished portry collections Sky, The Body, and bole Doces. He is also poetry collections Sky, The Body, and bole Doces. He is also poetry editor of the Porte Review, editor of the Theorem Collections, the Postry of Surrealism and The Profe Post. He was an associate editor for Art News for a decade and New York correspondent for Art International; and has edited three anthologies of concesporary theatre. He holds a B.A. from New York University and an M.A. from Columbia.

all D.A. ELUM COLUMNIA.

Later Destrict. associate professor of human development,
Johned the Hampshire planning staff in 1967, and has davoted
Johned the Hampshire planning staff in 1967, and has davoted

"Misself particularly to containing experiential and self-reflexive
approaches to personal protech, self-reflexive containing the proteches of the containing th

Raymond Kenvon Bradit, assistant professor of philosophy, although mainly a scholar of the western philosophical tradition, is also obtained by the fastern Studies scholarship, the holds a h. which we have been supported by the control of the con

Jess Cloud: Its presently concerned with Continental and English Renatesance. His special interests include Shakespeare, the history of ideas and the relationship between science and the humanities. He carned his B.A., M.A., and Ph. D. at Columbia University.

Chris Enos, visiting assistant professor of photography, earned a B.A. In sculpture and an M.F.A. in photography at the San Francisco Art institute. She has had diverse teaching experience at such schools as the San Francisco AdadEmy of Art, the University of California at Berkeley, and most recently at Windham College.

Van S. Haisay, ir. director of admissions and associate pro-fessor of American Studies, was associate director of admissions at Amberst College from 1956 to 1969. His special interests include Cueder training and the product of new history materials for secondary schools. His A.A. is from Nutgers University and his Ph.D. from the University of Pannsylvania. Professor Malsey will be on leave for Fail Tern 1974.

Arthur Phones, professor of design, was formerly chairman of the design department at the Massachusetts College of Art. He last a B.F.A. and M.F.A. from Yale University and correlates are "Cooper limin in New York City. His securious and lesign work have been underly exhibited and he has serves as graphic by a consistant for the Rosson Society of Archivetts and the last of Architecture and the securious a

19. Assessment professor of literature, to interested that iterative section the relative section that return the received a 9.8. The relative section that return the received a 9.8. The relative section that the received a 9.8. The relative section to the relative section to the relative section to the relative section and a relative section to the relative secti

20. Astron. professor of history, received i A.A.

20. Average of Missouri and a P.D. in Smooth history

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20. Average of history, i fraiton.

The fire assessment protection of design, is a practicing material design, a designer, as writer shore books include the material filterial activity of antaly, and the life in the material falls order to an anglery According interact with the Burch, to from the University of Liverpool on a fair training at the University of Liverpool on a fairty, it scholarship.

<u>Notice Brown Kennedy</u>, assistant professor of literature, is interested mainly in the Renaissance and the seventeenth century with particular emphasis on Lisabethma and Jacobean drama, Shakuspears, Brown Jake Shakuspears, from Oake Interestry and an H.A. from Cornell where she is a candidate for a Fh.D.

<u>Bavid Kibbey</u>, visiting assistant professor of art, took his B.F.A. at Boston University and his M.F.A. at the Rhode Island School of Design. He has tought at the University of Missouri and Windham College.

Jerone Liebling, professor of film studies, has produced several awarding-vinning films, and has exhibited at the buseum of Nodern Art, George Eastman House, and other museums. He has taught at the University of Hinnesota and State University College at New Palts, New York.

Richard C. Lvan. professor of English and American Studies, was chalruan of the American Studies curriculum at the University of North Carolina at Chapel Hill and Hampahire's first Dean of the College. He holds a Hh.D. from the University of Minnesota and is editor of Santayana on America. He has a joint appointment with the School of Language and Communica-

Robert Marquer, associate professor of Hispanic American literature, has worked for the World University Service in Peru and Venezuels; served concordinator of the nigrent education program at Hiddless goody in Massachusetts; and published translations of Lutin American poetry, it holds a 3.A. from Brandels and an H.A. from Barward.

Slainc Hayes, associate professor of film, has a B.A. in art from Stanford. She did graduate trudy in painting and photography at the San Francisco Marchael and the manufacture and trudy film and photography at the William San Francisco Minnesota. Her photographs have appeared in the Minnesota in the photographs have appeared in the Minnesota in the photographs have appeared in the Minnesota in

isampshire College for Spring Term 1975.

