HAMPSHIRE COLLEGE

Revised Course Guide 1978-79 Hampshire College Amherst, Massachusetts 01002

REGISTRATION AND COURSE SELECTIÓN

- Check the Course Description Guide thoroughly for ea-rollment sathbads. Some courses will hold lotterist and first day of classes, others will sither have sign-up shasts or interviews. Thursday-Friday, September 7-8, will be used for course interviews, where speci-fied. Some faculty may be available price of however, all faculty will have office sure of some time to be available for increase. Where enroll-sent is limitedly, price to the beginning of classes.
- After attending classes for a week, you should be ready to decide in which ones you wish to be entolized. Or decide in which ones you wish to be entolized. The contract which was not seen to be contracted, will be discribined the second week of classes. Sign the list of reach course in which you wish to be enrolled. The lists will be forwarded back to Central Records, and they will do the reast of the work. **PLEXS Clearly Print your full name, first/middle/last, no nichnames.**

S-College Interchange Applications are available at Central Records. Be sure they are completely filled out and have all the necessary signatures (if they are incomplest shey may have to be returned for the state of the state

Independent Study forms are available at Central Records and the Advising Centers. They should be completed during the first two weeks of Fell Term 1978.

Although 5-College students should sign Hampshire class liers (clearly indicating their home institu-ction), they are still responsible for filing interchange Applications at their own school.

If you have any questions regarding this procedure, please contact Central Records, extension 420.

NOTE TO FIVE-COLLEGE STUDENTS:

Mampshire College courses require different modes of enrollment, depending on instructor and course. All students should refer to the schedule of class senting times to find the method of class senting times to find the method enrollment for an individual course. Concess with open enrollment do not require premiseson of instructor.

Although Five College students may participate in lotteries and sign class lists, they are still responsible for filing the 5-C Interchange Form with their home institution.

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HAMPSHIRE COLLEGE ACADEMIC PROGRAM

Students at Hampshire College progress through three sequential Divisions, Bests Studies, the Concentration, and Advanced Studies, long secondly Coward greater independence in study. This Divisional framework, which replaces the conventional freehams senior sequence, is designed to accommodate individual patterns of learning and growth.

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

and processes.

Substant 1: The Division of Basic Studies introduces students to the size and mathods of liberal education at Hampshire College, giving them limited but direct and intense separience with disciplines in all four Schools. This is does not in the customary introductory survey of the study in courses or sent-decrease and the second section of the second section of the second section of the secti

exemination in each school.

Division Li: In the Concentration the student develops a concentration in one or more fields while continuing to explore other areas. Students with the treatly adviser what they were made and the treathy adviser what they were and there in their concentration, and design a program of a student with allow these to explore in depth, and to broaden their knowledge of the lickages smooth disciplines. The Division II exemination includes evaluation of the work one in the Concentration and the student's readiness to proceed to advanced independent work.

No movement work.

Bivision III: The Division of Movement Studies occupies shudents with advanced studies in their chesan concentration and integrative studies in their chesan concentration and integrative studies in the student cleafages are studied to the student cleafage in the student studies and the student cleafage in the student students are true for one acadent year. In addition, students participate in advanced integrative work in which they encounter a broad and complete in the students are students and the students of the students of several students of the samphituse community or the broader community.

New atudents at Nampshire are assigned to an Advisor from one of the Schools for initial advice on choice of courses and other scadesic metters. After the test on the students may choose a most Advisor. Changing a devisors is a relatively simple process done to the students may choose a consideration of the students and their advisors.

The Options Office (Cole Science Center) offers advice and assistance in the areas of career counselling, greduate school applications, itseld study, and study abroad. The Science school applications, itseld study, and study abroad. The Science are sourced of sentences of sentences of sentences of sentences, as well as for more general advice on the cardenic programs available at Rampshire and at the other colleges in the Valley.

August 1978

REGISTRATION DATES AND CALENDAR

1978

New students arrive, matriculate Returning students arrive, matriculate

Wednesday, September 6

Thursday, September 7 -Friday, September 8

Thursday, September 7 -Sunday, September 10 Monday, September 11

Monday, September 11 Friday, September 22

Monday, November 13 Friday, November 17

Wednesday, November 15

Madagaday, Movember 22 -Sanday, Movember 26

erday, January 27

May, Jamiery 30

nic mell i Drilling, April 5

Fall Colloquy

Five College_registration

Course selection period

Mid-room break: 'no classes

mination days: no classes

Advising, Pive College pre-

eve notification deadline

Thanksgiving vacation; no classes

Lest day of classes Posturities bariod

Winter recess; no classes

New students arrive, matriculat or acudant program

mening students arrive, Matriculate

Classes begin

Course extection parted

Five College registration

ve metitimetin doubline daing, Pive Collège pro-

Saturday, May 26

NOTE: PLEASE DO NOT DECARD THIS COURSE GUIDE.
RECYCLE IT, OR SAVE IT FOR FUTURE USE.

FALL TERM 1978

SCHOOL OF HUMANITIES AND ARTS CURRICULUM STATEMENT

In these course listings you will find a quire asconishing range of offerings for the Fall Term. Remmabler this at the outset as you begin to plan your scuties for Division 1: the courses in Division I are not intended to serve as introductions to this char subject eatter, but as introductions to condes of inquiry.

The difference is so critical that you will underestimate it only at the peril of promoting your own confusion. Each of the great, creditional disciplines of active (English, History, Philosophy, busic, etc.), rether than being treated as a closed system of knowledge in their, is treated as a perspective on the disciplines of knowledge in the confusion of the c

There are observably different ways in which the artist and huma-niat (as contrasted, asy, with the aciantist) approach their sub-jects of study, conceive of their problems, attact them, resolve them, report them, or express them, and that is the main matter of concern in any Division I course.

of concern to any division I course with a fiterary scholar, for example, or with a philosopher, you will learn how a specific kind of humanist, who has meserced one great body of entertials in the humanistic an average of circumstances. I could consider a variety of circumstances. I could consider a variety of circumstances. I could consider a validation of documentary data or the certain particular the overriding concern will be to be a much greater emphasis action up close. In the error to the course of the concern account of the course of

You will find courses in Dance, Music, Theatre and Writing listed for Divisions I and II. Work in these courses is felt to be of a kind that deals with Dasic issues that says alive at all levels of work, where problems are not "molved" but approached at all levels of suphistication imposes a superior of suphistication imposes the superior at the first class if you find yearn the superior at the first class if you find yearn to be a superior at the first class if you find yearn to be a superior at the first class if you find yearn to be a superior at the first class if you find yearn to be a superior at the first class if you find yearn to be a superior at the first class if you find yearn to be a superior at the first class if you find years are the first class in the first class in the first class in the first class is the first class of the first class is the first class in the first class in the first class is the first class in the first class is the first class in the first class is the first class in the first class in the first class is the first class in the first class in the first class is the first class in the first class i

quirements for students in Division I or Division II.

When you come to take your Division I comprehensive examination
in Rumanities and Arts, you will work no some problems that represent the next order of complexity beyond what you have already
list of terms of the course, without you have already
list of terms of the course, without or the course of
list of terms of the course, who was not that examination
work in more complex problems, so it will be much more like an
entrance exams to Division II than any exam you've had previously.
We have kept the course descriptions as simple and hener as possible. Where it says "seminar" it means regular discussion group
meetings in a clean to larger than they all the says. We say a say a supple and heart as possays "or work will involve more moving away, 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 more typically focused on some special problem within an eard discipline-from sample, the disloques of Flato or the poetry Eliot, or that they deal with a general problem the poetry Eliot, or that they deal with a general problem than the first physical or the problem of th

Perhaps we in this School are not saget to try this scademic experiment of putting the humanities and Arts to work together because we share the sense of Erich From about the good that "flows from the blending of rational thought and thought the property of the property

Integrative stainars flow from the needs of Division III students and will be organized late in the Spring Term. They will appear in the Revised Course List before the beginning of the Fall Term.

<u>,'</u>	
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FILM WORKSHOP I MA 110	Joslin
THE DESIGN RESPONSE	Kramer .
THE MUSIC OF BACH	Mishkin
PAINTING WORKSHOP AND CRITIQUE HA 122	Murray
A SENSE OF SELF: WOMEN AND WILDERNESS HA 125 (OP 127)	Greenberg
AN INTRODUCTION TO THEATRICAL DIRECTING HA 126	Abady
COLLEGE WRITING PM 134	F. Smith
THE MAN-MADE ENVIRONMENT HA 136	Juster, Pope L. & G. Grattano
INTRODUCTION TO MUSIC READING	Steele
FIVE SOUTHERN WRITERS: ISOLATION, HUMOR, A SENSE OF PLACE HA 139	Kennedy
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CONTRACTOR PUT LOSOPHY: AN INTRODUCTION	Bradt

ON THE WAY OF PHILOSOPHY: AN INTRODUCTION Brade

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	VOICE FOR THE ACTOR HA 117/217	Machlin		
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Hampshire College August 1978 Volume 5 Issue 2

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DRAWING ONE-OH-ONE

An introductory, basic, alementary, beginning, primary, and initial investigation of fundamental, preliminary, rudimentary, simplified, caybe even remedial studies of the art of <u>draving</u>, as investigated via exercises both timeless and innovative.

Starting with the question of what is a pricti, we will rapidly move to what is a piece of paper, and then see the complex issue of what is a part. Through early indifficulty performed we will easily be proved by the continuous of the continuous producting of form the continuous of space, pictorial organization, and elaments of simple perspective.

In addition to motor control coordination betwirt hand and eye, drawing involves the brain. Therefore, some exercises will deal with processes of thought and imagination. Daphasis will be given to perceiving whether or not the visual intent coincides with the graphic result.

Namy exercises must be approached more than once to be effective, so the students will be expected to have faith and energy to work hard outside of the class meetings which, incidentally, will be twice a week for two hours. Of course, you must provide your own materials and initiative.

Although intended mainly for the novice, some advanced students should not rule out the possibility of having their batteries rechaiged. There will be group critiques and portfolio review for evaluation.

Enrollment is open

DEVELOPMENT OF HUMANS

Mahal Rossa

See course description in the Emeriti Program section.

Emeritus professor of human development.

GRAPHIC DESIGN WORKSHOP RA 109

Phillip Doherty*

This workshop is designed to involve the student in the process of visual thinking and communication through the application of design principles and typography. An unperstanding of lettur-press and screenprinting will be developed as an aid in solving both theoretical and practical diskips problems.

Students will be encouraged to design and print posters through Namphire Graphic Design. Involvement in this on-campus design service will give students the chance to deal with the artistic problems presented by a client, and to participate in a small business.

Classes will meet twice weekly for two-hour sessions. These sessions will include demonstrations, slide lactures, and critiques of work. Students will be expected to spend large amounts of time working out of class with the instructor and with each other. Enrollment is limited to 16.

*Pending appointment.

PTIM WORKSHOP I

Thomas Joslin

This course is concerned with the film as personal vision; the film as collaborative effort; the meaning of thinking visually and kinestherically; and film as personal expression, communication, witness, fencesy, struch, drawn, responsibility, said-discovery.

The workshop will be concerned with production and seminar dis-cussion, field problems, and research. Topics will include history and development, theories of file construct charge, directing, editing, sound, narrative, do-contending the films, use and preparation, appears and 16mm production.

The past seventy-five years have seen the motion picture rise to the position of an International Language. It has transcended the bounds of enterteinment to provide everlacting documentation of the world, its people and events. It has given added scope and incisiveness to every area of human activity. Our image and understanding of the world more often are gained through film and photographs than personal experience. The authorities 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/her own film.

The class will meet once a week for four hours. Enrollment is limited to 12.

THE DESIGN RESPONSE

A study of theatrical design modes and concepts, the course will emphasize the creative response of the major theatre design areas (scenery, lights, costumes, etc.). We shall also try to discover how the artist reacts to the earlyst and translates that reaction into communication modes for other theatre artists and audience. We will look at color, texture, and line in cheatrical design as well as the vocabulary of the designers.

The class will meet twice weekly for 1½-hour sessions. Enrollment is limited to 15.

FA 113 THE MUSIC OF BACH

Henry Mishkin*

See course description in the Emeriti Program section.

*Bmeritus professor of music.

PATHTING WORKSHOP AND CRITIQUE

Joan Bartley Murray

The focus of this course will be the exploration of three dis-tinct but interrelated aspects of painting. It will be a com-bination of problem solving, critique, and studio workshop.

We will work on assigned painting problems, such as color mixing and progressions, different ways of creating line with paint, force exploration, and the use and creating line with paint fine with paint and the way and creating the started during the completed outside of class. We will be uning storp has point media for these studies in water color, strylic, etc.

Students will also be asked to work on their own paintings, in the medium of their choice, outside of class. When it seems appropriate, students will be requested to deal with particular problems or foot in their paintings.

The class will neet once a week for three hours. Enrollment is limited to 15.

A SENSE OF SELF: WOMEN AND WILDERWESS (OP 127) Judy Greenberg

See Outdoors Program course description.

AN INTRODUCTION TO THEATRICAL DIRECTING

Josephine Abady

This course is designed to introduce the student to the art and the craft of directing. We will emplore the basic skills and director needs including the following: the uses of which lysis of a script, communicating with the the design compet and the designer, and developing ground plans.

Enrollment is limited to 10. The class will meet twice weekly for two-hour sessions, with additional workshops to be arranged.

HA 134 COLLEGE WRITING

Francis Smith

This is a course in the elements of scyle, research, and writing necessary to good college written work. It is not a course in creative writing.

We will do daily and weekly exercises to devalop such basic skills as organizing a term paper, writing persuasively, finding and using evidence to support a point of view, analyzing and abstracting written materials, and researching and documenting a thesis.

This course is not intended for remedial writing. Students in need of remedial work should contact Debby Sacal for possible enrollment in the Reading and Writing Improvement Program.

The class will meet twice weekly as a group with a third hour to be arranged for individual work. Enrollment is limited to 20 students, and the instructor's permission is required.

BA 136

Norton Juster and Earl Pope

Division I courses in the Man-Made Environment program will vary between the basic format of the present core curriculum:

- Environmental Perception and Communication, which deals with a perception and understanding of place, the vocabulary of form, exents of perceptual understanding, visual thinking, and graphic
- Processes of Design establishing environmental and human needs, problem definition, functional criteria, and approach to the creation of form.
- Physical Determinants of Form The external determinants which influence and often control the making of form--site, cli-mate, materials, structure, and environmental controls.

and a series of contextual courses which will ry to broaden understanding of emironmental problems through a concern for related issues of culture, technology, and historical legacy. These could include:

(i) The question of physical continuity and coherence in urban environment; (2) Mestican places - the casen we look like we do; (3) the regional response resource and energy; (4) the small town environment; (3) reservation, restoration, and adaptive cause; (6) residing architecture - the social and technological content of design.

The specific focus of the course for the Fall 1978 term to be determined.

The class will meet twice weekly for 3-hour sessions. Enrollment limited to 24.

INTRODUCTION TO MUSIC READING HA 137

Shannon Steele*

This six-week course is intended to femiliarize students with the basic principles of music reading and elementary theory. Areas covered will include the clefs, the music ceaff, time sis-natures, key signatures, intervals, scales, pitch, and musical notation.

Introduction to Music Remding will be taught by a Division III music concentrator with the sid of the music faculty and will be followed by a similarly taught six-wesk course in basic harmony. Students may enroll in both or either.

The course will meet three times weekly for one-hour meetings. Enrollment is open.

*Shannon Steels is a Division III student concentrating in

FIVE SOUTHERN WRITERS: ISOLATION, HUMOR, A SENSE OF PLACE? HA 139

This is a working seminar on the fiction of Eudora Welty, James Ages, Carson McCullers, William Faulkner, and Alica Walker.

ages, carson necutiers, wittem Faulkner, and Alica Walker.

Now does a literature seminar define traciff Often, the Coscher
calents a reading list, with some unity of historical period,
games, or theme in uniod, and the texts then are read principally
coxemplify some kind of a priori assumption. Obviously, the
act of selecting a group of authors, as I have done, implies a
point of view. But the spaid of the seminar will not be to teat
whether my conclusion about these writers is accurate, but rather
to learn how an approach to a body of literary works can be
evolved inductively and refined critically.

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

As for ony point of view-the possible questions or kinds of unity I had in wind in choosing these particular writere--is it of significance that three of these authors are women and two are sent flower that reach return the contract of th

Enrollment will be limited to 15 students. The class will meet twice weekly for 14-hour sessions.

DESIGN AND ILLUSIONISTIC SYSTEMS

This course has been developed as a means of introducing the stu-dent to a variety of design attitudes both theoretical and proc-tical. Working with two and three dimensional design ideas, the processes of conceptualization seeing, and seeing and knowing will be explored. This course using, and seeing and knowled systems, visual semantics, attitudes, criticism and snatysis of visual phenomens. Emphasis will be placed on design innovation and inventions.

This course will meet twice weekly for 13-hour sessions. Stu-dents will be responsible for their personal art supplies which are available through local dealers.

THE LITERATURE OF THE CARLBBEAN HA 148

Robert Márquez

This course will consist of selected readings in the literature of the Carthean authbelago. Our primary interest will be to see the out and analyze the more common procecupations manifest in the writing of the blands and, more perticularly, with the specific treatment they are given by individual prose writerand posts. Perticular actention will be particularly with the appearance of the process of the process of the process of place and identify, will, in turn, be related to the question of asyle and technique. We will be equally concerned with the work of writers from the Anglophone, Francophone, and Hispanophone islands.

The course will meet twice weekly for 14-hour sessions. Enrollment is open. There is no foreign language requirement.

STILL PHOTOGRAPHY WORKSHOP

William Arnold

The photograph as art and communication--its production and implications.

Photography has become one of the primery means of visual ex-perience, today. The directness and impact of the photograph makes an understanding is to techniques indispensable to the artist, teacher, and fundent. So varied is the use of photo-graphy in all account of the photography in all accounts of the photography in all accounts of basic importance.

The course is designed to develop a personal photographic per-ception in the student through workshop experiments, discussion of history and contemporary trends in photography, and field problems to encourage swareness of the visual environment.

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

The class will meet once a week for four hours plus lab time to be arranged. Enrollment is limited to 15 students.

IMPROVISATION FOR THE THEATRE

Josephine Abady

The ability to play is with us from birth. Acting for the theatre evelve out of this ability. We will use this game form to introduce us to theatre techniques used in the art of acting, improvisation is part of the stock-in-trade of an actor's creft.

Enrollment is limited to 15 students. The class will meet twice weekly for two-hour sessions.

SOUND AWARENESS AND THE CREATIVE PROCESS, PART 1

Randall McClellan

An examination of the process of creating music, this course focuses on discovery of our own innate musical creativity by increasing our sensitivity to sound and the potential. Thus we will begin with the two basic components of music-sound and our own nates—and by means of sound awareness experience, we will learn to focus our attention upon each sound. Then by means of a progressive series of guided activities, we will create our own music in an effort to discover our natural creative potential.

Sound Awareness and the Creative Process is structured as a Con-sementer course. During the fail tanh Empireum will be call elements of texture, siting the fail tanh Empireum will be concerning the content of the content of the content of the content of sion. The content of the content of

Students taking this course during the fall term will be exp to continue during the spring.

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

(LC 166)

THE EXPERIENCE OF WAR: JOURNALISH AND PICTION FROM THE SPANISH CIVIL WAR AND THE VIETNAM WAR

David Roberts, David Kerr

Language and Communication course description.