Francia McClellan. assistant professor of dance, received a B.S. for dance from the juilliard School of Music and was a member of the John Kerr Dance Company and the Anna Sobolov Dance Company and the Inadeltion she has assisted Jose Limon. Her primare the Herbert have been Jose Limon, Antony Tudes the Company and the Music March Company and the Company

Arts and Humanities at the University of Massachusetts.

8. Randall McClellan, assistant professor of music, received his B.H. and H.H. from the University of Clotinnati and his B.H. and H.H. from the University of Rochmater.

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9. Propert

James McNusine, assistant professor of masic, has a B.M. from North Texas State University at Denton and an M.M. from Yale University, where has been easier. He increases include both performance may be proposed in any symphomics are not provided in the second state. He increases include both performance merse, laboratory and jazz bands, and champion of the second state of the second

Robert Meagher, associate professor of the philosophy of reliation, has a R.A. from the University of Notro Dame and an M.A.
from the publications include Personalities and
powers, Rechanings, and Tooth Stones: Rethinking the Political
the has rought at the University of Notro Dame and at Indiana
line was rought.

Joan Murray, faculty associate in art, is a recent graduate of lamphire College. She has taught a number of house courses on compus both before and after the completion of her degree work.

William O'Brion, assistant professor of theatre arts, has had considerable experience in acting and directing. He needved his A.B. from Pairfield diversity, his M.A. from the University of thode taland, and hig M.F.A. from the Coodman Theatre and School of Dream

School of trama.

Valeric Pilcher, assistant professor of music, is the found and conductor of the Mampshire College Chorus. She holds a mac conductor of the Mampshire College Chorus. She holds a B.A. from Smith College and an M.A.T. in music from the Marvard Oradust School of Education.

<u>Nurence Pithethly</u>, assistant professor of history, has been a political writer and commentator for the BBC for whom he wrote and narrated several documentaries. He same the body by the

Earl Bone, associate professor of design, holds a B.Arch, degree from North Carolina State College at Raleigh and has seen design and construction critic for Fratt Institute in Now York City. He has been engaged in private practice since Now York City. He has been engaged in private practice since Now York City. He has been engaged in private practice since Now York City. He has been engaged in private practice since Now York City.

Pavid Soborts, arsistant professor of literature and director of the Outdons Program, i. bit, a Bai, from larvard that iterative and at 18th, a fraction of the Newtonian of the Newtonian of the Newtonian of the Pavid Conference of the Newtonian of th

Mindlen Schrock, associate professor of the tre, widested as Manageder folloge in and and received an Michael and the Mindlen and tree board of Drama at Yale Antoversity, where he has tree playeright is residence. In Comment stock company in Indiana, the had not disting stock company in Indiana, the had not disting 113 Mindle Mindle Mindle Comment of the Mindle Mi

"Brid ). Saith, professor of Deslich, holds a S.A. from a state of the control of

Francis D. Saigh, is Dean of the School of Bunarities and Arts, and professor of humanities and arts. A Harvard graduate, he has cought in high schools and colleges. elicoccof federal community relations programs for Nassachu-cotts, and has published as a social-modist, playoright, and novolist.

Fugure Terry, assistant professor of literature, has taught at Southern University in Baton Rouge, Johnson Smith University in Charlotte, North Carolina, Grambling College in University, and at Smith Augustice's College in Rainigh, Booth Garolina. We has a B.A. from Howard University and a Fh.D. from the University of Massachusett, Professor Terry will be on leave for Spring Term 1975.

# SCHOOL OF LANGUAGE AND COMMUNICATION

Emon Bach, professor of linguistics, holds a joint appointment with the University of Restachusetts. His B.A., M.A., and Ph.D. are from the University of Chicago. He is the author of An introduction to Trunsformational Crammar, the co-editor of University is Linguistic Theory, and has published numerous articles on linguistics were the last ten years.

Alten Homson, assistant professor of computer science, has a B.S. from Clarkson College of Technology His Mc. and Ph.D. In electrical engineering are proposed by the Mc. and Ph.D. 19 (1997) and the Computer, intercation of the Computer, intercation of the Mc. and Mc. an

John A. Bornik. visiting assistant professor of psychology, received a B. S. from Tufts University and a Ph. D. from the Deliversity of Illinois, Champaign-Urbans. For the past four years he has taught at the University of Virginia. His main interests are in social and ecological psychology.

David U. Kerr, assistant professor of nasc communications, has a B.A. from Himmi University in Ohio and is completing his Ph.D. at Indiana University. His teaching experience includes courses in radio-TV, journalism, and English. Hr. Kerr is coordinator of the School of Language and Communication.

James H. Koplin, associate professor of psychology, recedved his B.A., M.A., and Ph.D. from the University of Minnesota, and taught at Vanderbilt University before coming to Hampshire. His special interests are psycholinguistics and originity psychology. He has a joint appointment with the Schityl of Social Science. Professor Koplin will be on leave for the academic year 1974-75.

John J. LeTourneau, associate professor of logic, came to Hamp-shiré from Fisk University. He has taught at the University of California at Berkeley (where he raceived his Ph.D.) and was a mathematica consultant to the Berkeley public schools. His B.A. is from the University of Washington.

Richard C. Lyon holds a joint appointment with the School of Rumanities and Arts.

William E. Marsh. associate professor of mathematics, was chair-man of the mathematics department at Telladoga College in Ala-bama. Ris D.A., M.A., and Ph.D. are from Detreouth, and his special interests include the foundations of mathematics and linguistics.

<u>Stephen O. Mitchell</u> is director of management systems and associate professor of computer science. We has been director of the Computer Conter at Lebham College in New York City and director of the fresham English program at Syracuse University. His B.S. is from Purdue University and his Ph.D. is from Indiana University.

Richard L. Muller is director of oducational technology and as sistant professor of communication actence. He was formerly director of instructional communications and activation of the state of the control of the con

Michael Redotaky, essistant professor of philosophy, received a B.A. from Cornell University, as M.A. food above the con-California at Barkeley, and Low, his apoctal interests are Barkeley. A Woodrow Wilson to Llow, his apoctal interests are philosophy of action and philosophy of psychology.

Rebert Rardin, assistant professor of linguistics, received a law first system of linguistics, received a law first system of linguistics, received a law first system or linguistics, received a law first system of linguistics, received and law first system of linguistics. Soriet Union and Scandinata. He speaks ask languages and his interests include international affaits and passe work.

Neil Shiater, assistant professor of mass media and American studies, has a B.A. in sociology from the University of Michaelman and Studies from the University, and expects to get his bh.D. from Yale in mass media, and the increase include 20th century Americans social, and the interlectual and cultural history of that period, it has temph as a Peace Corps volunteer and has published numerous articles and movie reviews.

Nail Stillings is essistant professor of psychology. He has: B.A. from Amberst College and a Ph.D. in psychology from Stan-ford. His current research involves the communics of natural language.

Janet Tailmen, assistant professor of anthropology, received a B.A. from the University of Minnesota at Minnespells and is completing has decreased by the University of California and Entelly. Bartely, and a partners in rural and wrah Serbia and has worked in an editorial capacity for the Kroeber Anthropological Society Pagers.

<u>Warthn Techtssoonian</u>, visiting associate professor or psychology, than 4 B. A. from Antioch College and a Ph. D. from Sadeliffe College. She has taught at Smith College for the past eleven years. Her principal research interests are in psychophysics and scaling, space perception, perceptual development, and human pemery.

<u>Vvotte Tenney</u>, assistant prefessor of septifive psychology, haids a B.A. and a Mh.D. frac Cornell. is a releasy interest is cognitive development. Site has done trearth in the Savel-opment of cognitive treategies for remory.

Christopher Withercomm, maintent professor : districtly, has a B.A. from Arian. Polyther is solven a few resulting the sales of the sal

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### SCHOOL OF NATURAL SCIENCE

Marbert J. Bernstein, sesistent professor of physics, has been building scientist at knockhaven National Luberatory, a neembur of the Institute for Advanced Studies at Princeton, and a visiting professor at the Institute for Theoretical Physics in Louvain, Belgium. His B.A. is from Columbia University, and his Ph.D. from the University of California at Sam Diego. Professor Bernstein spent the past summer at Technian in Halfa, Israel, and the fall at the Stanford Linear According to the Stanford Linear According to the Stanford California at Sam Diego. Professor Bernstein spent the of everything, and the stanford California at Sam Diego. Professor Bernstein spent the of everything and exhibiting.