ON THE WAY OF PHILOSOPHY: AN INTRODUCTION TO PHILOSOPHICAL THINKING AND PHILOSOPHICAL THOUGHT HA 167

Raymond Kenyon Bradt

In conversation with a select group of figures from the classical tradition of Western philosophy, this course will attempt to follow the way of the course will attempt to follow the way of the course will attempt to follow the way of the course will give some consideration fresh period through its development in the same consideration to the foundations of Chinese and Indian thought.

The select body of thought attended to in the course will be that of the early Greek philosophers, Socraces, Plato, Aristotle, Augustine, Descartes, Rume, Kant, Hegel, Heidesger, Lao-Esu, Confuctus, the [Ching, the Upanishad, and buddhis Sciptures. This material will be attended to as it attends to the very principles of thought tizelf. The central focus of the attention of the course will thus be upon the way or the method of thinking itself. It is as such meant to serve the purposes of the first division of study in the College.

The course's requirements will be two class meetings per week (two hours each), extensive and intensive individual study of its material, and one major paper to be submitted at the time of the course's completion in December.

Enrollment is open.

LINGUISTICS AND LITERATURE (ic 177)

See Language and Communication course description.

THE WORLD OF FEODOR DOSTOEVSKY

Joanna Hubbs

'Gentlemen, I am tormented by questions; answer them for me.'

The purpose of this seminar will be to determine what those questions are, how bostcowsky formulated them, and why they towested him so. Since I am collutural historian rather than a literary critic, I will tend to focus on ideas--the philosophical and psychological aspects of the works and how they relate to the culture into which Dostcowsky was born--rather than questions of structure or style, which will be considered only in so far as they relate to the ideas themselves. I will begin with a series of lectures intended to introduce the author and to "pisce" him into the context of Russian mythic, cultural, psychological and

historic currents. We will then read and discuss the novels (Foor Folk, The Bouble, The Breen of a Midiculous Men, White Mights, Orline and Funisheems, The Topessred, and Frothers Menacov). Discussions will be supplemented by occasional letters by student participants on chosen copies, both historical and literary; for example, discussions of some aspects of Dostoewsky's work as it relates to other Russians or Duropean writers of the period; or a presentation on the history and nature of Russian Orthodoxy, or on the life of the peasentry.

This course has a heavy reading load to which is added the burden of three short papers and/or a short lecture at described above. Those who feel some hesitation contacting the longer movels, from and Funtament's to so cuch reading (the longer movels, from and Funtament, The Possassed, and Brothers taremancy, average 600 pages) are encouraged to stuy clear!

The class will meet three times a week: twice with me and once with a student discussion leader. Enrollment is limited to 16

HA 114/214 WRITING

Nina Payne*

"Roots and wings, But let the wing grow roots and the roots fly."
--Juan Ramón Jiménez

Writing is a way of using words to record life experience. By weens of exercises that draw on personal history, family ancodotes, pre-verbal memories, drams, and the class time in the process of the process of the control of poets, writers, and depending the at the same time. One of the control of poets, writers, and expensive for sources including the control of poets, writers, visual artists, performing artists, and, when they chose, gembers of the class. Tutorials will be available to all participants.

The class will meet once a week for three hours. Enrollment is limited to 15, and the instructor's permission is required.

HA 115/215 STUDIO EXPERIENCE IN DANGE

Francia McClellan and Elemnor Huston

This course in dance technique will domal primarily with the physical discipline behind dance and movement and the physicality of relaxation and release within movement.

There will be three sections: beginning, intermediate, and advanced modern technique.

The beginning and intermediate sections will meet twice weekly for 13-hour sessions, and the advanced section twice weekly for 1-3/4 hour sessions. Excellent is limited to 20 in usch sec-tion.

HA 117/217 VLICE FOR THE ACTOR

Evangeline Machlin *

See course description in the Emeriti Program section.

*Emeritus professor of theatre arts.

HA 131/231 POETRY WRITING WORKSHOP

Andrew Salkay (Section A)

This course will emphasize the principle that all our workshop poetry writing should be done primarily for the reception and delight of our own workshop members and with them uppermost in mind, for after all we are our very first addence and group approval is vitally important as a source of confidence. Our poets should be reminded that being attentive readers and linteners to the work of other poets of the group is essential practice; and, of course, our readersity and audience will grow and move outwards as we grow and nove along as poets. will grow

The workshop will be a forum for the relaxed reading of poems produced by its members. We will say the closest possible ortitical attention to the prosody and meaning of class manuscripts, and that cught to be done in the evidence of tutorial attention to the boson in the evidence of attention to the work of the poets, and attempt sensitively to analyze that more obvious weaknesses, more often privately than in group sessions.

We will strive to respect the talents of the poets and resist all inducements to make them write like their mentor (that is, either like the external model of their choice or like their instructor or like the outstanding class poet).

Suggested parallel readings will come from the full range contemporary writing in verse.

The class will meet once a week for li-hour sessions. Enroll-ment is limited to 16, and permission of the instructor is re-quired.

ij.

HA 153/253 AFRO-AMERICAN CHAMBER ENSEMBLE

Vishnu Wood

The Chamber Ensemble will focus on the interpretation, articula-tion, and performance of the smalte of Thelonius Monk, John Col-trans, Hiles Prois pake Bilington, Ensoy Veston, and others. Some of the major focal points of the class will be concentrated listening, trunscription from recordings, interpretation of smal-cal scores, and contentual improvisation.

The Chember Ensemble's repertoirs will depend on the instrumen-tation of the students in the group. To develop group intention, there will be concentration on musical texture, timbre, and rhythmic qualities.

All students will be encouraged to enroll in the parallel lecture course, A Ristorical Perspective of Afro-desertoon Music (see course description for He 172/272) which will deal in depth with the above composers in a historical context.

The ensemble will meet twice weekly for two-hour sessions. ment is limited to 20. Some auditions will be necessary.

ment is limited to 20. Some suditions will be necessary.

The class will be trught at three different levels: the first level will be presented for students who have some musical training and the control of the class and performance will be the main focus of this class. Level II, the second level, is for students who have some training in this idiom and wish to gain a more in-depth knowledge of the music; the focus will be centured on music theory, art training in relation to improvising, group performance, and practical techniques. Level III is deep reformance, and practical techniques. Level III is deep reformance. This class will be gain will consist of "standard" material which will apply students with the tools to enter the professional areas.

Us 163/263 PICTION WETTING WORKSHOP

Andrew Salkey

Our vorkshop vill compasite as its guiding principle that all our vorkshop fiction vriting should be done <u>primarily</u> for the reception and delight of our our workshop members and with them uppermost in sind, for after all ve are our very first audiance and group approval is vitally important as a source of confidence our vriters should be reminded that being attentive readers and listeners to the work of other writers in the group is essential precitic; and of course, our readership and audience vill grow and move outwards as we grow and move along as writers.

The workshop will be a forum for the relaxed reading, however extended, of short stortes, novels-in-progress, plays, and other expressions of fiction produced by its members.

We will introduce and develop the necessary skills with which our writers will learn to regard, examine, and write fiction as a display of the imagination in terms of naturative, characterization, internation, and meaning; and those eluments will be studied closely, not so much from approved external models as from the written work of our our class.

We will try to demonstrate that the practice of fiction ought to be manifestly about the creative description of human relation-ships in society, in spite of our inspired creativity, in spite of our quicksliver flights of imagination.

We will encourage both on-the-spot oral critical analysis and considered manuscript-reviewing, we will, at all times, allow the writing and lively analytical discussion of all forms of literary composition within the genge of fiction, however tangential, however independencial; our fiction writers will be encouraged to take any literary risk they may feel to be important to chert development.

The class will meet once a week for ly hours. Enrollment is

HA 172/272 A HISTORICAL PERSPECTIVE OF AFRO-AMERICAN MUSIC

Viehou Wood

This lecture class will consist of a historical study of African-American music. The areas of concentration will be;

American music. The areas of University of Carlobean music - Mighty Sparrow
Carlobean music - Mighty Sparrow
Ragtiss - 1890's, New Orders
Spittuusis - Sparrow
Spittuusis - Spittuusia - Spittuusis - Sp

This class will consist of an in-depth study of these musics a will class; with a live performance of top professional artist Students of the class will present by way of narration the different historical periods in performance,

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

HA 181/281 HERE AND NOW: AN EXPERIENTIAL AND THEORETICAL INTRODUCTION TO GESTALT THERAPY

Linda Gordon and Graham Gordon

thinas corson and Grama Corson in this course we will explore together the theoretical concepts that underlite the exciting and innovative approaches that have come to be known as Gestalt Therapy. Since it is a contradiction in terms to "Call about" Gestalt work, we will do this in the framework of, an experiential crown that the concepts that the discuss. There is no new any too destalt work, but rather members of the class will have the opportunity to larm more about themselves and to integrate the conceptual work in the contradiction of the contr

We will meet twice a week for two-hour sessions and the group will be limited to 14 members. Entrance to the class will be by interview with one of the instructors.

PILM HORKSHOP II

Jarome Liebling

A workshop to help the student continue to develop his/her use of film toward the development of a personal vision. Specific areas of concern are: (1) the film as no for environmental and social change; (2) aspects of the operimental film, its assthatics, energy, and personal vision; and (3) expanded cinema-new movements in film mentalize.

The course will involve lectures, field work, seminars, and extensive production opportunity. It is for students who have completed film, photography, or TV classes in Easte Studies, or their equivalent-orp permission of the Instructor.

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

SEMINAR IN COMPARATIVE RELIGION

Robert Meagher and Dennis Hudson*

The thome of this seminar will be a comparative study of https://documents/ Angustine's Confessions, two texts which have been formative in the development of intholium and Christianity respectively. In addition to a careful strength of the total the confession of the confession of the seminar will raise and address of moderation of comparative study itself, its possibilities, its limits, and its perils.

Hampshire College students wishing to participate in this seminar should contact Robert Meagher, 6 Warner House, x560.

*Dennis Hudson is Associate Professor of Religion at Smith College.

PPFORT/SHAPE: LANGUAGE OF MOVEMENT AND OBSERVATION HA 213

Francia R. McClellan

This course will be based on Rudolph Leban'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 component of the chair has ann and servity and the ovoid around his, for it is the medium around which he actualizes his responses. It is the neutium around which he actualizes his responses. It is through the overment of other popule and objects that are refines and expansion his knowledge of the world...Thus the study of movement is constructed by concerned with a person in relation to the world and the people around him." --Thornton on Laban

Effort/Shape annlysis:

- . is a technique for describing, measuring, and classifying human
- movement; describes patterns of movement which are constant for an in-dividual and which distinguish har/her from others; delineates a behavioral dishemsion related to neurophysiological 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 close with basic tools of movement analysis, observation, and notation. In addition

to becoming familiar with basic Effort/Shapo parameters of move cent, efforts and effort states, students will be able to disco and examine thair personal sovement preferences with the potent for expanding their own repertoirs and understanding how their ment serves them (alone and with others).

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 month) in an area of relevance (for example, movement in object month) in an area of relevance (for example, movement in the surface verbal communication, movement therapy) to the students partici-pating is this course.

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

The class will meet twice weekly for two-hour sessions. Limited to 15 students; discussion with the instructor is suggested.

FILM/PHOTOGRAPHY STUDIES: INDIVIDUAL PROBLEMS IN FILM MAKING, PHOTOGRAPHY, AND RELATED MEDIA

Jerry Liebling

This course is open to film and photography concentrators in Divisions II and III only. Differences in work or participation to be expected between divisions will be discussed with the inservetor at the beginning of the term.

The class will accept to integrate the procedural and formal concentration requirements of the College with the creative we produced by each student. It will offer forms for meaningful criticisms, exchange, and exposure to each other. In addition, various specific kinds of group experiences will be offered; field trips to muneums, salleries, and other environments, a guest lecture and workshop series; and encounters with student concentrators, teachers, and professionals who are in the other visual arts or related endeavors.

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. The class will meet once a week for five hours.

THE INTELLECTUAL AND SOCIAL HISTORY OF SPANISH AMERICA U4 221

Robert Marquez

This course aims to explore the mutually influencing effect of culture and ideology, politics, and economics, on the ethos and history of Spanish America ince independence, focusing on Ouba, Peruy, and Argantina as examples of general trends throughout the

reading knowledge of Spanish will be helpful but is not re-wired. The format of the class will depend on the size of nrollment.

The class will meet twice weekly for 14-hour sessions. Excoli-ment is open.

DUCTOCRAPHY WORKSHOP II

A workshop to help students continue to develop their creative potential and extend the scope of their conceptions in dealing with photography as personal confrontation, easthetic impres-sions, and social easteness.

Through lectures, field work, and seminars, students will attem to integrate their own humanistic conegram with a heighteness or perfectly intermediately the through the 460y of a wide verticely photographic experiences and the creation of sevinges, the students can share a concern for the possetticy of expres-sion and the positive influence photography can have upon the aesthetic and social environment.

This course is for students who have completed photography, film, or TV classes in Basic Studies or their equivalent—or by permission of the instructor.

There will be a lab fee of \$15.00. The class will meet once a week for four hours. Enrollment is limited to 12 students.

Arthur Hoener

This course is designed to give the student an understanding the conceptualising processes imvolved in making contemporary sculptural forms. A variety of the presence alsed at heighter the ownerness and perception of time and space as potential to jet; matter will be presented. Dephasis will be placed on it vation and time time.

Students will be expected to supply their own art materials, initiative, imagination, and perspiration. Enrollment will limited to 16, and instructor selection will be made at the first class section.

The class will meet once a week for a three-hour session.

THEOLOGY HA 228

Raymond Kenyon Bradt

Raymond Kenyon Bradt

The endsavor of this course is to be fourfold. It is, firstly, to effect an introduction into the domain of theological discourse through a study of a select number of the property of the first owners of the first owners, and the first owners owners, and the first owners owners owners owners, and the first owners owners owners owners owners owners ow

The primary matters of consideration in this study are to be those of theological method and of the being and the nature of God, the divine being, are the secondly, to engage in a primary theological activity of its me, and whose endeavor will be to speak God forth in the Ost of human speech. Its hope in this endeavor will be to speak God forth as God is, in those words in which God is as God is to be spoken.

The course is, thirdly, both in its own terms and in those of its readings, to effect a-theological determination of the order of becoming. Then, fourthly, it is to consistence of the relationship between the human and phaletine orders of being, relationship between the human and phaletine orders of being. This consideration will include through a reading of a selection faith and of the spiritual set chrough a reading of a selection of religious ceats (consideration will necessary), and the consideration will be considerated the consideration of the spiritual set of the consideration of the

The course is, then, to bear into its conception the nature of God and the nature of humanity in its relationship to the divine conception. Given the extensive plan of the course, its durationally bether full assedmic year; the first term for the first bounder tions and the second term for the ascond two sections of the material of its consideration. Students with, bowever, he permitted to take either term alone with instructor permission.

The class will meet once a week for three hours. Enrollment is open.

POETRY WRITING WORKSHOP RA 231

Barry Goldensohn (Section B)

This course has a double commitment -- to both writing and criti-cism. In practice this means that workshop members have as profound a commitment to reading one mother's work as referred own. The goal of this is to develop a self-critical settled toward one's own writing since we are more constitution of the and occasionally wiremaths in others seemed see then in our-selves. We team indirectly, but we do learn.

Poems will appear on worksheets that will be available a few days before each class. Work is due each week. Readings will be as-signed. A critical essay on a subject on the student's choice is required.

The class will meet twice a week for ly-hour sessions. Enrollment is limited to 15 and instructor approval is required. Students wishing to enroll should submit a manuscript to the instructor during the course interview period.

GROUP INDEPENDENT STUDY IN ELECTRONIC MUSIC COMPOSITION

Randall McClellan

This course is intended as meeting time for those students who are already qualified users of the electronic music studio and who are actively involved in studio composition. It is a time to shere our work with each other as well as our problems are frustrations, and to celebrate the completion of each new piece.

All students working in the Electronic Husic Studio who are not enrolled in the Seminar in Electronic Husic (MA 270) should en-roll in this Group Independent Study.

We will meet every second Friday afternoon in the electronic music studio for 21 hours. Enrollment by permission of the instructor.

AMERICAN LITERARY REALISM: MARK TWAIN, HENRY JAMES, STEPHEN CRANE, THEODORE DREISER на 236

Richard C. Lyon

Following the Civil War, writers of fiction in the United States mounted a rebellion against the sentiments, proprieties, and optimism of genteel literature. The Realists sought not only to require in their works are leading to the sounds and atmosphere of everyday success of the conditions of control to the conditions of death of the conditions of the

We will read several works of short fiction and novels by each of these writers, noting the different ways in which each of them reckons with the public and private crises of their lives and

The class will meet three times a week for 1-hour sessions. En-rollment is open.

D. H. LAWRENCE AND THE NOVEL HA 237

Clay Hubbs and Robert Neill*

One history of the English novel in the nineteenth and early seventeent centuries is the history of the decline in the a.mortry of exclosed and social vision of the world and then rise of a new and more complex modern vision. These new one of the role in the history played by 0. He would not one of the most ambittous and least understood of the major writers accomplish that the conditions of the most provided by the conditions of the condit

ĭ,

We will begin with a preliminary offort to define the classical English moved of the intercenth contury and a consideration of the neutre of its earliest challengers-English and classical particular, those Lawrone saw as its predicts and classical to the body of the course we will examine the tractical casesys. Among our chief concerns with the course bedries it into as he defines it into the body of the course with the concerns with the course both a more complex view of the relationship to the course both a more complex view of the relationship between mean and women and the tenets of an equally complex social and moral criticism.

The course will consist of lectures and discussions (about half and half). There will be a series of short critical papers in which studenters will be asked to explore various aspects of how the novels work.

Reading list: Jane Austen, <u>Pergussion</u>; Melville, <u>Typoe</u>; Emily Bronte, <u>whithering Heighles</u>; Thomas Hardy, <u>Tose of the d'Unber-villes</u>; D.H. Lawrence, <u>Sons and Lovet</u>, <u>The Rainbow, Memon in</u> <u>Love</u>, <u>Studies in Classic American Literature</u>; selected short fiction, selected literary and social criticism.

Students are encouraged to prepare for the course by readin nineteenth-century mediah and American fiction. Suggasted summer reading list: Row. "Ligida" and "The Fail of the bubber", Basthorns. The Searlet Letter, Bitthedele Romance: ville, Boby Dick: Dickens, Crest Expectations; Thackeray, Vanity Fail; Gorge Ellot, Hiddlemarch.

The course is open to Division II students, Division I students must have the prior permission of the instructors. Differences in work or participation to be expected between divisions will be discussed with the instructor at the beginning of the term.

*Robert Neill is Grants Coordinator in the Development Office and holds an M.A. in English and History from Vanderbilt Univ

MYTH: AN INTERDISCIPLINARY APPROACH HA 241

Joanna Hubbs and Clay Hubbs

"A whole volume could be written on the myrhs of modern man, on the myrhologies camouflaged in the plays he enjoys, the books he reads. Profame am is the described in the plays he enjoys, the books he reads. Profame am is the described in the properties of the reads of the properties as the behavior of his religious as the properties is, the behavior of his religious as the properties is, the behavior of his religious as the properties of the properties as the properties are the properties and the profame that the properties are the properties and the profame that the profame that the profame is the properties are the properties and the profame.