Merle 5, Brung, assistant professor of biology, holds a B.A. From Syracuse University and a Ph.D. from Harvard. Her vork on crustacea and vertebrate sensory neurophysiology has been supported by the National Institutes of Health and the Cress Foundation. The six beauthor of several teacher's guides for elementary actions actions. Her academic interests include vision and physiology, "open education," teacher training and the Hampahire Science Journal "Crictus."

Raymond P. Coppinger, associate professor of biology, has worked at the Woods Holo Oceanographic Institution, the Smithsonian Astrophysical Observatory in Cambe Institution, the Mitted States Fish and Wildlife Service holds of a B. A. from Soston University and a top the Company of the Cambe Tropical Research Station in the Woodlege Ph.D. (Amberse, Smith, Mount Bollyoke and the University of Hossachusetts). Ray has published many papers on his varied interests, which include philosophy, forest management, aminal behavior, New England Candés, monkey in the Caribbean, African ecology, biosocial human adaptation (anthropology/ecology) and Nooteny Theory (book in progress). He and Lorna Coppinger also have a book in progress on Sied Dogs.

Jame Eggm, visiting assistant professor of animal behavior, received her 8.A. in rechaselogy and Anthropology and her PR.D. in Animal Behavior and the rechaselogy and set professor and the rechaselogy and set professor and the rechaselogy in the research interestant and the rechaselogy and other exploited groups.

Swan Coldbor, Duan of the School of Natural Science and asso-ciate professor of Hology, obtained her A.B. from Barnard and her M.S. and Ph.D. signess from Yale Dwiversity. She has held positions a "Dwiversity" is biology department, Meceteppe University Ankara. Swards Stanford University where she worked in concerned the Company of the Company of the Company concerned the Company of the Company of the Company of the embryology, evolutionary genetics and adaptations, cancer, feminiam and literature of natural history.

Courtney P. Gordon, assistant professor of astronomy, holds a B.A. from Vansar Coliege and an H.A. and Ph.D. from the University of Michigag where she was a counting fallow. Her work has included studies in the Deservatory, as usel as observing time included studies in the Observatory, as well as observing time his title Peak National Observatory. From 1967-1979 she was a research associate and then assistant scientist at the National Deservatory in Charlottesville, Virginia, is addition to astronomy, Courtney is interested in relativity, cosmology, extratorrestrial communication, codes and ciphers are discovered to the control of the Courtney in the Courtney in the Courtney in the Courtney in Courtney in the Courtney in the

Kartiss J. Cordent assistant professor of astronomy, is interested in Time (Including the philosophy of time and space), relativity, extractoreastral and animal communication, and cosmology. His research interests include galancie structure, interactilar matter and pulsars. He is also interested in exam committees in a variety of fields such as geology, statistics, meteorology and the mythic and religious relatives of astronomy such astrology (Professor Oxfom viil be on sandsatical spring secment est Arleebo in Puerco Rico).

George Greenstein.\* assistant professor of astronomy at Amb College, was a research associate at Yeshiva University and Princeton. He received his B.S. from Stanford and his Ph.D. from Yale University in astrophysics.

Nichol Grove, senituant professor in the history of science, perturbed his B.5 in chemistry from Broubly College and his Ph.D. on 19th century physiology from Princeton University. His interests include the history of science, especially modern Darvinian biology, science and social thought, psychology and modern European social and intellectual history.

John M. Foster, professor of biology, previously taught bio-chemistry at the Bostom University School of Medicine and was a director of the Science Curriculum lamprovement Program for-the National Science Foundation. He holds a B.A. from Swarth-pore College and a Ph.D. in biolensiatry from Harvard. In addi-tion to his involvement in biochemistry and in the Human Biology Grogram, he is interested in amateur electronics, ecology and

<u>David L. Cay</u>, associate professor of chemistry, holds a B.Sc. from the University of London in chemistry and a Rh.D. in physical inorganic chemistry from the University of the West Indies. He formerly taught at Xavier College in Sydney, Nova Scotia. His interests include Caribbana mfairs, physical chemistry, kinetics, reactions in electromagnet, fields, bio-inorganic chemistry, chemistry for the consumer and in particular, the mechanisms of chemical reactions.

Rancy B. Godderd, associate professor of biology, was previously chairmen of the department of natural science and mathematics at Mest Virginia State College. The obscience her B.A. from West Virginia State college and her H.Sc. and Fh.D. degrees from Ohio State University. Involved in teaching courses on human reproduction, health case for women, and endoctinology, she is also interested in field goology, human and comparative anatomy, parasitology, marine biology and tropical (Car(bbean) ecology.

Donald Coldberg, faculty associate in mathematics, received hit 3.A. from New College and his M.A. from Dartmouth. He has taught at immphite for three summers in the Summer Studies in Mathematics Program, and will be co-director of this year's summer program. His interests lie in the areas of modern algebra and number theory.

Stanley Coldberg, associate professor of history of science, taught at Antioch College and was a senior lecturer at the University of Zembia. He has a Hational Science Foundation great for a study of early 20th Century reactions to Einstein's relativity theory. His B.A. is found the control of the control

Everett H. Hafner, professor of physics, was an associate physicist with the Brookhaven National Laboratory, a National Science Foundation Fellow at Cambridge University and a faculty member at the University of Rachester, from which he received his Ph.9. His B.5. is from Union College and his interests include the physics of electronic master, nuclear rays, environmental science, budgeton Science at Hampshire. (Professor Hafare Vill be on leave during spring semester, 1975).

Charles Hammun, consultant in animal behavior, received his B.S. in animal science from the University of Rhode Island and did graduate work in physiology and pathology of reproduction at U.R.I. and University of Massachusetts. He was R.6 D project manager in industrial projectoring and behavioral systems. Special mapplication to the study of behavior patterns in animals and their projectoring the study of behavior patterns in animals and their projectoring the development of useful systems incorporating trained animals, training of a variety of animals for motion picture performance and the training of horses for trail and "working" type competition.

Edward R. Harrison,\* professor of astronomy at the University of Massachusetts, is a specialist in cosmology and galancie formation. He received his formation and the heartitude of Physics. Ne worked at the heart case the heartitude of Physics, and the heart case of the heart case

Renneth B. Hoffman, assistant dean of the college and associate professor of mathematics, has a B.A. from the College of Wooster and an M.A. from Karvard, where he also served as a teaching fellow. He was chairman of the mathematics department at Talladega College in Alabama during 1967-70.

G. Richard Huguenin,\* professor of estronomy at University of Massachusetts, is currently director of the Five College Radio Astronomy Observatory. He was a Senior Research Associate and Assistant Professor at Harvard before coming to the University. He received his 8.5, from M.1.T. and his Ph.D. from Harvard.



Ming Ivory, faculty associate in sociology of science, received her 8.5. in machematics and french from Tufts University on the Na. from the University of Pennsylvania in the history and sociology of science. She is currently working on her Ph.D. om models of science in culture at the University of Pennsylvania. Ner interests include science in the 20th century as it crait to culture and technology, social change and policy in general, the relationship of sythology to policy in science, science and Interacture, psychology, philosophy and poetcy.

David C. Kelly, assistant professor of anthematics, has tample at New College in Florida, at opening and the College and Florida at College and Coll

Allam S. Krass, associate professor of physics and science policy assessment, was educated at Cornell and Stanford, who received his Ph.D. in theoretical physics. He has been leave for the past year at the Open University in England. Previously he taught at Princeton, U.C. at Santa Barbar University of lows, and he is interested in science and pu

E. E. Krieckhaus, consultant in neurophysiology, teaches compara-tive neurophenosonology at Mapphire. He received his B.A. from Williams College and his Pho. from the University of Illinois. He has taught at Yale University, the University of California at Davis and at University of Massachusetts. He is interested in the nature of reality.

Nancy H. Loury, associate professor of chemistry, has a B.A.
From Smith College and a Ph.D. from H.I.T. She has taught at
From Smith College and a Ph.D. from H.I.T. She has taught at
Norting, and has coordinated the chemical analysis lab as part
of the Hill River Project in Northampton. She has also been a
research associate at H.I.T., Amberst and Smith. Her interest
include stereochemistry and organic molecules, environmental
chemistry and selence for non-students.