--nirces sizes, and serious and nir formanic Paramic of the study the myths of madern non-religious man, our myths (including the myth of gas attack) and the study the myths of the study the study the myths of the study that the study that the study had their origins in Greece, the most study had their origins in Greece, the most study had their origins in Greece, the most study had the study that t

Readings will include Frazer, Malinowski, Levi-Strauss, Freud, Jung, Campbell, Eliade, Cassirer, Frye, Wheelwright, as well as Lawrence, Mann, and other novelists and poets.

The class will meet twice a week for two-hour sessions for lec-tures, discussions, and films. There will also be guest lec-tures by five-college anthropologists.

Forollment is open.

THE NATURE OF HISTORICAL KNOWLEDGE A 244

(LC 245)

Richard Lyon

See Language and Communication course description.

INTERMEDIATE SCENE STUDY HA 248

Josephine Abady

Intermediate scene study will deal primarily with techniques used to create a complete character. The cuphests of the course will be characterization. We will examine how the author's, director's, and sector's visions of the character can be assimilated into a performance. We will study how an accor makes choices char lead to the creation of a bollwable on-stage if. Character studies and scene work will be taken from modern drams (pust Chekhow).

The class will meet twice weekly for two-hour sessions. Enrollment is by instructor permission.

SACRED AND PROFANE LOVE IN ENGLISH POETS

Francis D. Smith

In the work of certain posts writing in English, there has been a constant tension between eros and agage—axusal love and spiritual love. We shall read closely the work of several posets to see what are not closely the work of several posts to see what is a cultural context. Donne, Creshaw, Mopking, Thomas and Ellow will be required to the context. Donne, Creshaw, Mopking, Thomas and Ellow will be required and action one of these major writers will be required and another on a modern post in the tradition, chosen by the student.

Enrollment is limited to 20.

HA 251

THE NEW YORK PILM PESTIVAL

Thomas Joslin*

Thoses Joslin*

The New York Film Festival is one of the major film events in the United States. This course will consist of a small number of students journeying to the work for the full two weeks of the festival (September 18). The Cales, as a group, will two cogether all course 8). The Cales, as a group, will two cogether and Festival to guarantee seating at all screen the course of the c

Entrance into the course will be limited to six students who will be selected by the inscructor after interviews. Criteria for selection-will include knowledge of film history and the contemporary film scene, demonstrated critical ability (a pager, published film reviews, etc.), and the ability to attend the complete feativest without descroying the students' other first exemeter academic commitments. Negistration will take piece late in the apring so as to provide proper lead time for students to arrange their fall affairs.

There will be a lab fee, as yet undetermined but probably between \$35 and \$65. This fee will include housing but not food.

*Pending appointment.

ENVIRONMENTAL DESIGN STUDIO Morton Juster and Earl Pope

The environmental design studio will provide an opportunity for more advanced research, investigation and design for students with a serious interest in architectural planning and environmental design. Studio format, to be determined, could include:

Environmental design studio - design experimentation an building type study; (2) design analysis and evaluation; (3 seminars related to design theory, history, the literature design, or the role of the designer in society.

This course will presume certain background knowledge; therefore, enrollment will be by permission of instructors.

SENSE AND SPIRIT

Robert Meagher

Robert Heigher

Rivers, we know, often dive deeply under or into the earth, out of sight and lost to our ears and touch. And yet we say tilg most anywhere and feel the molitars of lost her file and overflow beneath our every fact. The same till a sudden, a river, hidden underground for the control of a sudden, a river, hidden underground in that flux where've know we stand each time only once. We have here an image of the sensuality of spirit and of the spirituality of sonse. If we trace the paths and movements of spirit to their source, we follow them func the samusal; and if we attend to the leadings of our senses, we are gestured and lifted that the sovements of spirit. Spirit and sense, sacred and profane, aind and body are both many and one, yet sharing a common life. Each sense secred to spirit longs a path of its own and we shall explore and share such ascents with our own native artistry, the painter, the musician, the dancer in each of us, to serve as our guides.

of us, to serve as our guises.

This class will involve both a seninar and a workshop, each meeting as a rule once each week. Seninar rendings will include: Jones, The Themosenon of Life; kendinsky Conterning the Spittual in Art, and Zuckerhandi, Somital substitution of the sening the

Enrollment is open. The class will meet twice weekly for 13-hour sessions.

SEMINAR IN ELECTRONIC MUSIC, PART I: BASIC STUDIES HA 270

Randall McClellan, Bronson Goddard*, John Petersen*

This two-sensiter course is incended to introduce students to the senses of electronic composition in general and to the Magaphite Statement Composition in general and to the Magaphite Statement Composition in general and to the Magaphite Statement Composition in general and the Magaphite Statement Composition in the Statement Composition of the Statement Compos

Jects of the culminate in individual compositional projects in electronic media.

Although previous experience in more trudicions forms of compo-sition is helpful, it is by no memo a preroquistic. Students in the course will, however, we expected to deveae a considerable mount of the both in and out of the studio in sural analysis of electronic music and in readings pertaining to meathering and com-positions! process.

The class will most twice weekly for Ly-hour sessions. Enrollment is limited to 8.

*Bronson Goddard and John Petersen are Hampshire College Hambents

NITTY-GRITTY DRAWING HA 257

Roy Superior

Have you reached a level of commitment that predisposes no dif-ficulty in working hard and sustaining your efforts and interest?

Do you desire to make drawings that deal with issues involving the representation of actual objects?

Do you wish to create figurative images that occupy credible spaces?

If yes, answers to these questions will serve to further your aims AND

if you have either previous drawing experience, reasonable ability or a red-hot portfollo, or pethaps an insatiable desire to draw like crasy, then we can get right down to an intensive exploration of drawing as related to the world around us.

On crowing as retained to the vortice around us.

This class will be concerned with aspects of drawing the figure, natural organic forms, can-made and mechanical structures, land-scape, interior environment, with contract and acceptance investigation, as well as the contract and acceptance investigation. It is not to be a veck for a grueling three me model (human and animal), inspirational related intellectures, group cirtiques. Outside assignments will challenge the imagination and ability, technical problems will be discussed but not belabored, and we will work as if our lives depended upon it-ms indeed they might.

Class limited to 15 to be selected by the instructor on tither port-folio review prior to the class or at the first secting. Final course evaluations vill be lead on portfolio review and magnitude of effort. The School vill supply the models, animals, and other mostalgic second-like, but the students vill supply their own sup-plies and materalis.

PLATO AND AUGUSTINE

Robert Meagher

The path of this seminar will lead us through several works of each philosopher, works which are seminal not only for the development of their or bhought but also for the development of Mestern thought but also for the development of Mestern though and on the seminary of the seminary o

This seminar is limited to 16 students, by lottery, and will meet twice each week for two-hour sessions.

HETAPHYSICS I: THE ANCIENT PERIOD

Raymond Kenyon Bradt

This course is to constitute an examination of the origins and development of first philosophy or metaphysics in the ancient Greek period of its thought. After an introductory study of early Greek philosophy, the course will some on directly minimate the study of Plato's Republic (Books V-VII), Theatening Paramenides, and Sophist, and Aristotic's Patephysics. Will attend prisarily to the various determinations. The course itself will be complemented by two other courses: The Course itself will be complemented by two other courses: The Course itself will be complemented by two other courses: The Course of the offered courrently, and "Metaphysics III: The Modern Partod," to be offered courrently, and "Metaphysics III: The Modern Partod,"

The class will meet once a week for three hours. Enrollment is open.

STUDIO ART CRITIQUE HA 280

This course will be divided into two components. One 21-hou meeting per week will be demoted to cifftyms of seadant-work A second weekly meeting, if hours in length, of seadant-work rotation of presentations by the sewdence scheme active participation in group projects.

Enrollment is limited to 15 students.

ELIZABETHAN, JACOBEAN AND AFTER...

L. Brown Kennedy

This course will center on a close reading of drama written in England during the attracent and seventeenth centuries: Temburlains and <u>Dr. Fustus</u> (Marlowe). The <u>Knight of the Borning Pestic</u> (Securors and Pitcher). <u>Healett, Henry II and Antony and Clestic (Shatespeare), 'Tis Fity She's a thore (Ford), The Duchess of Maili (Webster). Senson Agonists</u> (Milton), All for Love (Dryden).

by own reading of these plays posits a connection between a society--its social structure, its political and intellectual concerns--and the literature which it products is propose, in a series of lectures and discussions, to mechanish the language and structure of the texts into an orgination of this connection.

and structure of the texts into an exploration of this connection. To give an exemple of one of several problems I would like for us to deal with: my work has returned as repeatedly to Nervell's exemunation of the effort and suffering of the effort and suffering of the effort and suffering of the stoward of the effort and suffering of the stoward the world will not entire presented by the stoward the world will not entire presented hereon and heroines to play make whose own political experience ranged from the glories of Elizabeth's victory over the Armade through the downfall of Crossoull's Componwealth; and, perhaps as a consequence, they offer a range of approaches to the question—what chance do individuals words or actions have of influencing their faces, or their societies. The men and women who are the central characters of these plays share, as their own language reveals, the search for an uthentic mode of speech or of action, but that sode but you drastically with the reality of the situations in which with the colley, and what are beave words in one period become bombast in shouth.

Though this will be a lecture-discussion course, there will be opportunity for chose students who are interested to defrected research-semist work on specific aspects of the historical background to the plays. Each person taking the course will be asked to contribute two papers.

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

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

lents of el.

its educational policies, senorar my and roam program and achietic and other College-administered programs.

Hampshire is an Affirmative Action/Equal Employment Opportunity Employer. All employment policies and deci-sions are made without regard to sex. race, color, reli-gion, national or ethnic origin, or age.

I mail areas of education and employment the College seeks to comply with all applicable federal and state laws and guidelines including Title VI and VII of the Civil Rights Act of 1964; Executive Order 11246 of 196 as amended by Executive Order 11375 of 1967 and Title of the Education Amendemnts Act of 1972.

THE MUSICAL HERITAGE OF THE WEST

Randall McClellan

This course is designed as an introduction to the bany forms, styles, and genres which have contributed to the immense richness and diversity of the Mestern "Lessical" treatition of music. twill begin by examining supects of the earthetics of music, the role of composer performer, and intercer, and the dynamics of styliatic change. We shall then examine the interaction of the musical materials of molody, rhythm, tonality, converge and form.

The greatest portion of the course, however, will be devoted to listening to and discussing some of the principal forms of in-arrumental match, such as the symphony, the consector, and cham-ber that the such as the symphony the consector, and cham-ber that the such as the symbol of the consector, and cham-ther that the such as the symbol of the such course of the such as the three hundred years. As such, so will devote our examination prizarily to the baroque, classical, recastic, and modern periods.

Our discussions will be primarily non-rechnical, and no previous musical training is required. However, the control of the con

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

U. S. HISTORY: FIRST HALF OF THE 19TH CENTURY

Van R. Halsey

The bustling ers in U.S. history from the evacuation of the British troops in 1783 to the boom times of the 1840's has produced a bestidering variety of historical interpretations. May' May shave scholars felt the need to continually review and reinterpretation of our past? What makes these years so difficult to understand, so ripe for one-going argument about causes, consequences, and contradictions?

As an understanding of the politics and communics of slavery the key, as some suggest? Did the adoption of immiltion's financial plan in 1795 set an irrevocable course for the dominant forces of capitalism and industrialism? Is the America of these years obe understood by an examination of the rolling sentences and common the course of the course of

These themes (some in more depth than others) as expressed in both historical and imaginative literature of and about the period will be examined in this course. An annotated bits graphy will be provided. A few books will be compared will be depended in the class will meet and one or two papers will be depended. The class will meet ruice weekly for 14-hours of the class will meet ruice weekly for 14-hours of the class will be arranged for individual projects and tutorials. Enrollment is open.

SCHOOL OF LANGUAGE AND COMMUNICATION CURRICULUM STATEMENT

The concept of a School of Language and Communication is unique to Happainte Collaps. The School represents a synthesis of discount of the Collaps. The School represents a synthesis of discount of the Collapse of the Colla

Areas of Study

Acres of Study

Cognitive studies. The nature of the human mind depends on its capacity to receive, store, transform, and transmit symbolic forms, or information. The cognitive sciences are devoted to the study of these fundemental properties of mind. Linguistics and cognitive psychology inventigate human selection of the study of these fundemental properties of mind. Linguistics and seathematical log-processing the selection of the selection o

Language. culture, and society. Symbolic forms are the medium of communication as well as of mind. The sue of language, our richest insurfument of communication, reflects, maintains, and creates social attructures and cultural forms. The issues that are addressed in the School's courses range from the role of social relationships in two-person conversation, to the way in which liverery ortists exploit the structure of language correct exthetic effects, to the theorem the role of social relationships in two the third proper converted and language of the control of the co

and psychology. Communication has been fundamentally alter-ded by the invention of instruments for the mass distribution of pictorial and linguistic forms and their subsequent control and exploitation by certain social institutions. The influence of this new force on advanced societies is the subject of the School's courses on mass communications theory and research. Kethods are drawn from the social sciences, including sociology, psychology, and economics. The School also ofters applied courses in journalism and television production.

Division I Courses

Division 1 courses in the School are offered as introduction to LAC - study. They are often multidirely imany it is constructed to the study of the school are offered as introduction.

The School offers o full range of Division II courses every year, which allow the students whose concentrations involve LAC to desire a rel of their work on campus. These courses are atturned the School. Many of them require no prior knowledge of the area covered, although some do. The individual course descriptions state any background needed by the student. Division I students who can handle the material are well controlled the course descriptions state any background needed by the student. Division I students who can handle the material are well controlled the value of the course night well course. Although work go manufaction, no time in Division II courses. Descriptions of the course night well and the predictional profile of the course of the value of

3

(1)

Five-College Eurollment

Pive-College students are welcome in all L&C courses. A Five-College student can reserve a space in an L&C course by calling the instructor, the L&C School office, or the L&C Advising Gen-ter.

SCHOOL OF LANGUAGE AND COMMUNICATION

DIVISION I	
BILINGUALISM. LC 111	H. Peinstein
MACTICAL MIGBLEN-SOLVING	D. Knapp W. Hersh
HORSES AND PREUD: ON THE NATURE OF HUKAN NATURE LC 172	D. Israel
SOCIAL DEVELOPMENT AND DEVELOPMENTAL PARADICHS LC 165 (SS 165)	d. Imioney
THE EXPERISNCE OF WAR: JOURNALISH AND FICTION FROM THE SPANISH CIVIL WAR AND THE VIETNAM WAR LC 166 (HA 166)	D. Kerr D. Roberts
LANGUAGE, CULTURE, AND SOCIETY LC 171	J. Kegl
LINGUISTICS AND LITERATURE LC 177 (HA 170)	J. Gee
TELEVISION AND TRUTH	R. Huller
HASS HEDTA AND THE STATE LC 183	J. Hiller
THOUGHT AND HIND LC 189	C. Witherspoo
COMPUTER PROGRAMMING LC 193	R. Moli
AMERICAN SICH LANGUAGE AND ITS STRUCTURE LC 195	J. Kegl
DIVISION II	
A HISTORY-OF THE PRESS IN THE UNITED STATES LC 201 (SS 201)	D, Kerr J. Parmess
STRINGS, TREES, AND LANGUAGES LC 206	W. Harsh
COMMUNICATIONS IN EVERYDAY LIFE: A CONCEPTUAL APPROACH LC 216	J. Miller
PIAGET: THEORY, RESEARCH, AND EDUCATIONAL APPLICATIONS LC 223	E. Cooney
THEORY OF LANGUAGE: LINGUISTIC AND PSYCHOLOGICAL PERSPECTIVES LC 226	H. Peinstein J. Gee N. Stillings
MORESHOP IN CONVERSATION ANALYSIS LC 228	J. Tallman
CHILD LANGUAGE DEVELOPMENT	D. Knapp
SMALL COMPUTER DESIGN LC 241 (MS 274)	2. Tinker
THEORY OF KNOWLEDGE: CLASSICAL WRITINGS LC 242	C. Witherspoon
THE MATURE OF HISTORICAL KNOWLEDGE LC 245 (NA 244)	R, Lyon .
FORMAL MODELS OF LEARNING AND INDUCTIVE INVESTIGATE LC 250	R. Moll
PHILOSOPHY OF LANGUAGE: REFERENCE, MEANING, AND TRUTH LC 251	D. Israel
FOREICH LANGUAGES	
INTENSIVE ELEMENTARY SPANISR	A. Nieto

RILINGUALISM

INTENSIVE ELEMENTARY FRENCH LC 130

Mark Feinstein

Societies where only one language is moken are few and far between. The normal sector of effeirs is billingualism, or multilingual life. The phenomenon raises is not of interesting
outstions for linguists, sociolinguists, spycholinguists, and
outstions for linguists, sociolinguists, psycholinguists, and
sociologists. We will consider, for example, how writery of
outstions for linguists, sociolinguists, psycholinguists, and
sociologists. We will consider, for example, how writery of
outstiers of the social contraction of the social, cultural, will choose to use. Special attention will
guages affect one snother structurally a special attention will
against to "code sutching," whereby a speaker writches back
and forth between two languages, socialises within the same of
were the discussion. In moured, then such contract or even the same sentence. Language lateties, one language is usually done to use. Special attention will
also enter the discussion. In moured, then other(a) has been
reputed in the social contraction of the s

R. Pelletier

The focus of the course will often be on Spanish-English bilingualism in the United States; but we will also consider the role of mativa American languages, and look at a number of relevant international cases, including Quebec, Paraguay, Belgium, Sri Lanks, the USSR, and Nigeria.

Classes will generally alternate between lectures and discussions. A research paper is required for an evaluation for grade). Readings will include: The Sociology of Language by J. Flebmen, Language and Social Context by P. P. Gigloli, and Sociolinguistics by P. Trudgill.

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

PRACTICAL PROBLEM-SOLVING . LC 143

Deborah Knapp and William Harsh

This course is about applied problem-solving and logic. We will use games and purtles to study the way we go about solving problems, partly to understand something shout how the bussn sind works, and partly in the hope of learning to think more clearly, efficiently, and creetively.

The core of the course will consist of thinking exercises, concrines done by the class as a whole and sopetimes singly or in small groups. These secretical control and supplies that the control incompanies critical intropositions of the control will be on reading and writing. We believe that thinking is largely a skill, as eximming and tennis are, and that it can be improved just as they can by becoming evere of principles and by diligent practice.

In addition to playing games, we will read some psychological literature on problem-solving. We will look at the differences between conscious processes and nonconscious onces, such as the phenomenon of sudden innight when an answer seems to "pop into mid" while the sind is cultivarise occupied. We will also read, books by nonpsychologists, including Admar' Concentral Blockworkers, Arthur Kosstelr's Act of Creating, Poly's Montagers, Arthur Kosstelr's Act of Creating, Poly's Montagers, and and investigating the great control of the properties of the properties of the state of the processing between psychological theory and these authors' practical suggestions.

Skill another cophasis will be on elementary computer science, logic, and game theory. We will use disgrams and flow charts as adjuncts to expository prose in refining our ideas, and logic in ports back over these acterily to look for mistakes and oncisions. In finding winning strategies for games we will also investigate the structure of different types-of games. In learning to play better we will also look at how computers play games and directing the control of the difference between their activities and outs.

Students will be expected to carry out small research projects. This could be a systhological experiment or demonstration, or perhaps a computer model for a game.

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

Enrollment limit: 32, to be determined by lottery at the first class meeting.

SOCIAL DEVELOPMENT AND DEVELOPMENTAL PARADIGMS Ellen Cooney and Maureen Mahoney

The purpose of this course is to introduce the student to developments | psychology by exploring both what we know and how velopments | psychology by exploring both what we know should be the control of the control of the control of the control of the child. We will deal specifically with several central topics in social welopment, including most development, seer-role development, including most development, seer-role development, colaid and omptimizal literature to leds will read the theoretical most provided by the collection of the collection

Interview, experimental manipulation).

Throughout the course we will consider the issues of how certain theoretical approaches land researchers to formulate certain questions and not others. Further, we will set how the specific methods used are shaped by underlying theoretical sammptions and how they in turn lists the nature of the findings and conclusions which can be drawn. Why, for example, have American spechholysist rarely looked a infancishment of the property of the state of the findings and conclusions which can be drawn. Why, for example, have American spechholysist rarely looked a infancishment of the force of the findings of the special control of the force of

Course meatings will consist metally of discussions and lectures. Readings will include salections from Froud, Erikson, Rohlberg, Piaget, Bruner, and Bandure, among others. Students will be expected to complete readings prior to class seems contribute actively in discussions. From the contribute actively in discussions. From the contribute actively in discussions is seen to the contribute actively in discussions. From the contribute actively in discussions is seen to contribute actively in discussions. From the contribute actively in the contribute of the contribu

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

THE EXPERIENCE OF WAR: JOURNALISH AND FICTION FROM THE SPANISH CIVIL WAR AND THE VIETNAM WAR LC 166 (HA 166)

David Kerr and David Roberts "Medrid, April 24- The window of the hotel is open and, as you lie in bed, you hear the firing in the front line seventeen blocks away. There is rifes to the form the fire go 'tarceng, acrong, acrong, acrong, acrong, and then a machine gun opens up. It has a light caliber and is such louder-'rong, cereribg, rong, rong.

Ernest Hemingway New York Times, April 25, 1937

"If we can't shoot these people, what the fuck are we doing here?"

U.S. soldier in Vietnam quoted in Dispatches by Michael Herr

Dispatches by Michael Herr

Statis best history may give the fullent/ive and afford the
deepest comprehension of so westly complicated a thing as wer.
But it is often in the relatively immediated thing as wer.
But it is often in the relatively immediated thing as wer.
But it is often in the relatively immediated thing as were an interest of the state of

Tiction as modes of inquiry contribute, to that understanding. The course has no specific prerequisits and is aimed at Division I students who do not necessarily have a strong background in the history of either wer; but we expect everyone who takes the course to engage the readings fully and critically pedagogical intention is not to settle a (potentially smooth) edebate as to which forms of writing better accommigned steaff to war, not is it more than anaginally our clearly endeading a discriminating survey of the literature accommigned the administrating survey of the literature committee (the best books about Vietnam may not yet have been written). Rether we hope to set journalism and action side by side (in line with the teachers' respective more of competency as a double focus attempting, like the stereoption viewer to make the whole picture comm to life in depth.

Writing assignments: two short critical papers and one longer research paper.

Pertial reading list:

Introductory essay: Hoam Chomsky, "Objectivity and Liberal Scholarship." Scholarship: Spanish Labyrinth
Gerald Sraman, the Spanish Labyrinth
Gerald Sraman, the Spanish Labyrinth
Burnet Bolloten, The Grand Carporliage; The Communist Conspitacy in the Spanish Civil Max
Fram Enternau, The Spanish Cockpit

George Orwell, Homage to Catalonia Erdest Hemingway, For Whom the Bell Tolls Erchest Hemingway, For Whom the Bett 1911st Victiman Was:
Frances Fitsgerald, Fire in the Lake
Frances Fitsgerald, Fire in the Lake
Bernard J. Fall, Mell in a Very Smell Place
Richael Herr, Dispatches
Robert J. Litton, Home from the Var
Fhilip J. Capute, A Numer of Var
Robert Stone, Deg Sollster
Robin Woore, the Great Marcet
Robin Woore, the Great Marcet
In O'D'sten, Going After Cacciato

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

Enrollment limit: 40

LANGUAGE CULTURE, AND SOCIETY

Judy Kegl

Language, culture, and society are inextricably bound up with one another. The study of language in its cultural and social setting can give us finish; into human beings as social and cultural beings, as well as enrich our view of human language and the relationship between language, chought, and culture? Does one determine the others, or are the relationships more intricate and complex? What gar, the boundaries between the relationships more intricate and complex? What gar, the boundaries between world and our culture should be a supplementation of the control of the c

When we get to the level of social structure within a particu-lar culture we find, interestingly, that language both reflects social organization and gives us away to study, it. Different groups within a society-including ethnic groups and social economic classes--preserve their identity partly through order subtle and (for the most part) unconverting through order subtle and (for the most part) unconverting through the gauge variation with the study of the social partle of the gauge variation with the study of the social partle of the speech community, in spite of their differences. There are, for example, namy-distinct, vari-cties of English spoken in New York City, yet it can be shown that speakers of all these distinct various dislected single speech community, and have a distinct identity as a whole, Now does this happen? We till look at various dislects of fina-lish, some ethnically based, some class-based of the same important implications for education.

has some important implications for education).
We will also look into the intriguing connection between what children tend to do in learning a language, what we tend to find in nonatendard dislates, the ways tend to find in nonatendard dislates, the ways that the second to change over time such of these areas we keep finding gettlement of the second to the second

The class will meet twice a week for lectures, and once a week students will meet in small groups for wascussion of readings, lectures, and student work.

HOBBES AND FREUD: ON THE NATURE OF HUMAN NATURE David Israel

Man, we are told, is a --parhaps the --rational animal; he/she is also a social animal. What, if enything, has the one to do with the other?

It has often been assumed that man's nature as a rational animal imposes attingent, and fixed, constraints on the attructure
and imposes attingent, and fixed, constraints on the attructure
of humanly possible social orders, and that it does this owner.
It is not a support to the constraint of the

This course will focus on the above issues, not by way of survey, but through a catiful inventigation of the views of Nobbes and Freud and, if time permits, a look at a current version of a strong biological-dearniest view: E. O. Wilson's Sociostiology. In studying Hobbes and Freud, though, we will find it necessary to stray into theory, political theory, gene theory and the theory of rational choice, and biology. You may find it enlightening to stray our further afteld.

Primary texts: Hobbes, The Levisthan
Frend,
Beyond the Plessure Principle
Egg and 14
Givilisation and its Discontents
"Project for a Scientific Psychology"

Two papers (shout 10 pages each) will be required.

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

Enrollment limit: 16

LINGUISTICS AND LITERATURE LC 177 (HA 170)

James Paul Gee

James Paul Gee

Linguistics, in the broadest sense, is the study of lenguage. In a marrower sense, it is the study of the mature, attructure, and organisation of individual language that and organisation of individual language that an analysis of the mature, attructure, and organisation of individual language that gapage in section of the study of the state of the st

This course will have several goals. First, it will seek to introduce the student to some of the basic notions of linguistics and the study of theoretical greems in the framework of literature and discourse. Second, it will introduce the student to the nature of linguistic analysis of literary setuing the course will seek to introduce the student to the notion of the second comparatively new study of literary stylistics. The course may

also include some discussion of structuralism and its applica-

Students will be encouraged to engage in literary and textual smalysis of their own, and some attention will be peid to helping students wrather and improve their own writings. Students the students was the students when the students who will obtain a student with the students who will be of secourage analysis, and related areas are encouraged to taken this course.

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

TELEVISION AND TRUTH LC 182

Richard Muller

Richard Multer

This course will deal with television news and documentary, from two different perspectives. In readings and emminer discussions will employe tenses of journelizatic responsibility, contained the policies of the content of the con

Equipment and video tape can be borround from the Library Center Equipment Office; attoined who want their own videotape can be provided to the capability of the capability of the capability of the be arranged a four-to-five-day canno or backpack trip will be achebiated early in the term to enhance the quality of an quaintanceship and to facilitate our working together through-out the term.

The class will meet twice a week for two hours each session, with other times to be arranged.

MASS MEDIA AND THE STATE LC 183-

James Miller

The history of government-media relations in western industrial nations has been, by turns, cordial and hostile. It is arguable whether the greater power has shifted from government to media, or from sadia to government, over the last two centuries the is clear that the mass media are absolutely essential. On the content of the conten

This course will explore general theories of relations between the mass modia and the state, with particular attention to the mass modia and the state, with particular attention to live the states. We will be concerned comparing idea to United States. We will be concerned in the comparing idea to United States. We will be concerned and attack-capitalist modia control with actual governmented and relationships. The play apart in legitime with the political order, while at the same time of the state of the control of the contro

or oven destruction.

Much of the course will be spont describing the workings of several important examples of government-media encounters that, in cases include relations between government information of itsers and news reporters, between presidential internation of itsers and news reporters, between presidential and the press, and between tederal regulatory authorities and the broadcast inhistry.

Students will be expected to write one paper on theories of state-media relations and to lead an oral discussion about one of the case studies of government-media interaction. Class format will be a mixture of lecture and discussion.

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

Enrollment limit: 15, by permission of the instructor after the first class meeting.

LC 189 THOUGHT AND MIND Christopher Witherspoon

In this seminar we will work on several philosophical problems connected with the nature of thinking and the nature of the mind. Questions about heliefs, concepts and the repsentations will be central; we will also placed as range of other issues in the philosophy of mind, metaphysics, and the theory of knowledge.

Our readings from classical philosophers will include Plato's Phaede and Descartes' <u>Meditations</u> and excerpts from several a others contained in Cohn, <u>Mo. Classica of Mestare Philosophy</u>. The contemporary writings we will read will include mich of Bernan's <u>Mounthy</u> Williams' "Deciding to Deliver": "Thoughtiess Brutes', Nyle's "mich of Deliver", and the Le Penseur' bother." and biggi's "Who Is it like to be a Bat!"

Perticipants' owther this seminar will include a number of short papers and sets of exercises. We will devote considerable attention to curiting philosophical essays of several different sorts. In connection with this we will use Jay Rosemberg's The Practice of Philosophy. A Randbook for Paginners and Frederick Grews' The Random House Handbook. The syllabus for the seminar will be designed to make possible purticipants' finishing by mid-December their foliation to make profit for the control of the seminary will be designed to make possible purticipants' finishing by mid-December their foliation to make possible purticipants' finishing by mid-December their foliation to make possible purticipants' finishing by mid-December their foliation to make possible purticipants of the succession of the seminary of the discussed, and participants will be successible to think up others.

The seminar will meet twice a week for 1 1/2 hours each time.

r collernt limit: 16 wir instructor permission. Preforence will be given to sto ease with no backgrown in philosophy who have now yet completed an LSC Division a same action.

COMPUTER YEATHARE 1.

Robert Hall

Is you want to appreciate what computers can and cannot do you have to experience the loys and frustrations of programming. This course uses the language MSCAL to teach problem-solving by computer. Programming problems under consideration (there will be a great many to choose from) will include tic-tac-toc, elevators, magic equizes, cryptanalysts, Morae code, payroll, calculator simulation, space war, and many, many more. Lots of fun but lots of work. No previous programming experience is required.

The course will meet twice a week for 1 1/2 hours each session. Recollment limit: 25

AMERICAN SIGN LANGUAGE AND ITS STRUCTURE LC 195

Judy Kegl

This course incorporates two subject areas: (1) a study of how one approaches surrices Sign Longuage (the language of the deaf community in the 'intred States' from a !Inquisite point of view and (2) an introductory course in American Sign Language (ASL).

In the linguistics of ASI we will examine how one would begin to write a greams of ASI. This will include certain linguis-tion will be a second of the second of the subject and object how antinones are realized, how notions this subject and object how antinones are realized, how notions this subject and object has attacked, and how grammatical processes in this language can be stated within various linguistic theories. We will discuss provious linguistic research as well as learn to analyze the language ourselves. There will be practice solving problem-ing the phonology and syntax of ASI. We will examine the lan-guage through pepers on ASI, teachobat, and videorapes of sign-ing. Deef informants will also be available.

For those who have had so previous contact with ASL or she with to study if from another perspective, an introductory correct in ASL will be provided. This course will be also complement to linguistics course. The course will be provided to the complement of the course will be also complement to the course of the course of

No previous haseledge of AST or linguistics is mecassary. The course will meet twice a mean for two hours each seasion, and materials will be provided for practice in the language lab. It will be organized by the linguistics of the provides knowledge of ASI can opt for only the linguistics of they chose to do so. However, everyons is encouraged to take the full course.

A HISTORY OF THE PRESS IN THE UNITED STATES

David Kerr and John Parmage*

In this course we will emplore the role of the United States press in communicating events, we have, and patterns of behavior to the American public. This will not be a strict "chronology" course. Rather, through topic development, we will try to schieve some synthesis between the history of the press as social institution and the social fabrity of which it is reason American history; concentrators are peritorially for this reason American history; concentrators are peritorially the role of the press in a developing America.

The rois of the press in a developing America.

We will ask whether the press has been an agent of social change or merely a recorder of change. We will see the press as a watchdog over the rich and powerful and see the day for the ask. We will ask whether the only industry singled out in the Constitution the recorder on the secondary singled out in the Constitution privilege or a license. We will work to-Amendment affrancing privilege or a license. We will work to-Amendment affraction privilege or a license will also the amendment of the impact of technological changes on the press. The relationship between the press and public opin on will also be an important consideration throughout the communications industry, that bigness, amongoly mership, and profit motives can mean better, cheaper, and burs accurate news.

Some concerns have characterized the American press since its inception. We propose to study a few of them in accordance with the Copy entertion to the course. We will crace such such that the copy entertion to the course. We will crace such such that the press freedom and the law, ethics and professional-porting, ensustionalism, the business of news, muckraking and the press, and the Presidents. We will also spend some the looking at the continuing scruggle of the alternative press movement in the United States.

These will be two reserved papers required in the course. The first will be an analytic paper studying examples of 19th control was a second such student will be expected to design and execute a research project dealing with some sepect of the history of the press. To these ends we will study the modes of inquiry available for testing the historical authorities of press reports.

The study of history is in large measure an effort to provide an understanding of contemporary problems. The need for such an understanding is the underlying reason for this course.

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

Enrollment limit: none

*John Parness is an advanced Division II student in American history and the press.

STRINGS, TREES, AND LANGUAGES LC 206

William Harsh

this is a course in beginning mathematical logic which intro-duces the atudent to the abstract algebraic character of twen-tieth century mathematics. It deals all interests of femal languages, broading extends a supersupposed in the for-mal areas of logic computer cience, cognitive psychology, and ambytic philosophy.

Context-free languages were defined at mid-century and are prob-bably the fundamental class of languages to consider when one wishes to study the syntax of natural and computer languages. First order languages were defined somewhat earlier and are the simplest class of languages with a semantics which begins to approximate that of matural languages. While neither class is adequate to the studies of the syntax or semiptics of natural or computer languages, they are of fundamental importance in the cognitive sciences.

The instructor hopes to have completed a second draft of a text in time for the course, and fragments of it will be supplemented by short and time in the fields mentioned above. The course have a supplement to the supplement to the supplement to be supplemented by the course have been expensively accessable to expensive other sections of the supplementation of supplementations of supplementations of supplementations of supplementations of supplementations of the supplementation of the supplementation

The same is not four ties, a week for one hour cach measion to do mathematic; together in that, and students are expected to think and in together outside of class about what has been dense or presented in class.

Enrollment limit: none

. Considered in a smallest v . Therefore approach

James Miller

Communication has been termed symbolic interaction, or inter-action through messages. It is a form of buman social behavior, an active, continuous, incesapable process. Colture, in rela-tion to communication, is the storthouse of meaning, the frame-work of encoded symbol systems. People necessarily engage in communication, and they do so in terms of a given culture.

Ness communication, as we know it today, is little more than 150 years ald. Suilding on and adapting earlier forms of human symbolic interaction mass communication—a social research as social institution—has transformed the cultural storehouse into a supercarket. The character of human social and citivals life

has been fundamentally changed through changes in communication and mass communication.

This course will survey a number of theoretical notions about the neture of communication, uses communication, and collute. Our special collutes have been public forms of communication. Our special culturing in the contemporary culture of every-day life. It will be our post to develop a completion of collute of every-day life. It will be our post to develop a completion of sphility shared the life deposits construct of which communication is publicly shared the life deposits on the public realized here the sample deposits on the sample construction of productions of the construction of the construction.

This is not an advanced Division II course. This course, assume previous experience is similar work. A number of disciplines will inform course readings, including suchidage, sathymoglacy, political ecommics, and athology. Classes will be a unique of lacture and dismantime. Students of the time of the reviseding important readings. Students and evally report on a major book toward the only of the term.

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

Enrollment limit: 25, by purmission of the instructor after the first class moting.

PLACET: TREDEY, RESEARCH, AND EMPCATIONAL . LC 223

Ellen County

The influence of the cognitive developmental psychology of Jean Plaget has been widely fait. Plaget's major concern has been stick the development of the minutage. In order to study this he saintysed the development understanding of vertices as pacts and property of the physical, logical, and social until. As a result that the property has profound implications not only for child development but for our understanding of education and the hearning process in the broadest sense.

There are three main goals in this course. Pirst, it will attempt to provide a comprehensive understanding of the theory was the comprehensive understanding of the theory we will examine Piaget's descriptions of the child's developing reasoning about the work descriptions of the congrative structures underly be considered. Throughout, the sesumption, and an examine the compared with those of the other major approaches to development—the cautivational and the behaviorist—although we will not study these theories themselves in detail.

not study these theories themselves in detail.

The second and closely interrelated goal of this course will involve looking at the data from which Pisget worked in order to understand how this important theory avolved. The first of this is to remove some of the cystiques of they have the property building and to help the second of the how the psychologist goss should will be the second of the property of the second of the property of the second of the second

Finally, we will consider new developments, refinements, and applications of the theory. Suphastized here will be the applications of the theory. Suphastized here will be the application theory of education. The variety of developmental education programs based on the theory will be reviewed and critically discussed and their methods and rationals analyzed in terms of their supposes theoretical superpose.

Course meetings will be devoted to loctures, discussions, and occasional workshops. Students will be strongly encouraged to complete relevant readings prior to class meetings and to contribute actively to class discussions. They are also expected to prepare a remarch paper? relevant to, some aspect of course are reasonable of the course are supported to the course

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

Enrollment limit: 16

THEORY OF LANGUAGE: LINGUISTIC AND PSYCHOLOGICAL PERSPECTIVES

Mark Feinstein, James Gee; and Neil Stillings

Mark Feinstein, James Gee; and Meil Stillings
Recent work in linguistics and psychology has led to some deep
insights into the seture of human improges. Linguistic use the
of language. A greamer is the fundemental part of a theory of
human communication, which explains how sound (the endium) is
paired with meaning (the measage). Given the onese with white,
the pairing of sound and centing must be such the same with white,
the pairing of sound and centing must be used by all of the speakety and novel yof the enessing experient on human life. We are
no more intuitively aware of them principles than we are of the
principles that underlie the digestion and suctabolism of the
variety of foods that we cat. They are one of our any biologcover them. In commerful hypotheses about these principles
that caplain much about how sounds are linguistically digested.
Three somewhat independent sets of principles have
the explain much about how sounds are linguistically digested.
Three somewhat independent sets of principles have been accommended to the supplies and the supplies and the supplies and the supplies and the supplies are also as a supplies and the supplies are also as a supplies and the supplies and the supplies are also as a supplies as a supplies and the suppli

mental especities of the human mind that make language possible. The evidence for theories of language comes from a variety of sources. Linguists have come up with powerful hypotheses by saking the deceptively simple question, how can we describe which sequences of sounds form seeminguis sentences and such accordance of the control of

The course will be largely devoted to an introduction to the theory of grammar and to the use of experimental methods in psycholinguist (e. connections with the twidy of language in children and in bed of the detailed of the detailed of the detail that not detailed on the detailed of the detail. Note of the class meetings will be the detailed of the detail. Note of the class meetings will not often the detailed of the detailed

The class will meet three times a week for 1 1/2 hours each time.