Lymn Hiller, professor of biology, has taught at the American Deliversity of Betrut and at Adelphi University. He has a B.A. free San Francisco State College and a Ph.D. free Stanford's Ne has held post-doctoral fellowships in microbiology at Stanford's Washington. His principal interests are applied microbiology (composting, sewage treatment, formantation) and social sapects of genetic Gagriculture, senetic engineering, genetic council ingle swell as stress and disease. He is 10 longly, yeasts, and human casts exentibility and senetic support of the control of the cont

Brian T. O'Leary assistant professor of astronomy, has a B.A.
from Williams College and a Ph.D. from the University of Callfornia at Borkeley. A former MASA scientist-astronaut, he
continues to be involved in U.S. space offerts and has written
The Making of an Excattenaut. We has tought at Cornell, San
Francisco State College, the California instituted current to
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Laboratory. Mis interests include actence and public policy,
space photography, assessments of technology and our crisis in
energy.

Saundra Ovevole, assistant professor of microbiology, is currently a post-doctoral research associate in the Department of Stochemistry at University of Massachusetts. She received her B.S. from Houvard University, an M.S. from the University of Atlasgo and a Ph.D. from the University of Massachusetts. Her research involves membrane development, structure and function. In addition she is interested in microbiology from a public health standpoint in developing countries and research on the microbiologic contribution to energy production.

John B. Reid, Jr., assistant professor of geology, has pursued his lunar surface and earth's interior research interests at the Sainthonnian Astrophysical Observatory in Cambridge, the Geochromology Laboratory at N.1.T. and Renssalar Polytechnic Institute, Recipient of a B.A. from Villiams College and a M.D. from the Nassachusetts Institute of Technology, he previously interests three high school physics programs. In the Control of the C

Linds 1. Slakev, adjunct assistant professor in chemistry, has a B.S. from Stemm Heights College and a Ph.D. in biochemistry from the University of Heidigan and the Desire State Dominic College and did pass of Heidigan and the Argamae Pational Labs. at the mint of University of Heidigan and the Argamae Pational Labs. at the Control of University of Heidigan and the Argamae Taxon Heidigan and the Labs of Heidigan and the Argamae Taxon Heidigan and the College and the Heidigan and Argamae College and English and Argamae College and Taxon Heidigan and Taxon Hei

Michael R. Surberland, assistant professor of statistics, holds an intereshool appointment in the School of Social Science. But has seen a consultant with the School of Social Science and the School of Social Science. But has seen a consultant with the Systems Names and School of Social Science. Social Science and the School of Social Science. The Science and Scie

David Van Blerkon, a sesistant professor of astronogy at Univer-sity of Hassachusetts, received his B.S. from City College of New York and his Ph.D. from University of Colorado. He was research associate at the Joint Institute for Laboratory Astro-physics before coming to the University. His spatialty is astrophysics.

Lonis Y. Wilcox, Jr., associate professor of biology, holds an A.B. tegres from Colgate University and a Ph.D. from Cornell in pathology. No has held inculty positions at Lyconing onlines and a Earlham College and was director and professor of biology at the Pahkahatchee Environmental Studies Center in Coolland, Florida. His special interests are tropical ceology, particularly the ecology of mangrove swamps, the structurely control of natural and manaded communities, problems of food supply and environmental studies. No use responsible for establishing and directing the program in Bahamian ecology at Earlhem College.

Margret Vilco, visiting assistant professor in botamy, has h B.A. (res Barlhes College, N.S. from University of Cincinnati and her Ph.D. in paleobotamy from Cornell University, her accident interest scaled expenses include geology, cytology and evolution as well as teaching people more about other living things soot hetey may learn on their own, for the rest of their lives.

Albert Woodhull, susistant professor in biology, received his B.S. from M.I.T. and his D.D. from the University of Washington. He has to be the beautiful to the his constant of the his c

Arm Woodhull, essistant professor of biology, is especially instructed in physiology and neurobiology, biochemistry and molecular biology, biological toxins, the Cricctus Joinral, and she is coordinator for the CABAL program. She holds a Ph.D from the Disversity of Washington. Her teaching experience includes high school math in Nigeria as a Peace Corps volunteer.