Enrollment limit: 20

WORKSHOP IN CONVERSATION ANALYSIS Janet Tallman

Our conversations are a source of much information about our tanes states of contciousness and our outer patterns of behavior. Only recently have social theer eta begun to study conversations systematically. In this course I would like to exicis several theoretical sporcedes to the study of conversations, and apply those theories to conversations we have taped of trans; theel. We will see which theories best explain the conversations we have specific to the conversations we have specific to the conversations we have specific to the conversations we have specific with the conversations we have specific to the conversations we have specific to the conversations we have specific to the conversations we have specific with the conversation to the conversation of the conversation to the conversation t

Some topics we will look at include: sex differences in speech; humor, laughter, art and play in conversation; sequencing, the child's acquisit on of the social rule of speech; stumbilings, pauses, hestations, and Fraudian slips; guestp as occialitation; expless silence as utcreasure. Some subset as consistent of the conversation of the second study of the second second

The emphasis of work will be on reading and tape analysis. In class we will stress discussion, and I will give a few lectures.

The possibility of developing a Division I examination from the course should be discussed with the instructor at the beginning of the term.

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

Enrollment limit: 20

Pive-College grades all not be given.

CHILD LANGUAGE DEVELOPMENT

"May the big bad wolf can't blow the house down?"

Benjamin, age 3

No one tauches little children the rules of grammer, and yet somehow they learn to talk. And to talk they must master an interedibly complex system for putting words together to convey meaning. From the time children say their first words at about a year of age, their languages is more just a hodgepodge or a random assortment of solute phrases. Look at children of or all and you till find that they have their different center of the analysis of the control of the con

In this course we will read the research literature on language acquisition. On the one hand we will see how researchers have described significant children known at different ages about syntex and sementice, and what order they learn it in. On the other we will investigate the psychological groceing by which children learn and change. We will draw on psychology, limputed the holizon, and enthropology, abong other topics we will cover

<u>Rativ concepts</u>. Why do children start talking about "mame" and "degaigs," but not "tree" or "refrigerator"? How.do children form that: First concepts? How do concepts themselves differ from symbols, like words or images? Why might children call all am "daddy".

Committion and language. When do children first start to com-municate nonverbally? How do their interactions with the world and with people help them learn to speak? Are there structures of thought which are common to nonverbal thinking and to the rules of language?

Order of acquisition. Are there certain types of rules which tend to be learned before other types? Now is the order of learning rules affected by the complexity of fine Tules affected proposed How by the sensing that the Tules crypts and de-cities are to "one" or many changes and which different?

Theories of Impuses acquisition. What role does instation pluy in language tearning. What shout "reinforcement", Are some languages easiers, it is the structure of "motheress" and state of the structure of "motheress" and state of the structure of the structure

Class meetings will be devoted to lectures and to discussion of readings. Several short papers will be required, in addition to a mail research project which will involve recording the speech of at least one child, Somma exquatance with countrie development and/or linguistics would be helpful, but it is not necessary.

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

Enrollment limit: 20, to be determined by lottery at the first class.

LC 241 (N6 274) Robert Tinker

7) a will be a technical course which will enable beginning whents to design and build small computer systems. Students, working in small groups, will actually build functioning micro-computers and program appropriate software.

The course will consist of twelve twe-bour lectures, four laboratory design projects involving microcomputers, and weekly, written design problems. Evaluation will be based on the problems and the four projects. The twelve lectures are described

- Overview: Micro versus mini/smell computer capabilities/the technology/architectural elements/bus structure/instruction
- Humber systems and logic: Binary, octal and hexadecimal arithmetic/slements of logic/gates, flip-flops, monostables and buffers/applications.
- TTL design: TTL conventions/survey of available chips/appli-cations to typical computer problems.
- Small computer structure: LSI families/CPU structure/timing considerations/bootstrapping/interrupts/svailable hardware.
- Software besics: CFU functions/besic instruction sets/tim-ing and polling algorithms.
- <u>More software</u>: Addressing modés/interrupts/the stack/relocation/sample programs.
- Software support: Monitors/operating systems/assemblers/editors/debuggers/linking loader/ROM burning.
- 8. Interfaces: Ports and latches/addressing/A-D conversion/interrupts/applications.
- <u>Peripherals</u>: Bus standards/serisl/USART's/DMA/priority a bitration/disk controller/TV graphics controller.
- 10. Hemory: Addressing/organization/dynamic refreshing/design examples.
- Time sharing: The need for relocation/segmentation hard-unte/operating modes/the operating system.
- System examples: A minimal system/s computer for education/ o time-shared minicomuter.

Students will learn the internal structure of five machines which will be awailable in the laboratory: 6080, Z-80, 6502 P-8, and the LSI-11, Four lab projects will be an interpal part of the course: SSI design problems, interfacing problem software problem (individual projects): microcomputer design (groups of up to four students).

The course will meet once a week for two hours.

Enrollment limit: 12

THEORY OF KNOWLEDGE: CLASSICAL WRITINGS LC 242

Christopher Wicherspoon

Our primary philosophical concerns in this course will have to do with human knowledge: its possibility, its nature, its waristies, its sources, its limits. We will also consider some issues in metaphysics traditionally closely linked with episcemological considerations (e.g. the problem of universals, the nature of the mental) and will give some attention to how philosophers have thought of epistemology itself and to what their accounts of knowledge have attempted to explain and illuminate.

occounts of knowledge have attempted to explain and illuminate.

We will proceed, after a few introductory sessions, by reading and discussing in chromological order several classics of Western philosophy. Hose of the books will be noted in the contract of the property passages in which can be contracted and position are set out and decades and types of argument will be addressed as they arise to connection with our readings. The lectures will also primarily at providing critical expositions of the positions and arguments presented in the readings. They will also be intended to provide useful background information about the philosophers and works being studied; some initial equation are with the positions of philosophers not being read, e.g. Locke and Aristotle; and an introduction to some of the issues and methods of contemporary spistemology.

This is intended as a first course in epistemology. It will involve very substantial commitments of time for reading and study. It is meant to provide people who are considering soing further a solid foundation for later studies in a variety of scean; the philosophy of science, the history of modern and recent philosophy, philosophical psychology. It is also meant to give students ont planning on more advanced work s melf-contained survey of the thought of some of the most important Western philosophers.

Rendings: Bertrand Russell, The Problems of Philosophy
Plato, Meno, Republic, Thesacetis
Decarres, Bules, Discourie, Meditations
Nurse, Enquiry Concerning the Minau Understanding
Kant, Prolegoment to Ady Future Netsphysics
Hegel, Essential Mettings (Weise, ed.)
Peirce, "The Fixation of Belief, "Some Consequences
of Four Incapacities," "Questions concerning Certain Faculties Claimed for Nam"
Noore, "Defense of Compon Sense," "Proof of an External World"

tures
Adam Morton, A Guide through the Theory of Knowledge

Required for evaluation: midterm take-home examination, final paper, final examination.

Interested students should notify instructor by mid-July so . that a sufficient number of books can be ordered.

The class will meet twice a week for two hours each session. Enrollment limit: none

THE NATURE OF HISTORICAL KNOWLEDGE LC 245 (HA 244)

The American historian Henry Adams once remarked that it would be an advantage to historians if they knew what they were doing. Hany philosophers and historians may be asking questions about of history a some conscious reasts by asking questions about the presuppositions of about their special properties of a bout their use of vords. In this course and bugget the foundations of our knowledge of history-we harticular the place of fact, law, and values in written accounts of the past. We will examine the language of historical nativatives and the nature of historical explanation, despited the place of the second of the past was the second on the course of the past. We will examine the language of historical nativatives and the nature of historical explanation, described by the course of the past was the past of the past was the past of the past of the past was the past of the past of

Readings will be in Hans Meyerhoff's The Philosophy of History in Our Time, Morton White's Foundations of Mistorical Knowledge, and Isaish Berlin's <u>Historical Inevitability</u>, smong other texts. Writing assignments will be made, calling for application of theoretical questions to particular historical narratives.

The class will meet three times a week for one hour.

Enrollment limit: none

FORMAL MODELS OF LEARNING AND INDUCTIVE INFERENCE

Robert Moll

Learning is a central problem in psychology; methods of inductive inference are of interest to philosophers of science. This course vill look at a variety of formal models for learning and inductive inference that have been proposed by mathematicians, computer scientiste, and linguists.

Researchers in the artificial intelligence community model the inference process by writing progress which infer general rules from specific examples. For example, a system developed several years ago infers a LISP progress on the basis of a single example of the program's input-output behavior.

Mathematicians have also proposed theories of inference. One of these codels characterizes so-called "IQ-test" infereble se-quences: that is, the theory explains why sequences like

2 4 8 16 32

are instances of (mechanically) obvious rules, while sequences like

84 9 2471 21 197368

Perhaps the central question of contemporary linguistics is ex-plaining how children learn their native language, and linguists have proposed formal models of learning in the context of natu-ral language inquisition.

Students should have some background in at least one of mathe-matics, computer actionce, linguistics, or philosophy, since after the class has seen examples of the models mentioned above, each student with be expected to do a substantial project.

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

Enrollment limit: 20

PHILOSOPHY OF LANGUAGE: REFERENCE, MEANING, AND TRUTH

David Israel

David travel

People, and caybe other creatures, make maines and marks on paper, some of which are-of all hings-row (and sece. Also, and the paper). Some of which are-of all hings-row (and sece. Also, are the paper). The paper of paper of the paper of a sentence of the paper of the paper of a sentence of the paper of the paper of a sentence of the paper of the paper

In this course we shall examine some of these issues, and somethers as well. We shall focus in on both the views of the founding fathers of modern philosophy of language: Free, Russell, and Wittgenstein, and those of leading contemporary theorists: Office, Domellan, Kriphe, Davidson.

Two papers, each about 10 pages, will'be required.

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

Enrollment limit: 12

FOREIGN LANGUAGES

INTENSIVE ELEMENTARY SPANISH

Angel Nieto

This course is intended as a two-term sequence in the funda-mentals of spoken and written Spanish. Listening and speaking will be treased, especially in the first term. The text will be <u>Communication in Spanish</u>, a linguistically based approach to language learning. It provides a book with performance objec-tive-type assignments to be done outside of class and a workhook for practice on greatmans. Recorded tappes which accompany the cert will also be available for use of your own.

Class will be used primarily to develop comprehension of the spoken language, pronunciation and oral skills through exer-cises not given in the text. Therefore, although required preparation time outside of class is not great, class atten-dance is important.

Meeting times: TBA

INTENSIVE ELEMENTARY FRENCH

Raymond Pelletier

This course is designed for those students with little or no previous training and/or experience in Franch who want to develop basic language skills. Practice of nthe four skylls of language learning (speaking, understanding, reading, and writing) will be equally emphasized in class presentations, which will last approximately one hard. The last allow the student could be a superficient with the same and the students of four one particular skill. Your overclase and writing to desire the same active the student within the same and the same active the sa

Classes will meet one-and-one-half hours three times per week, and will be organized around written and oral (French language tapes) assignments.

SCHOOL OF NATURAL SCIENCE CURRICULUM STATEMENT

Below is a list of diverse lecture series, field and laboratory projects, and seminars, all loosely known as Natural Science courses. These courses come in a wide variety of forms-free large-lectures taught by several faculty giving an exposure to faculty with several styles and disciplines, or small seminars intensely exploring a specific problem. There are courses for students excited by exclence and reddy to plunge into their subject, as well as courses for students ending to be parsunded that science has anything to offer them.

be permunded that science has anything to offer them.

Studence signing up for Neturel Science courses should be especially clear about the 'distinction between Division 1 and Division 1 courses. Division 1 courses are intended to the course of the course are gared to questioning and entry of the course of th

on a Division I Natural Science course.

Division I Lourses tend to be more treditional in nature. They are designed for concentrators or, in the old sense, majors. Since disciplines neither do the courses for the concentration of the concentration of the control of the course of t

scmeeter.

Students who artive at Hampshire with a strong science background and comprchension are strongly encouraged to begin their
ground and comprchension are strongly encouraged
to stake one or more Natural science courses to develop an examthis being the most efficient way-for both faculty and sudent-to ensure that the student has the skills necession
as successful Division 1 exam. It is our experience of a successful Division 1 exam. It is our experience of a energing students do not have the ancestary writing and scientific skills which Division 1 courser clustent and any develop. For this reason must faculty seen eluctant and any even refuse to undertake a Division your mon with a student who has done no Matural Science course work or otherwise demon-strated the kind of scientific maturity necessary.

The School of Natural Science tries to gear its courses toward the needs and interests of the students, particularly at the Division II have: If you do not find a course you are interested states, or feel that we have overlooked some-thing, present the your diese to the School's Curriculum Com-mittees, (Baymond Coppinger, Chair).

Five Collage students are velcome in our courses. We would like to encourage those Five Collage students who have trouble with science or have mental bloods against science to give a first on 1 course e try. We will try to help Five Collage students adapt our, system to their Individual Institutional

SCHOOL OF NATURAL SCIENCE

DIVISION I:

SPACE SCIENCE: TOPICS OF CURRENT ASTRO-MUNICAL RESEARCH

BLACK HOLES AND THE UNIVERSE NS 103

THE PHOTOGRAPHIC PROCESS NS 111

ASTRONOMICAL OBSTRVING/VISUAL AND PHOTOGRAPHIC PHOTOGRAPHIC NS 165 (mini) Staff

PHYSICS AT HAMPSHIRE (general description)

UNDERSTANDING RELATIVITY NS 173

DO WE HAVE TO DIE?...MOLECULAR BIOLOGY OF DEATH AND DYING NS 102 (mint) J. Foster, M. Bruno, N. Goddard, M. Gross, S. Oyewole, Ann Woodhull

TOPICS IN HUMAN BIOLOGY, PHYSIOLOGY, AND HEDICINE NS 121 MICROBIOLOGY NS 124

BEANBAG GENETICS NS 126 TOPICS IN CANCER RESEARCH NS 175

BIOLOGY AND SEXUAL IDENTITY NS 178 (mini)

"I FEEL BUT WHERE AM 'I'?"...SCIENCE AND THE EMOTIONS NS 179

PAT, DIET AND WEIGHT LOSS NS 196

R. Coppinger, P. Slater, J. Torrey, C. Van Raulte GRASS, SHEEP AND DOGS NS 129

S. Oyewole M. Gross

P. Slater

L. William

L. Miller

R. Coppinger, P. Slater, ' J. Torrey, C. Van Raalte

T. Danforth, D. Drorb. S. Galmis, M. Rothman

R. Tinker

NATURAL HISTORY OF THE CONNECTICUT RIVER VALLEY \ NS 140

TOPICS IN ACRICULTURE NS 149 ALTERNATIVE ENERGY PUTURES FOR WESTERN MASSACHUSETTS NS 167

ENERGY AND THE ENVIRONMENT NS 171

ELEMENTARY SCHOOL SCIENCE WORKSHOP NS: 192

DIVISION II:

G. Greenstein*, T. Dennis* STARS ASTYC 21 ASTRONOMICAL OBSERVATION ASTRE 37 W. Seitter*, R. White* E. Harrison

ASTROPHYSICS 1: STELLAR STRUCTURE ASTRC 43 QUANTUM MECHANICS MS 283

CEMERAL CHEMISTRY MS 201 ORGANIC CHEMISTRY MS 212

GRASS, SHEEP AND DOGS MS 229

"ECO-FEMINISH": AN ETHICS OF ECOLOGY AND FEMINISM HS 226 FACTORY IN THE MS 239 (85 243)

D. Kelly

MATE FOR SCIENTISTS AND SOCIAL SCIENTISTS D. Kelly 85 261 (SS 261) MODERN ALGEBRA: PURE AND APPLIED RS 269

SMALL COMPUTER DESIGN NS 274 (LC 241)

+5-College Astronomy Department Faculty

DIVISION I:

SPACE SCIENCE: TOPICS OF CURRENT ASTRONOMICAL RESEARCH

William Irvine (at Smith)

Whilse ITVIDE (AT DEATH)

We are living in an era unique in human history. The entire solar system is experiencing the furst direct exploration by unkinds. Each of the function of the function of the planets' months, and and also variely different from the earth. The course will describe our current knowledge of the planets and satellites, focusing on such questions as conditioned the action of the satellites, focusing on such questions as conditioned the autface of Venus, the nature of the planet of system of the planet of the pl

Class will meet Tuesday and Thursday, time to be annot

Kurtiss and Courtney Gordon

Questions of the origin and structure of the universe have puriled huganity for ages. Within the universe, nature performs experiments under transconditions which we can never hope to duplicate the conflict of the conflict

Expected student input: short paper during first 6 w major paper or other project during second half of te port to class on the project during 'i.mal two weeks. H. I. Shipman, Black Holes, Quasars, and the Universe.

Class meetings: 2 1h hour meetings, per week for first 6 and last 2 weeks of the term, with intervening time to be spent on projects.

THE PHOTOGRAPHIC PROCESS * NS 111

Stanley Goldberg

This year The Photographic Process is composed of totally separate, independent modules, which will be offered sequen-tially. Students may take them in any combination they de-sire. There are no prerequisites to any of them. Each mod-is limited to ten students.

Principles of Optics: Lens and Camera (5 sessions).

so of reflection and refrection will be applied to under
anding the nature of lens. The basic parameters of the
as and shutter system will be examined and we will make
note of such mysteries as f/ stop, shutter time and expor-

B. Photographic Emulsions (7 sessions). The chesical nature of photographic emulsions will be examined, be will then explore the chemistry of black and white development and use the exploration to classify the characteristics of various types of black and white file, to highlight the properties of a well exposed, well developed image and fo discuss the various chemical tricks of the darkroom to enhance the defective image.

C. Sensitometry (6 sessions). We will evanine the relation-ship between exposure, development and the density of the image. In doing mo, we wished the terms with the character-istic curve, and the control of the curve can indicate how en technical understanding of the curve can aid in assibitic expression, as in the Zone System.

D. Color Files and Fapers (6 sessions). We will survey the technical requirements for making color films in terms of additive and subtractive color making ucles. We will then explore the chemistry of color emilsions and development or a number of naterials including color real, and interesting the color of the color

The classes will meet twice a week for 15 hours. Nethod of enrollment will be by instructor permission. If needs be, a lottery will be used.

ASTRONOMICAL OBSERVING/VISUAL AND PHOTOGRAPHIC NS 165 Mini

Kurtiss Gordon

This course is intended as a basic introduction to the sky and its contents—the constellations, the sun, moon, and planets. What can we see with the unsided systems or with a small releasops! What do we will not be supported to the photographic made when its description of the photographic process in more depth are stringing of to take one or more of the photography modules in addition to this course.)

Expected student input: an observational project.

Heetings: one 3-hour discussion and/or observing session per week. This is a minicourse and will run the first 4 weeks of the term.

PHYSICS AT HAMPSHIRE

The study of "real physics" at Rempshire will be attractured around an introductory two-trm sequence, Basic Physics (with its attractured real sequence, Basic Physics (with its attraction is aboratory performance) and dewranced follower courses. Basic Physics physics. The sequence will require who have an account to the tent taught by all the facility who have an account of the sequence will require an extension of the sequence will require the sequence will require the facility. Set it begins in the Springs term, not that will be device attached interested in physics to table Calculus (MS 260) during the Fall as an excellent proposition.

Anyons interested in physics will be welcome to participate in the tri-weekly discussions which will help sat objective and organize our programs to meet the full range of Rampshix curricular needs for Physics, "the science of everything."

Janet Van Blerkom

Jamet Wan blerkom

The light we see, the sound we hear, the activity in our brates and the treepre of the aarth itself all have a common feature; they are examples of were matchable one to comprehend an enoran former of the seem of th

Class will meet twice a week for 1% hours.

RS 179

Stanley Goldberg, Kurtiss Gordon

In this course we will ememine the sources of the basic element of the special theory of relativity first from an historical point of view and in a sore abstract and analytical concession of the special point of view and count of the special played in suggestion and verifying the theory and is doing so to attempt special points of the special points

There are no prerequisites for the course. It will be useful to have a working knowledge of very basic sigebra and trigo-nowledge of the course of the course to be a consisted, however, to helping those who feel deficient in these skills to use the course to gain greater proficiency.

Class will meet twice a week for 15 be

DO WE HAVE TO DIE?... MOLECULAR BIOLOGY OF DEATH AND DYING

Michael Gross

Scientists have been trying to explain, on a molecular level, such findings as the islure of any human cell line so far studied to divide to produce more than fifty generations of daughter cells; the rigidification of collagen (process) molecules to produce, for example, the wrinkles of old age. The purpose of this course is to introduce you to the scientific literature in such areas, so you can analyze these explanatory models for yourself. Group or individual projects will culminate with a research paper.

Class will meet twice a week for 14 hours. This 6 week course will start the week of October 30, with a January

TOPICS IN HUMAN BIOLOGY, PHYSIOLOGY AND MEDICINE

J. Poster, M. Bruno, N. Goddard, M. Gross, S. Oyecole, and A. Woodbull

Operois, and A. Modomusi
The human body--its structure, functions, behavior and diseases--provides a rich source of troites for students to explore. Our size phove source of troites for students to explore. Our size phove an opportunity 1) to got to know the faculty and what they are interested in, 2) to choose from a vide range of possible topics which can be explored in a small group under the guidance of one of those faculties to learn laboratory skills and pursue small related to the control of the students of desired, 4) to hear proless the fields of medicine and public to hear proless the application of basic physical and blockesical principles to problems in contemporary sections and, 5) to share what the equient has been studying with others in the program.

The program will offer the following:

Small discussion groups
lat 6 weeks--discussion lad by faculty on topics chosen
by them,
2nd 6 weeks--topics chosen by students taking the course,
Div. 11/11 NS students or faculty.

*Reckly lacture series--Contemporary Nedical Problems given
by faculty and invited speakers. (Onc. or laboratory--for students
oracory continuous and contemporary taking to personal
record of the series of the s

Faculty and interest areas

John Foster, plottemist, plintes, laboratory problems.

Merle Bruno, neurobiologist; obesity, coler vision, elemetary science education.

Nancy Goddard, parasitologist; epidemiology, parasitology, human reproductive physiology,

Michael Gross, historian of biology,

Saundra Oyewole, microbiologist; public health, cancer.

Ann Moodhull, biophysicist; neurobiology, physiology of human movement, poisons.

The courses below are directly related to TOPICS IN HUMAN BIOLOGY, PHYSIOLOGY AND MEDICINE, and students may wish to participate in both.

NS 196 FAT, DIET AND WEIGHT LOSS, H. Bruno NS 102 DO WE HAVE TO DIET HOLECULAR SIGLOT OF DEATH AND AGING/Last six weeks, H. Cross NS 175 TOPICS IN CARCER RESEARCH, S. Oysworle Other courses and minicourses will be associated later.

MICROBIOLOGY

Saundra Oyewole, Lynn Hiller

The lecture-discussion fromat of this course will be designed to introduce students to basic principles of microbiology as well as current topics of seserch: Business will be on bacteria, bacterial vinues, and yeest. Microorganisms will be discussed both as agents of disease and as benefactors of humans. The laboratory skills learned in the initial sessions will later be applied to dispense and projects. Hopefully students will leave the course with an appreciation of the students will leave the course with an appreciation of the ubiquity and variety of microbial life and with the ability to use some of the research tools of the microbiologist.

Class will meet twice a week for 14 hours plus

BEAMBAG GENETICS: THE EVOLUTION OF GENETICS

Lynn Miller and Kenmeth Hoff

This course is intended to be an introduction to the histor and the concepts of genetics. We will spend the first four weeks of the class time reading and discussing some of the original research papers from the sarly days of modern genetics. We will try to do four things in this period:

- (1) learn to analyze genetic research papers;
- (2) learn to think mathematically about genetics;
- learn to think about the historical and social context of modern genetics;

(4) start to work on individual or group projects in areas of genetics of interest to the students in the class. During this period the students will be asked to write brief essays and work on improving their mathematical skills.

In the second four weeks each student, working individually or in groups with one of the instructors, will read original research papers and begin to develop topics to share with others in the class.

The class will not meet as a group in the last four weeks which will be free for those who wish to complete Division I Natural Science exams with the instructors.

Class will meet three times a week for two hours each.

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NS 175

TOPICS IN CANCER RESEARCH

Saundra Oyewole and Debra Bessen

Volumes of publications on cancer related research give us an opportunity to examine the approaches that are being used to provide the proposal of the provide the problem of cancer, the number too killer in the United Statos. We will consider chemical agents which have been labeled carcinogenic, particularly studies which the otheir identification as such. Some caphasis will be placed on viral agents which have been implicated in cancer. We will also discuss the epidemiology of concer do carcinogenic, as continuous of carcinogenic, as continuous of carcinogenic, as continuous of stimulificarticles.

The first 4-6 weeks will be devoted to reading papers dealing primarily with basic physiology. This part of the course therefore forms one of the discussion groups the selection of the discussion groups when slology program (NS 121) and is open course students in the program. These students wished to the course program. These students wished the class. Those wishing to go on to other topics may do so by transferring to another group.

Class will meet twice a week for 14 hour each.

*Debra Beasch is a Division III Hampshire College student.

NS 178 Mini

BIOLOGY AND SEXUAL IDENTITY

Michael Cross

Michael Gross

Sexual identity may have some roots in the biological fact of being male or female, or then again maybe it doesn't. For instance, sen's breins differ from women's in neural congunization, don't they? Or do they loud on the sent of the sent of the sent of the sent tisses study section, on't cheep? Or do they loud on the sent tisses study section, for instance, at the psyches and behavior of intersecution, for instance, at the psyches and behavior by way of chromosomal differences or horsenal imbalances; or they study psychological and psychological differences in patterns of sexual response or responstveness. We will road examples of such proposed to the section of the sexual behavior and gender identity. A lesson—to say the least—in cals rationality and objectivity, and an exercise in writing a meaningful research paper or essay.

Class will meet twice a week for ly hours. This minicourse will run for the first six weeks of the semester.

"I FEEL ... BUT WHERE AM 'I'?".... SCIENCE AND THE EMOTIONS

Michael Gross

Essentially this is a course about how scientists have approached the relationship of mind and body. Since emotions have most often been seen as the link between these realms, our arrategy will be: first, to look at the relationship, in the theories we study, between emotion mind and ideas; and, accord, to eyr course of the processing of the body theories have associated with the emotions.

The first part of the course will survey six topics, through lectures and discussions. The second part-during lamuary term-will be a research seminar in which members delive more deeply into questions reised during the Fall semester.

deeply into questions reised during the Fall accessor. The course will begin with Julian Jaynes' model (in The origins of consciousness in the breakdown of the bicameral mind) of how contions become identified with self ("me") and thought of sephenomeno occurring inside, the body, with Jaynes' ideas as a methodological fremework for sensitiviting Tayling rehorders as antihodological fremework for sensitiviting Tayling rehorders as antihodological fremework for sensitiviting Tayling rehorders as a methodological fremework for sensitiviting the particular of the sensitivities and body dualism: the integration of faind and body in side little entering work of the sensitivities and feeling in the 19th century development of experimental approaches to the nervous system; the contrast between Freudian and Reichlan interpretations of motions; and the implications of behaviorism and psychosurgery in modern scientific considerations of the problem of emotions.

During the January term tesearch seminar, we will emplore more deeply one of these general areas, by analyzing the sources in the scientific literature. That will involve library leguerk; bibliographic skills; and the development of analytical skills and are ability to draw and substantiate conclusions about the ar. wptions which underlies scientific investigations.

PAT. DIET AND WEIGHT LOSS

Merle Bruno

This study group on the physiology will evaluate some of the research being done on the physiology of FAT: what is FAT, where is it, how did it get there, how does it leave. The while group will work together on one topic and each student will also be expected to work on individual or group project and present the results of their findings to this expected to their findings to this expected to the group. Some possibilities one of the group. Some possibilities one of the citing the group of the group is composited to the group. Some possibilities one of the citing the carbohydrate diets, fasting, hungar theories, fad diets, and diet drugs.

Two 2-hour meetings per week.

Raymond Coppinger, Paul Slater, John Torrey*, Charlene Van Raalte

One of the greatest green revolutions of all times took place here in New England. For economic and social reasons agri-culture west into a decline in the 19th century and much of the farm lend reverted to forest. However many people are now looking for an agricultural revival in this area as framers see new economic coppertunities and young people search for alternative life styles.

Note correct vill focus on one potential crop: sheep. The problems with sheep in New England are that we no longer have the grasslands to support numbers of them, we don't have a breed which is adapted to this area, and sheep in New England are particularly vulnerable to attack from the large domestic dog population. Therefore we will study the basic biological aspects of sheep farming including the pastic biological aspects of sheep farming including the pastic biological respectation. The problem of forege crops, the nutrities of the problem of the proof that is not problem.

The course will be taught by a plant physiologist, an acolo-mist, an agriculturiat, and an animal behaviorist. These teachers are currently active in research in these areas Although there will be lectures, laboratoris, field trips, and guest apeakers, the usin action will be student projects.

man guest openers, and waste transported with the faculty's research goals. Carrently there are several Division III students who have project that have several faces which could be pureased by its fact and it students. Division I could be provided by its fam I and II students. Division I students therefore, and participate in a project directed by field trips, and participate in a project directed by an upper level student. Evaluation (or five-college grades) will only be given when a written project report is received.

Although the course meets for two four hour sessions each week a student must expect to spend considerable time carrying out projects. Amny of these projects involve experiments with animals or ecological measurements that will_require precise achieved ling.

The course will meet twice a week for four hours each.

*John Torrey is Professor of Biology at Harvard.

NATURAL HISTORY OF THE CONNECTICUT RIVER VALLEY NS 140

J. Foster, K. Hoffman, R. Lutts, C. Van Raalte

In this course we will easy hore the bestic principles of ecology, bottomy, and goology using the local area as a source of north and goology using the local area as a source of north and the second second

cer can entitle two week period.

Ken Hoffman: I plan to go our on a field trip each week
throughout the term, rein, many or whine to explore a wide
the control of the control of the control of the control
there will be a weekly lecture and discussion session. I am
particularly interested in getting students to see the parterms and interrelationships in nature, and this will provide
the principal focus to this group. I we will look at many different areas and will learn how to "see" little trip, weekly
refer provided to the control of the control of the control
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Description of the companies of the comp

Limit: 30 students (15/group, first come first serve basis)

Raiph Lutts: We will study swamps, marshes and bogs. We will survey the different kinds of wetlands in our area, select one for our study, and design a number of small projects on the natural history and ecology of our site.

Here is a chance to do an exam that actually is a quagmire!

Limit: 15 students (first come first served).

TOPICS IN AGRICULTURE

Paul Slater

This course will deal with selected topics relating to agri-culture as presently practiced in the United States. We will concern ourselves with evaluating current practices in light of coorging concern for environmental quality, energy conser-vation, current employment opportunities in agriculture, etc.

Class will meet twice a week for 14 hours. Films and field tries are planned.

ALTERNATIVE ENERGY FUTURES FOR WESTERN HASSACHUSETTS NS 167

Allen Krass

This is a series of lectures by Hampshire College faculty and visiting coperts on the general problem of whether in orea such as Mercorn Hamsachusetts the series of the control of the series of the

The purpose of this lecture series is to generate interest in and provide some background for a major research project which is to begin in the spring semester.

The purpose of this project will be to examine the future energy options available to this area and to assess that political, social, cultural and examine state that political, social, cultural and examine and the political social, cultural and examine and the program which here the property of the pr

The lecture series can be taken either on its own of as part of the course Understandings of Nature (NS 179) taught by Ralph Lutts. Students who wish to be evaluated should register for that course. Students who attend only the lecture series will just be asked to submit any work for evaluation and will not be evaluated.

Class will meet once a week for 14 hours.

ENERGY AND THE ENVIRONMENT

Allan Krass

This course is designed to provide an introduction to thinking about energy and pollution questions in an analytical and quantitative usy. We will read a pushed of research and policy papers in those fields and expensive the skills needed to understand and criticist feels. To do this one must learn how to do found in the control of application, and the skills needed to understand the skills and to the skills needed to understand the skills and to do to the skills and to the skills and how to reason logically from London the skills and at the same time introduce students to the basic concepts which underlie samy of the currently fashionable topics in energy and environmental policy such as solar energy, radioactive politicion, nuclear reactor safety, destruction of the orone layer, etc.

Nearly student will be expected to develop a project of his or her own (small group projects are also encouraged). The course will note regularly for five weeks and then take four weeks off, during which time students can work on their projects and consult with the instructor. Then the class will reconvene for the balance of the semaster and discuss the student projects.

Class will meet twice a weak for I hour each.

ELEMENTARY SCHOOL SCIENCE WORKSHOP

Merle Bruno

Despite rumors to the contrary, most elementary schools in the United States don't teach science in any form. Of the few that do, most use exchools that take the readers' digest approach to explaining what the well-rounded li year old ought to know so that a modern science program effect that students are expected to memorize the current "facts" about DNA, ecology, and energy instead of learning the of "facts" about iron smalting, tree identification, and frog innards. How we really progressed?

inneres. Have we rearry progressor:

In this workshop you will use materials that have been designed to stimulate children to ask questions about the natural world and to find ways of resolving to the five questions. For the first few worlds, you can question and will work with these materials your own questions and design and ter pollutary part of the sensetor, you will be question and will introduce these same materials to children to observe their questions and responses and to guide and be guided by their solutions and their problems.

Bach student will be expected to do an independent project, ander a presentation to the class, and work in an assigned elementary school classroom. No science background is required. Sudents who have had no experience in science and who would like to work on a Division I exam should speak with the instructor sarly in the fall. Since we don't focus exclusively on science, many students have found it best to begin to develop an exam problem in the fall, and finish in it in the spring as an Independent Study Project. If enough people want to do this, we can organize an exam study group for the spring.

Division II students who wish to enroll will not teach in the elementary schools but will be expected to assist the instructor by observing other students teach and giving them regular and detailed feedback. If you wish to do this, speak to the instructor.

Class will meat twice a week for two hours each plus time in schools which will be arranged individually.

DIVISION II:

ASTFC 21 STARS

George Greenstein (lectures), Tom Dennis (labs), at Amherst College

Stars and scellar evolution for students interested in a question that the star star interested in a question that the star interest and the star interest and the star interest, redit, and the Herppung-Russell diagram at basic equations of scellar structure. Nuclear energy sent ton in stars and the origin of the cleensts. Ine throughout vays a star can die: white dwarfs, pulsars, and black holes.

Prerequisites: One semester of calculus and one semester of some physical science. This is a Division II course. Office hours are at 314 Merrill, Amherst College, by appointment.

This course will meet Mondays and Wednesdays 1:25 to 3:20 PM.

Labs will be Thursdays 2 to 4 PM and 7:30 to 9:30 PM.

ASTEC 37 ASTRONOMICAL OBSERVATION

Waltraut Scitter and Richard White (at Smith College)

Befic extronomical techniques (photographic photometry, photoolectric photometry, spontral clearification and radial-violectry determinated photometry, spontral clearification and radial-violectry determinated photographic spontral physical and dynamical properties of stars, spectroscopic binates, star clusters, Readings will include solocted journal articles. Requisitions | spontral properties of stars, spectroscopic binates, star clusters, Readings will include solocted journal articles. Requisition | sometime and spectroscopic binates, star lists of bittelen il course.

Class will meet Mondays and Wednesdays 2:30 - 3:45 PM and evening labs, time to be announced.

ASTROPHYSICS 1: STELLAR STRUCTURE ASTEC 43

F. R. Harrison (at U. Mass, CRC 534) The basic equations of stellar structure and their solution; polytropes; the virtal theorem; energy transport in stars by resistant, conduction, and convection; atomic processes leading to stellar opacity; nuclear energy generation in stars; stellar evolution, generation for stars; are lar evolution, generation for the production of the structure. This is a Division II course.

Class will meet Mondays and Fridays 1:25 - 3:20 PM.

QUANTUM MECHANICS NS 283

Herbert Bernstein and Allan Krass

pareer: Bernetelliano Alian Krass

Quantum Hechanica originally supplied an understanding of atomic phenome and later became the fundamental theoretical supplied and the property of the prop

The course is open to all students with background in basic physics and calculus, such as provided by Nampshiro's introductory sequence or the equivalent. Class sacets twice a week, ly hours each time.

GENERAL CHEMISTRY

Lloyd Williams

Our goals in this course will be to learn the basic immguage of chemistry and to develop the ability to think about chemical phenomena on nolecular level. In the fall term we will concentrate on quantitative descriptions of chemical and physical necesses and discussion of the atomic and molecular models used to explain these phenomena. Topics will include: stoi-chometry (mass relationships); thermochemistry; atomic attructure and chemical bonding; properties of gases, liquide, and solids; solutions; and chemical equalibrium. Practical examples of general interest will be included wherever possible.

Name or general interest will be included wherever possible.
Students will be expected to develop skill in solving a variety
of problems and a working knowledge of elementary algebra is
essential. In the laboratory we will concentrate on developing
sate skills and learning techniques of quantitative analysis.
Students should expect to spend cight or more hours per week
on readings, susgested problems, and preparation for laboratory.
Summary problem sets will be assigned for each part of the
course and are required for evaluation. Written laboratory
reports will also be required.

Class will meet three mornings a week. Two hours of laboratory are scheduled each week. Enrollment is limited to 25 students, first come--first served.

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ORGANIC CHEMISTRY (FALL)

Nancy Lovry

The first acceptor of organic chemistry focuses on the struc-ture of molecules and how the structure influences reaction pathways. Reference is ande often to bloogical implications. Several problem sets are assigned and collected. Two hours a week of laboratory are scheduled but more time is needed to complete the experiments.