Hichael Zimmerman, faculty associate in the environmental quality program, did summer work at the Oregon institute of Marine Biology and at Hampshire College in scology. He received his B.A. from the University of Chicago in geography, and his special interests are ecology, botany, biogeography and Alaska.

\*Five College Astronomy Faculty.

#### Student Teachers:

Channing Harris, is a native of western Massachusetts and Sraduated from Mt. Memon School, he worked as a Skilled woodworker in pattern making at the Massachusetts and interests interests producting, physics, statistics, management, group behavior, education, and fine arts.

Corry Lovenson, is a Division 11, chird-year student concentrating in neurobiology. Be learned neurophysiological techniques in a course couple by Fice Newman last January and through on-going work with Ann Moodhuil in her nervo membrane blophysics course. He is particularly interested in the blochemical particulars of neurophysical particulars.

Neil Segil, is a Division III student studying development biology.

Lee Smolin, has studied at the U. of Cincinnati and at Hamp-white and has dome research in theoretical physics at Dart-mouth. Last year he designed and cought a modern physics course at City Wide High School in Cincinnati. His Division II work was in physics and philosophy and his Division III work in theoretical physics is entitled "Quantum Electrodynamics and General Relativity."

<u>Mark Stephenson</u>, was an intern with the Mass. Audubon Society, setting up a program in Divironmental Awareness for inner-city youth. His Diviston III work was in Biological Studies and Environmental Studies and his Division III work is in Davironmental Awareness and Cultural Change. He was a teaching assistant with John Reid in Natural History of the American Southwest, and his other interests include American Studies and Eastern Fhilosophy.

Ellen Tanner, is a Division III student concentrating in biology, specifically pertaining to metamorphosis. Presently she is working in a biochemistry laboratory at the University of Massachusetts Studying metamorphosis. Other interests lid in social and political concerns of Mealth and Science and Dance.

Setsy Walker, is a Division III student concentrating in neurobiology. Set spent the spring and summer of 1974 at the theoretic is the student below comparable institution, and on a behavioral study of institution technicing we in catifish. Mer Division III project is an investigation of the functional and anatomical differences between taste and smell in aquatic invertebrates.

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### SCHOOL OF SOCIAL SCIENCE

Richard M. Alpert, assistant deam of the college and assistant professor of peltical science, has served on the research staff of the Urban Institute in Washington, D.C. His S.A. is from Hobart College and his Ph. D. from Harvard.

<u>Carollee Bengelsdorf</u>, assistant professor of political science, holds an A.B. from Cornell, scudied Russian history at Harvord, and is working on a doctorect in political actence from MIT. She is interested in political development in Southern Africa and other third World areas. She has conducted research in Algeria, Cuba, and Peru, and has been a school teacher in Kenya and Nondures?

Robert C, Birney, Vice President of Hampshire College and professor of psychology, was ammber of the Four College Conmittee which helped plan Hampshire College. He served as the first Dean of the School of Social Science and before that was chairman of the psychology department at Amherst College. Holder of his B.A. from Wesleyan University, he earned his Ph.D. from the University of Mithigan.

R. Bruce Carroll. associate professor of political science, has taught at Niddlebury and Smith Colleges, where he also directed Mashington summer interenship programs. His B.A. is from the University of Vermont and his Ph.D. from the University of Chicago.

Michael Cole, adjunct associate professor of psychology, is also professor of ethno-psychology and experimental anthropology are Rockiel clier University. He holds a B.A. from the University of California at Los Angeles and a Ph.D. from Indiana University.

Louige Furnhum, 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 San Francisco State Collego. She holds a B.A. and Ph.D. from the University of Minnesota.

<u>Nantice 1. Faulkner</u>, assistant professor of sociology, is a specialist in the sociology of higher education. Other areas of her interest, in which she tought at the University of Rochester, include sex roles and feasily interaction, and the feasible for the professor of the second of the contense the flowersity of California at Los Angeles.

8. Oliver Fowlkes, assistant professor of law, received a B.A. from Southwatern College, Memphis, and a J.D. from Memphis State University School of Law. He has been engaged in a variety of legal projects involving civil liberties, welfare recipients, bousing legislation, and mental hospitals.