Text: Morrison and Boyd, "Organic Chemistry," Third Edition.
A high school introduction to chemistry is essential; Division
I students may take the course if they check with the in-

Class will meet three mornings a week for 14 hours, plus two 2 hour labs per week.

m 228 Mini

THE GENETICS OF EVOLUTION

Kenneth Hoffman and Lyun Hiller

This course is designed for students interested in current ideas of the sechenism of evolution. We will read and discuss Dobyhansky's Quarties of the Polutionary Process and Lewontin's The Genetic House the Polutionary Process and Lewontin's be used to the second of two Lutionary Change. But ho dur time will be used featiled with some of the mathematical concepts to have been used to describe evolutionary processes. Swill discuss also theories other than the presently accepted her barvinian concepts or evolution. Students will be expected to lead individual sessions and to produce substantive written or other analytical work.

Class will meet chrice a week for 1 1/2 hours. This minicourse will meet for six weeks beginning the week of October 30.

GRASS, SHEEP AND DOGS

Reymond Coppinger, Paul Slater John Torrey, and Charlene Van Realte

During the second half of the course a time will be set aside for a Division II seminar in which atudents will be expected to report on their group's research efforts.

"ECO-FEMINISM:" AN ETHICS OF ECOLOGY AND FEMINISM

Janice Raymond

The course will bring ecological issues and feminist philosomely cogether. More specifically, it will focus on philosomely cogether. More specifically, it will focus on the course of problems population planning and control; are supported by the course will rectude the course will increasing incidence of issues (sector-induced disease). The course will focus on learning the course will focus on learning the course will focus on the course will be a course will be compared to the course wil

Interview with instructor required. .

Class will meet twice a week for 15 hours each.

FACTORY IN THE PIELD - INQUIRY SEMINAR IN NATURAL SCIENCE AND SOCIAL SCIENCE

Tad Danforth, Dunn Drorbaugh, Steven Gelmis, and Matt Rothman (Faculty Sponsor: Allan Krass)

See Social Science course description.

*Tad Dunforth and Dunn Drorbaugh are Division III Hampshire students; Steven Celmis and Mart Rothman are Division II Hampshire students.

NS 245

TOPICS IN MARINE BIOLOGY

Charlene Van Raalte

Through literature rendings and a seminar format, we will contreas three marine environments: intertidal, open ocean and the deep see. Physicological ecology will be emphasized. Students will gain a feeling for the kinds of questions mode marine researchers are asking.

A literature review paper and a class presentation will be expected for evaluation,

This course is required for and will prepare several students for a January internship in Woods Hole.

Prerequisites: Ecology or biology and basic chemistry.

Class will meet twice a week for 13 hours each. (There will be preliminary class meetings during the first week of the term at the scheduled class time in my office, 206 Cole, and class will resume sidterm.)

David Kelly

The course is designed primarily for students who anticipate studies in the physical sciences, but all students are urged to consider alternative math courses.

We'll cover in one term most of the standard material of the traditional two-term "freshman calculus" (see any other college catalog) and davote some time to the history, philosophy, and applications of the calculus.

Class will meet twice s week for two hours each, and problem help time will be arranged.

MODERN ALCEBRA: PURE AND APPLIED NS 269

Remneth Doctorn

Boughly half of this course will be devoted to covering the standard modern algebra topics-groups, rings, and fields-in roughly the standard fashion. The other half of this course will look at some of the ways these concepts are being applied today; crystal groups, algebraic coding theory group representations and their applications to physics, projective geometries and related combinatorial problems. This course presupposes previous knowledge of calculus and a decent level of mathematical sophistication.

Class will meat twice a week for 14 hours each.

NS 261 (SS 261)

MATH FOR SCIENTISTS AND SOCIAL SCIENTISTS

Traditionally, the mathematical proparation for scientists and quantitatively-minded social scientists begins with a year or more of the calculus. Easy sccess to high speed computers has increased the usefulness of other computers has increased the usefulness of other characterists and scientists and scientists and calculated the possible exception of physicists of professional professional properties of the content of this cause is sore appropriate than calculus. Topics will include:

Punctions and graphs
Computer simulation, calculation, and plotting
Elementary linear sigobta (vectors and matrices)
Linear Hodels (including input-output analysis)
Concepts of the calculus (fich language and its interpretations)
Floits difference methods (applied to approximating solutions to differential equations)
Configuration equations
Elementary probability and statistics (including Markov chains and the bell-shaped curve)

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

Classes will meet three times a week for 1 hour each and an additional weekly evening problem session will be scheduled.

SHALL COMPUTER DESIGN NS 274 (LC' 241)

Robert Tinker

See Language and Communication course description.

SCHOOL OF SOCIAL SCIENCE CURRICULUM STATEMENT

The faculty of the School of Social Science have worked to create a curriculum based on critical inquiry in a variety of problem areas which reflect that for the strength of the strength of

societies and social change than any one discipline can offer. Our faculty come from a wartety of disciplinary backgrounds—santhopology, eaconomics, history, law, political science, psychology, and sociology. However, the School's identity is shaped much more by emerging constellations of chamatic accrease and cooperative teaching than by traditional statement and cooperative teaching than by traditional statement when the statement of the stat

SCHOOL OF SOCIAL SCIENCE

PROBLEMS IN URBAN POLITICAL ECONOMY SS 113 L. Hogan

ECONOMIC PERSPECTIVES ON WOMEN SS 114 L. Nisonoff

POLITICAL JUSTICE SS 115

MANIC DEPRESSIVE ILLNESS SS 121

L. Farnham

INESCAPABLE MARK: AN INTRODUCTION TO MARKISM AND SOCIAL

M. Cerullo, J. Landes, and F. Lennox

KIDS AND KIN: THE SOCIAL ORGANIZATION OF CHILDREARING .
SS 125 H. Mahoney and B. Yngvesson

COLLEGES: AN OVERVIEW SS 128

GROWTH AND THE ENVIRONMENT SS 131

W. Grohmann S. Shapiro

CRIME, CRIMINALS, AND LAW-ABIDING CITIZENS SS 133 B. Linden

AMERICAN SLAVERY: AN INTRODUCTION TO 19TH CENTURY AMERICAN HISTORY
SS 140 A. Berman

VIEWS ON SCHIZOPHRENIA AND CREATIVITY FROM ANALYTIC PERSPECTIVES SS 158

SOCIAL DEVELOPMENT AND DEVELOPMENTAL PARADIGMS SS 165 (LC 165) E. Cooney and M. Mahoney

FROM MONASTARIES...TO MEDICAL SCHOOLS: STUDIES OF VOLUNTARY AND INVOLUNTARY TOTAL INSTITUTIONS SS 175

AMERICAN CAPITALISM
SS 184
S. Namer
A HISTORY OF THE PRESS IN THE U.S.
SS 201 (LC 201)
D. Kerr and J. Parnass

INTRODUCTORY ECONOMICS SS 210

CAPITALISH AND EMPIRE SS 214

C'. Bengelsdorf, N. Fitch and 'F. Weaver

PROBLEMS IN THE PHILOSOPHY OF LAW AND JUSTICE SS 217 L. Mazor

WHAT'S HAPPENING IN COURT? CONTEXT, CONCILIATION AND CONTROL OF DEVIANTS IN THE JUDICIAL SYSTEM SS 220 0. Fowlkes and 6. Yngyesson

BLACK AMERICANS IN A CAPITALIST SOCIETY
SS 223 L. Hogan

MARXIST READING GROUP SS 230

D. Sloss with M. Breitbart and L. Nisonoff as Faculty Super-visors

FACTORY IN THE FIELD - INQUIRY SEMINAR IN NATURAL SCIENCE AND SOCIAL SCIENCE 15 241 (NS 239)

T. Danforth, D. Drorbaugh.

T. Danforth, D. Drorbaugh, S. Gelmis and M. Rothman (Faculty sponsors: S. Warner and A. Krass)

AMERICAN PUBLIC POLICY SS 249

S. Shaptro

SCHOOL AND SOCIETY SS 260

H. Rose

MATHEMATICS FOR SCIENTISTS AND SOCIAL SCIENTISTS SS 261 (MS 261) D. Kelly

THE URBAN CONDITION SS 265

M. Breitbart

WOMEN IN SOCIALIST SOCIETIES: THEORY AND PRACTICE SS 280 C. Bengeladorf and J. Landes

NOTE: The School of Social Science will be making a faculty appointment in Asian Studies.

PROBLEMS IN URBAN POLITICAL ECONOMIS

Lloyd Hogen

The course is designed as an exercise in methods of inquiry by economists. When living in a highly developed technological properties of the pr

The course will meet twice a week for 14 hours each session. Enrollment is limited to 20. First come, first served.

ECONOMIC PERSPECTIVES ON WOMEN

This course will analyze the economic position of women in American society and the process by which economists examine society. It is not to be processed to the process of the control of the society of the society of the society, paying particular attention of the society, paying particular attention to the society of the society, paying particular attention between society of the society, paying particular attention to the society of t

We will amalyze the experiences of women with varying socio-connosic backgrounds, including a unit on the black femily, and examine the commonics of discrimination and hierarchy, and examine the extrategies that are most officetive for granting women on their two jobs, in order to develop a propositive ownen on their two jobs, in order to develop a propositive on the relationship between women's status in the society at large and their economic position. Hopefully, this will lead to a strategy for social change.

Individual presentations in class on the current topic will be expected, and participation in a project (cither individual procedure), when the document of the project participation in a project (cither individual procedure) will be encouraged. The course one dight write a paper, a series of newspaper articles, or a script for presentation during Momen's Week.

The class will meet twice a week for a total of three hours. Enrollment is limited to 25, is open to men and women, and Five College students are welcome. Pirst come, first served

POLITICAL JUSTICE

Politics is an'activity basic to all human interactions; law is the principal instrument of government in modern society; justice is one of the highest ideals of human existence. This seminar will examine the ways politics, law, and justice interaction in the modern political trials. The goals of the seminar arc to establish some familiarity with the characteristic arc in discours of law to politics, law, and limits of the trial process, and the control law to politics and of law to politics and of both to justice.

We will begin by examining the roles of the parties, attorneys, witnesses, judge and jurors in a conventional trial on a matter which its not highly charged with political consequences or emotion. The bulk of the course will consist of class study of a number of notable political trials and of the myths which arise from time. Examples of the kinds of trials I have in aim dare the Sacco and Vanzetti case, the Rosenberg case, and the case of the Chicago Eight. What political ends were sought and obtained and whether justice was done will be persistent questions.

The material for discussion will include transcripts of the trials and contemporary news accounts wherever possible; Karka, The Trial, and other works of poetry and fiction; Kkrchheimer, Political Justice, and other works of political and legal theory.

During the last third of the course students will work in small groups to develop presentations on particular cases. Sewiral Bumphire students who are doing advanced work in this field will assist in leading these groups and also will work closely with the students in the course during its earlier phases.

The course will meet twice a week for an hour and a half each meeting. Enrollment is limited to 20. A lottery if necessary.

MANIC DEPRESSIVE ILLNESS

The scminer will oddress such questions so: What is the nature of manic depressive illness? What are the criteria for differentiating affective psychoses from other forms of psychopathology? How does manic depressive ill more on what therapies are currently employed more than the properties of the p

The first part of the seminar will be devoted to an introduction to the general principles of abnormal psychology and the classification and description of psychiatric disorders. After this context is provided, the remainder the context is provided, and treatment. Receding assignments will be drawn from a variety of texts, research pspors, and reviews. The sealmar will neat twice a usek for one and a half hours each time. The work of the seminar will include an independent time the context of the co

INESCAPABLE MARX: AN INTRODUCTION TO MARXISM AND SOCIAL CRITIQUE

Hargaret Cerullo, Joan Landes, Frank Lennox*

Nargaret Cerullo, Joan Landes, Frank Leanoxe Wars in unavoidable, at Least for anyone who begins to sak questions out about acciety but about the nature of our thinking about acciety. Soomer or lates the nature of our thinking about acciety. Soomer or lates the nature of our thinking about acciety. Soomer or lates the nature of a compelled to depot, confice, appoint, except from or come to terms with the person who has defined the very task of critical social inquiry stealt." This course is designed as an initial comprise of the nature of the society freed from the antegonisms of capitalism. From this septimizing in the sarty writings we will cure to some of the estable of the course we util evaluate the ways that Marca's analysis of the course we util evaluate the ways that Marca's analysis of the course we util evaluate the ways that Marca's analysis of the course we util evaluate the ways that Marca's analysis of the course we util evaluate the ways that Marca's analysis of the course we util evaluate the ways that Marca's analysis of the course well a counter such as counter such as counter of the capitalist or ogainates of of sectory of adity life, the labor process, the Emily, and the oppression of women.

Our collective afforts in this course will require extensive reading as preparation for class discussion, working together with others inside and outside of class, and periodic written assignments. The course is designed for students with little background in the field.

Reading:

Prady Briman, "The Reproduction of Everyday Life";
"The Freich Speaks"
Devid McLallan, etc., Karl Marx: Selected Writings
Devid McLallan, Karl Harx
Out.F. Heagl, Resent in Mistory
Eric Nobebown, Age of Revolution
Section Section (1) S eila Re World

This course will meet twice a week for one and one-half hours each session. Enrollment is limited to 20.

*Frank Lennox is Director of Graduate Placement at Hampshire College.

KIDS, AND KIN: THE SOCIAL ORGANIZATION OF CHILDREARING

Maureen Mahoney and Barbara Yngvesson

, kaurean Mahoney and Barbara Yagwasan

In this course we will examine the family in cross-cultural and compurative perspective in order to explore the impact of economy, technology, and physiology, on family roles and childrent approaches. In the process of economy, technology, and physiology, on family roles and childrent approaches. The process of the process of the family roles and gathering societies (for example, the Bushman and the Eskimo), fully industrial tisted societies (e.g., the United States) and utopian communities that have attempted to change finally roles by consciously rearrenging childrening practices (for example, the Israell Kibbutz, and the Oneida Community) will examine the relative of fination of hildrening responsibility or is the child cared for which the present of adults who share the task and who are awuitable to support the mother? What role, are men expected to take with children? What has happened to "traditional" roles in utopian communities whose goal has been to change them? And how do the various arcangements complement or conflict with originizational and ideological goals of the moticity?

Since the course will be co-taught by a developmental psychologist and an anthropologist, we shall also explore the different kinds of questions and machoologist explore, bridge 10 course exact; — meading will includes a writery of ethnographic, sociological and psychological literature.

The course will meet twice a wask for two hours each meeting.

Enrollment is limited to 20.

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COLLECES: AN OVERVIEW

William Grohmann

An extantion of the historical development of higher educa-tion in this country, with emphasis on social and economic purposes and effects. Among the issues to be discussed are: the impact of college on students; the rise of specialization professionalization; colleges as social institutions; editing and egalitation views; and "overeducation" and extensional protech will be stressed in each college, and the protection of the man, Christopher Jenote, and participations, surron Clark, Theodors Revocab, and Daniel Bell.

Students will be expected to read (and report on) several books of their own choosing and to complete a substantial project on an issue of their own choosing. This should enable students to focus on areas of study which interest them most, ranging across many of the disciplines of the social sciences.

The course will neet twice a week for one and one-half hours in seminar format. Entollment is limited to 20 on a first-come, first-served basis.

SS 131

Stewart Shapiro

In this course we will examine the relationship between the desire and/or need for economic growth and the environmental constructed upon such growth. Offerent theories and approaches will be studied in an attempt to analyse their likely political implications. Particular enphasis will be given to the analysis of various authors' assumptions regarding the conflicting priorities of economic growth and environmental practical whether the desire for continued so of democracy fit in this context, and fit it is possible end/or desirable to attain a middle ground between the two goals.

The course will meet twice a week for 14 hours each session. Enrollment is limited to 20 on a first come, first served basis.

CRIME, CRIMINALS, AND LAW-ABIDING CITIZENS SS 133

Barbare Linden

Barbara Linden

This seminar will focus on one of the major problems in the sociology of social control: the problem of criminality and social control: the problem of criminality and social control: Theories about the Eumastion of social control: the problem of social castion of social castion, group exceedership, stratification system and as a structural level, will be examined (e.g., those focusing on socialization, group exceedership, stratification system proprioches). Readings and discussion will strate the they explain and predict certain the strategy of the social castion of the terms of the degree to and in terms of the implication current theoretical and empirical works, cross-cultural studies, historical and contemporary policy proposals, and athongraphic accounts. Students will be required to complete two short papers and one major research project, to be presented to the class.

Enrollment limit: 16. A lottery if necessary. Five-College grades will be given Meeting time: two hours weekly

AMERICAN SLAVERY: AN INTRODUCTION TO 19TH CENTURY AMERICAN HISTORY SS 140

Aaron Berman

This course will examine the centrality of slavery to pre-Civit War American history. Readings will include many of the major studies of alvery written since 1900. Weekly discussion sessions will focus on the methodology of the studies and changing perspectives of pinatation life and slave community. Perticular emphasis will be put on the political and social context in which the study was written.

A weekly lacture will discuss broader issues of American his in relation to slavery. Topics will include: development o Southern economy and society; Abolitionism; American racism; and the coming of the Civil War.

Students will be expected to write two short papers (about 4 pages in length) and one longer paper of 15-25 pages.

The class will meet twice a week for 15 hours each time. En-rollment is limited to 20 students, to be chosen by lottery.

VIEWS ON SCHIZOPHRENIA AND CREATIVITY FROM ANALYTIC PERSPECTIVES

Eva H. Brown

Some of the questions which will concern us include:

What is the nature of schirophrenia?
What do we mean when we say a person is creative?
How are schirophrenia and creativity related devot mentally? Are they? And if so, where exist the boundaries between the two?

Through the medium of case study material, we will try to get a grasp on how the Freudian, Sullivanian, and British Object Relations Schools (Faithair, Winnicott, and Guntrip) tried to understand these human processes. Case material will be supported by theoretical writings. A supplementary reading list that goes beyond the acope of the class. Will be provided for those interested in develoying a Buission I away.

Class meetings will take the form of discussions and presentation from the reading material. Class presentations will form the basis for written work. There will be lectures on request.

Please come to class having read Calvin Hall's <u>Primer of Freudian</u> Psychology. It should be available in the Atticus Bookstore and Psychology .

The course will meet twice a week for two hours each session. Enrollment is limited to 18. First come, first served, lottery if necessary.

SOCIAL DEVELOPMENT AND DEVELOPMENTAL PARADIGMS

The purpose of this course is to introduce the student to developmental psychology by exploring both what we know and how we know what we know about the social development of the child. Focusing specifically on several central topics in social development including moral development, see-role development, per relations of the contract of the contra

used to study them.

Throughout the course we will consider the issues of how certain theoretical approaches land researchers to formulate occasionate of the specific methods used are shaped by underlying theoretical assumptions and how they for case of the study of the specific methods used are shaped by underlying theoretical assumptions and how they for case of the study of th

Course meetings will consist mainly of discussions and lectures. Readings will include selections from Freud, Erikson, Kohlberg, Fleget, Bruner, and Bandure, smong others. Students will be expected to complete, readings prior to class seetings and to contribute actively in discussions. Freequent short (1-2 page) papers on questions related by the readings as well as one longer [12-15 page) papers are required. Five-College students are welcome and may receive a grade if requested.

The class will meet twice a week for ly hours each meeting.

Enrollment limit: 20, first come.

FROM MONASTARIES. . . TO MEDICAL SCHOOLS: STUDIES OF VOLUNTARY AND INVOLUNTARY TOTAL INSTITUTIONS

E. Oliver Fowlkes and Jon Parker*

This Division I Social Science course is designed to study constants, boarding and professional schools, military can be supported by the second schools, military can other total institutions in order to understand their underlying social structure and patterns of interaction which take place within them. The course, which is set for beginning students, is focused on integrating readings and class discussions with student group-oriented projects.