Penina M. Clazer, associate 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 caphasis on radical left uing movements in the United States during the 190°s.

Cenard B. (Life, Dean of the School of Social Science and professor of anthropology, holds un M.D. from the University of Naryland School of Medicine and a Ph.D. from the University of Pennsylvania. Formerly an associate professor at the University of Wisconsin, he has dome antropological studies in St. Lucia, Wast Indies, for a public health program and a study of edhacmedicine and social organization in the New Johnsh Highlands.

Edward Orear, associate professor of political science, received a 2.A. from Columbia College and a J.D. from Vale Law Schoo. He has been diagoged in when politics in Gary and directed the urban affairs program as which college, in addition to articles on urban politics, he is the author of fig. Steel, Little Steel and editor of a reader, Black Liberation Folitics.

William Gobmann, assistant professor of education and Master of Bouse III, has a B.A. from Cornell and an H.A. from Columbia and is preparing a doctoral dissertation for Union Creduate School. Re has been a Peace Corps teacher in Micromesia and assistant deam of students at Columbia. His area of special interest is non-traditional alternatives in higher education.

Gayle D. Hollander, associate professor of political science, holds a B.A. from Syracuse University, an M.A. from Harvard, and a M.D. from Syracuse University, and A. from Harvard, and a M.D. from MITH he has recently published a book sentitled South Statish and Indectrination: Developments in Mass Next and Frogue and Statish, and is currently down research on most constant of the South Statish and Statish and Statish and Statish and Statish and Statish and Statish Statish

Thomas R. Holman, associate professor of psychology and Master of House IV, has been extensively involved to counseling. At Augsburg College, times he served as Director of Psychological Services of Content for Student Affairs and District Content of Student Affairs and District Content of Student Development. Recipient of a District Content of Student Development. Recipient of a from the University of Humanson at Minmespolis, he taught at Augsburg and Eartham Colleges before joining Humpshire College.

John A. Hornik holds a joint appointment with the school of Language and Communication.

Citis 1. Joseph, associate professor of education, has a B.S. from New York University and a h.D. from Cornell University. At the University of baseshmeets where she was associate professor of the machine to the she acreed as co-chairman of the School: a Comman of students of Combit Racism, and at Cornell she was assistent many control of the Committee on Special Exception of students, director of the Committee on Special Exception Committee on Special Exception Committee on Special Exception Committee on the Committee on Special Exception Committee on Commi



Nary M. Kaufman, visiting professor of law, is a graduate of Brooklyn College and holds a law degree from Sr. John's University. In the Course of extensive professional career as a labor lawyer and civil liberties advocate, she participated outing the KCarthy investigations, and was a member of the International Commission of Enquiry into U.S. War Crises in Indo-China.

James Koplin holds a joint appointment with the School of Language and Communication.

Jonn B. Landes, assistant professor of political science, holds a S.A. from Cornell University and an M.A. from New York University, where he spresently completing a doctorate. She was formerly an assistant professor of political science at Bucknell University and Foundation of the treasorth Lancersts are on the theoretical Foundations of the vomen's liberation movement. She is also interested in political theory, American politics and political development.

Barbara Harrison Linden, assistant professor of sociology, has a B.A. from Syracuse University and a M.D. from Columbia, where, the also taught and served as architectural consultant for problem: in college housing at the University, and accept interests include urban blight and the sociology of education.

Lester Major, Henry R. Lure Professor of Law, has a B.A. and Li.B. from Stanford, served as law clerk to the Honorable Warren F. Burger, and mught at various law schools. His special comes stated to the Listis of the legal process and the role am status of women in society. Professor Mazor will be on leave Spring Term 1975.

Philip F. HcKean, assistant professor of anthropology, received a B.D. from Vale Divinity School and an H.A. from Scoon University. He has served as a located the chaptain in Disaster Indonesia, most recent and as a Clergyman in Shode Island. His most recent research and publications examine cultural chapts and open control of the con

Laurie Nisonoff, assistant professor of economics, holds an S.B. from H.I.T. and an M. Phil. from Yale, where she is a doctoral candidate. She was a Woodrow Wilson Fellow at Yale and is fitnishing her dissertation with the aid of a Pord Foundation Fellowship in Women's Studies. Her interest include American economic history, women's studies, labor and public policy issues.

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