The following issues will be considered by this course in addition to others which might emerge from the subject matter:

-Differences between voluntary, involuntary, coersive and non coersive total institutions;

-The relationship of formal structure to coersion in the institution;

-Ways in which tension between participant and outside world affects institutional functions;

-Effects of the institution on participants' concept of self;

-Goals of various total institutions and their success in accomplishing these goals.

After an introduction to the course material, students will be espected to join a course study group to carefully examine total institution, wither a paper on it and present infitting to the class. Course participants will be expected to of libery research and to make field trips to such institutions where possible for observation purposes.

Format for the course will consist of two one and one half hour class sectings per wesk during which lectures discussions, movies, and student prevailed in the course will be seaded movies, and successful the course will be expected to do a good bit of roading, project research and to go on field trips where appropriate.

Enrollment is limited to 25. By lottery if necessary

*Jon Parker is a Division III Hampshire College student.

AMERICAN CAPITALISE SS 184

Stanley Warner

he primary focus of this course is the current structure and performance of American capicalism. We'll begin by developing the theory of alternative market structures: monopoly, competition, oligopply. A dominant theme of this theory is that capitalism requires competitive markets if it is to function optimally. Because the connectration of economic power in the U.S. is no clearly at odds with this traditional, belief in the course of the course

In a number of fundamental respects, however, the performance of an economic system involves questions that transcend the issue of whether markets are competitive or monopolitical. Work alienation, class structure and connciousness, and the relationship of economic power of political power are three such areas of concern. These issues warrant full courses of their own. A third sapect of the course, however, will be to at least broach these questions with the hope that i will keep us from aliepting into too marrow a frame of effectment.

Throughout the course there will be a strong emphasis on direct applications to specific industries (steel, oil, autos, drugs), specific controversies (conglowerstes and ITT, militaries, thousey "crisis") and specific proposals (from the New Populim of Nader, Fred Marris, and others to the approaches of the "Did" and 'New' Left).

The reading will include:

F. M. Scherer, <u>Industrial Market Structure and Economic Performance</u>

J.K. Galbraith, <u>Economics and the Public Purpose</u>
Milton Priedman, <u>Espitalism and Freedom</u>
Paul Baran and Paul Suesy, <u>Monopoly Capital</u>

This is a Division I course which assumes no prior work in economics. A person completing the course would be prepared for an intermediate course in the area known as microeconomic theory.

The course will meet twice a week for an hour and a half each meeting.

- Enrollment is limited to 20. First come, first served.

SS 201 (LC 201)

A HISTORY OF THE PRESS IN THE U.S'.

David Kerr, John Parnass

See Language and Communication course description.

INTRODUCTORY ECONOMICS SS 210

Laurie Niconoff

An introduction to economic analysis, covering the principles of both major areas of conventional economic theory (i.e., micro end 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 per week.

Enrollment is unlimited. Five College students will be graded PASS/FAIL only.

CAPITALISM AND EMPIRE

Carol Bengelsdorf, Nancy Fitch, Frederick Wesver

Capitalism and Empire is a one-sementer course which draws from 1000 years of human history. Its principal theme is the decrease of industrial capitalism in Vostern Europe and corporate of industrial capitalism in Vostern Europe and charging social and political institutions and ideas through, out the world conditioned as well as reflected that development. Events in Africa, Asia, and Latin America and the history of women are given serious consideration.

of women are given serious consideration.

As a survey history course, it will present a coherent thronological marrative, but its major reupose goes far beyond this.

In the property of the serious property of the serious definition of the decline of feudalism, patterns of class forms tron and political power, colonial expansion and importisins, revolution, and the development of liberal thought and mocialist alternatives, the course will introduce students to the study of history as a series of multi-faceted social processes under going continual change. Faculty in the district of the study of history, law, and political models and processes under place of the series of the ser

We will meet twice a week for lecture and discussion, and stu-

Enrollment- is unlimited.

PROBLEMS IN THE PHILOSOPHY OF LAW AND JUSTICE

Lester Mazor

What is the nature of law? What is the meaning of justice? These two questions have figured in the works of major philosophiers from late to the present day and in the writings of legal of the proper of the prope

of current concern.

A principal object of the course will be to examine the difference one's philosophic position makes to the resolution of
practical problems. This emphase will be reflected in the
manner in which the course will be taught. After a brief
introductory exploration of the history of tigs work of a
mintroductory exploration of the history of tigs work of a
members of the clambide open for intensive study. During
members of the clambide open for intensive study. During
members of the resolution of the term each student will speak on
behalf of that philosopher in general class debates on a
series of issues, including civil disobedience, equality, the
sanctity of life, the growth of the low,
intermational form of the course of the course of the
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No previous work in philosophy or law is presupposed.

Materials for the course will include Priedrich, <u>Philosophy</u> of taw in <u>Materical Perspective</u>, Mart. <u>The Concept of Law</u>, Fuller, <u>The Law in Quark of Itself</u>, and problem eaterials prepared by the instructor.

The class will meet twice weekly for 14 hours. Enrollment is unlimited.

WHAT'S HAPPENING IN COURT? CONTEST, CONCILIATION AND CONTROL OF DEVIANTS IN THE JUDICIAL SYSTEM

Oliver Fowlkes and Barbora Yngvesson

Oliver Forlkes and Barbora Yagvesson

It is in the lower courts that many Americana have their first encounter with the judicial system. This course is aimed at introducing found the judicial system. This course is aimed at introducing found the full that sizes, and at providing an outborn and the system of the system of the system of the deviating of what is going on in these courts by examining: the goals of the adversary system; the social organization of courts, and the effects of this organization conclusion of the system o

courtroom appearance: what elecenatives are we certain to the system as it presently exists?

The organization of the course will reflect our commitment to the idea that courts can best be understood by using a variety of prespective way to the court of the court o

The course will meet twice a week for an hour and a half each session. Enrollment is unlimited.

BLACK AMERICANS IN A CAPITALIST SOCIETY

The basic objectives of the course is to examine critically the nature of the forces governing the interrelationships among Blacks, and between Blacks and whites, in the processes of production, discribution, consumption, and accumulation of weach in the United States. Alternative methods of modifying these forces to bring about permanent improvements in the econosic well-being of the black population are explored and analyzed.

well-being or the black population are explored and analyzed.

As a means of achieving the objectives a general conceptual fremework of the U.S. economy is developed. This fremework is then specialized to the black population as a central focus fourtent as well as historical data are presented by use of illuminating the dynamics of black economic settivity. Gaps in empirical data are presented or activation of the description of blacks.

An important section of the course examines the economics of slavery, the post-civil war economic reconstruction of the cotton south, and the impacts of those phenomena on the sub-sequent development of American capitalism.

ystematic theme throughout the course is the fundamental ture of black population dynamics during the various aconomitions of the last 350 years in the United States.

A wide selection of readings are done from standard economics taxts, from Marx and the modern readical economists, from the "cliometricinam", and from ercent contributions in the <u>Review</u> of <u>Black Political Economy</u>.

Classes meet twice a week for two hours each session. An independent research project, approved by the instructor durithe first two weeks of classes, is a significant requisite for successful completion of the course.

Enrollment is unlimited.

MARKIST READING GROUP SS 230

David Sloss* with Myrna Breitbart and Laurie Nisonoff us Faculty Sponsors

Now many of you preach radical politics and have never read Nary? I, for one, an guitty of this. I have read a lot of things about Mark, but almost nothing in the original. This fail! Yould like to remedy that situation. I am interested in finding other students who would also be willing to devote a fair assount of line to reading and discussing Narx. Nexting once a week over a pot-luck dinner would be included the mount of the total content of the con

*David Sloss is a Division II student at Hampshire College.

1

FACTORY IN THE FIELD - INQUIRY SEMINAR IN NATURAL SCIENCE AND SOCIAL SCIENCE

Tad Denforth, Dunn Drorbaugh, Steven Gelmis, and Matt Rothman*

Faculty sponsors: Stanley Warner Allan Krass

In this seminar we will closely examine solutions and modele that pertain to the problems of food, Shelter, and Emergy in our society. These models will be provided in the form of writings by a helf down thinkers such as: Suckminster Fuller, Amory Lovins, E. P. Schumacher, Marx, etc. One non-western cultural model will be discussed; for example, the teachings of Chandi.

We will use a broad mix of readings, discussions, guest lectures, field trips and files to explore the ways in which each of these models have or have not worked and how they have affected present motieties and culture.

Some questions we hope to address are:

What is the relationship of technological change to energy and the field of design and architecture?

What is the responsibility of the scientist to protect the public interest? (as in the case of nuclear power)

What is the future of food production and its relationship to urban planning?

The reading load will be quite heavy, and a serious commitment on the port of the participants will be expected.

The seminar will meet twice a week for one and a half to two hours, with one other day for lectures and films. Enrollment

will be limited to 15 Division II students by means of an laterview with the instructors. Because of the broad subject section in the students of an actual students of natural actence, architectpre/design, as well as social science.

≪Tad Danforth and Dunn Drorbaugh are Division III Hampshire
College students; Stoven Gelmis and Matt Rothman are Division
II Hampshire College students.

AMERICAN PUBLIC POLICY

Stewart Shapiro

We will begin this course by analyzing various methodological problems involved in the study of public policy - including epistemological issues and different public policy - including until public policy - including model is study - including the public policy - including the study - including the public policy - including the public policy - including - includin

the chall also explore specific policy issues in terms of both how and thy the policy was formulated; how and if the policy was implemented; and what the actual impact of such policies was implemented; and what the actual impact of such policies has been. A number of policies will be discussed including welfare, housting, height and education.

Finally, we shall discuss the policy implications of the Tritacral Commission's report on Mestern desocracies, particularly in light of the current administration's ties to the commission.

The course will meet twice a week for ly hours each meeting. Enrollment is unlimited

SCHOOL AND SOCIETY

Hedvig Rose

This course is here offered to provide students interested in education with insight into and understanding of the relationships between the school, the community, and the larger society. Lew 111 consider various views of detaction in America, with particular attention to the role of the school as a socialiting agency. Students like encouraged to engage in debates about the functions of education under changing social conditions. Course over will include readings, class discussions, lobservations, and written presentations.

The course will meet twice a week for one and a half hours each session. Enrollment is unlimited.

MATH FOR SCIENTISTS AND SOCIAL SCIENTISTS SS 261 (NS 261)

See Matural Science course description.

WOMEN IN SOCIALIST SOCIETIES: THEORY AND PRACTICE

Corol Bengelsdorf and Joan Landes

The emphasis in most feminist circles has been on historical and current aspects of women's situation in "western" capitalist societies. Yet feminist theory tends to point bayond such societies. The object of this course will be to explore these dimensions, to examine feminist thought in relation to motivate the experience, and, in turn, to analyze socialist experience and, in turn, to analyze socialist experience in the light of feminist thought.

the light of teminist thought.

We will begin the course by considering the theoretical (removers within which our investigation will take place) feather works within which our investigation will take place. Geninist analysis and socialist theory. We will then protected which have undergone socialist of comments in particular, we will look at the control of the particular, we will sook at the control of the particular, we will sook at the control of the control of the particular, we will took at the control of the control of the particular around the degree to which a revolutionary reorganisation of production has involved or been paralleled by a revolutionary reorganisation of the sexual hierarchy.

Henry different issues are subsumed under this theme. Some oxamples include: the position of the family in socialist hought and in socialist sociatis; the samp different view of production and reproduction, the sexual division of labor what it is, has been, and could be; woman's position as work and housavier to the position of the

Our purpose in this exploration is to essess the degree to which the societist revolutionary tradition and feminist thought converge and the degree to which they may contradict one another. Such as understanding, we believe, will give us vital perspectives on our own society. For this reason, the controlling perspectives on our own society. For this reason, the controlling the course will return to the theoretic light of the historical which we began, and reassess seedings will focus on both the opportune of the controlling the controlling the controlling to the controlling the contr

THE URBAN CONDITION

Myrns M. Breitbart

Notice of the second services of the second second

Built environments providy a background for human experience and develop largely in response to the social relations that emerge from various modes of production and such provides the frist course will expend the state of the social process frist course will expend the state of the social process and the state of the social process of the social process and the social process of the social process of the social process spatial organization of cities as a webicle for understanding the effects of a particular escondic system on the quality of work and living environments;

The course will be divided into four main sections. Part One will provide a brief summary of the historical evolution of cities in light of changing economic systems. Part Two will examine a vortical structure of expression which have been suggested to explain the critical structure of concepnorary explains cities (segocraphic, social, economic, etc.). Part Three will focus on the role of planners within capitalist cities. Finally, Part Four will examine the characteristics of contemporary urban social struggles.

This course will next two times a week for an hour and a half each session. Artive participation in class discussion will be required along the appare and/or project. Class size will be required along aftest come, first served basis. Readings will include such books as David Harvey, Social Justice and the City: Murray Bookchin, The Limits of the City: Norte and Ness, Neighborhood Zover; Pickwance, Uphan Socialsgy; Goodman, After the Plannars; Captive Cities, etc.

M. Cerullo

Western Marxism refers to a distinct tradition within 20th century Marxism, one which continuously attempted a renewal of

Marxism to the face of its collapse into the ideology of bureau-cratic socialism. In part by recovering buried mements of its own history, it developed Marxistovity mid attempted to account obligations of monitoring the control of the control of the obligation of the control of the control of the control of the obligation of the control of the control of the control of the obligation of the control of the control of the control of the particularly idealism, and bytween Marxism and burgers thought, issues of sexuality, uncontrol of the control of the con

of fascism, etc.

We will read some of the major with written within this cradition and attempt both to aftual. These themse within their own ritin and attempt both to aftual. These themse within their own riting and a state of the state o

James Joll, The Second International
George Lukes, Mistory and Class Consetousness
Ryrl Shysch, Markiss and Millosyle
Rateal, Occasion Control of the Control
From Under and Address, Control
From Laborator and Address, Page Class and One Disconsional Men
Jurges, Rubbress, Theory and One Disconsional Men
Jurges, Rubbress, Theory and Practice
Perry Anderson, Considerations on Mestern Merxism
Perry Anderson, Considerations on Mestern Merxism

The course will meet twice a week for two hours each meeting.
Enrollment is limited to 15. Permission of instructor required

DIVISION III INTEGRATIVE SEMINARS

WOMEN IN THE ARTS Kaplan CULTURE: CENUINE AND SPURIOUS IN 306 Tallmen

ALTERNATIVE LIFE STYLES/SEXUAL PREPROGRATIVES OF BLACK WOMEN IN TODAY'S AMERICA IN 310. Joseph

NEW CHINA: MIRROR FOR U.S. THOUGHT AND INSTITUTIONS IN 312

CASE STUDIES IN THE SOCIAL HISTORY OF ARCHITECTURE

IN 315 THE WARFARE OF SCIENCE AND RELIGION IN 317 Rinard

Brictbart ALTERNATIVES TO THE DOMINATION OF MATTIRE THE ROLE OF RACISM AND SEXISM IN MAINTAINING MONOPOLY CAPITALISM - + U. S. A.

MONOPO WOMEN IN THE ARTS 1N 302

Sally Kaplan* and Sally Allen

This seminar vill-examine the role of women in a wide variety of fields of art: Vinus-arts) darms, vurticing, theater. We will road works by and about women artists, look at the history of women in art, and bring in guest apsakers who can speak to this experience. Far more, the seminar vill provide a support women far more, the seminar vill provide a support will complete for Division III students to present that our art work and performance.

Readings include July Chicago, Through the Plower: Colette, The Vagebond: leadors Duncan, By Life; Virginia Woolf, A Room of One's Own; The Three Marian; and selected order of Lillian Reli-man, Toni horrison, Maria Rin, Sylvie Piech. There will be an opportunity to incorporate other interests of participants into-the course.

The class will meet one evening per week for two hours. Enrollment is limited to 15.

*Saily Kaplan is a Division III student concentrating in Dance and Writing.

ALTERNATIVE LIFE STYLES/SEXUAL PREROGATIVES OF BLACK WOMEN IN TODAY'S AMERICA

Gloria I. Joseph

biorca 1. Joseph

The course will consist of data collection and analysis. The purpose of the course is two-fold: to further develop and refine skills in casearch methodology and data interpretation; and to gain new and insightful understanding about the social sexual actitudes and values of Black working class women. The question of class will be central to the researched topics. The course is limited to 10 students since extremely careful supervision is a must. Enrollent by permission of instrictor. Course contact hours will be arranged.

CULTURE: GENUINE AND SPURIOUS

Janet Tellman

"The gammina culture is not of necessity either high or lo is merely inherently harmonious, balanced, self-sacisface it is the legerpession of a richly varied and yet somehow and consistent attitude toward life, an attitude which significance of any one element of civilization in which which be all. It is, ideally as more than the interest which is a possible to the interest of the second of the second in the second of the second of middirected or unsympathetic effort."

Edward Sapir

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This is a Division III integrative seminar focusing on issues from anthropology, sociology, psychology, American issuides, and American integrate. We will begin by discussing concepts of seminary of the sem

In addition to studying culture, and analyzing fictional and documentary ecounts of American culture, we will pay attention to the process of daing Division III in an effort to make that y competining less isolating.

miner will meet once a week for three hours.

Enrollment limit: 12, with permission of the instructor.

Pive-College grades will not be given.

NEW CHINA: MIRROR FOR U.S. THOUGHT AND INSTITUTIONS IN 312

James Koplin

Almost everyone who returns to the U.S. from a visit to the People's Republic of China reports going through a period of extensive re-evaluation of his/her attitudes toward a great many aspects of our society. I propose that we do a reduced varsion of this process by reading about topics related to work of the students who earoll. The purpose would not be to become experts on China -- it would be to use a sketch of the Chinase sook to gain another, perspective on the way any particular subject is handled in the U.S.

Here are some sample broad generalizations stated in terms the Chinese image; you can look in the U.S. mirror and fill in those statements yourself:

Law -- there is a national constitution, but very little in the way of codified legal statutes?

Health care -- through a process of socialist education combined with an emphasis on prevention and on-the-spot treatment, many serious illnesses have been eliminated. For example, it is no longer possible to locate a live symitis spirochete to use in the training of medical students.

Population distribution -- major urban centers have decreased in population during the past 10 years.

Basic research in natural science -- emphasis is on collective work, the classic story had to do with the synthesizing of biologically active insulin.

omics -- there is essentially no inflation, no internal or external debt. Hessured in time of average annu-income, the PRC is a very poor country.

Foreign policy -- it is assumed that Russia will attack China with nuclear weapons, so the emphasia is on preparation.

Art -- the "mass line" is stressed in art as well as most other areas. Museums are free. When the art of Old China is displayed, it is always with a political lesson.

And many others. In all of these areas the integration of theory and practice is prominently discussed as is the much repeated slogan "serve the people."

Each member of the seminar would be expected to present the contrasting views on a topic similar to those listed above. A wide range of subjects is required in order to make this valuable exercise. If you are considering signing up, please contact me as soon as possible (certainly before the end of May) so that we can discuss your interests — and then arrange for some of the prelevant books to be available in the bookscore in Saptember.

Typical texts aight be: Sidel, V. V. and Sidel, Ruth, Serve the People: Observations on Nedicine in the PEC: China: Science Walks on Two Legs prepared by the Science for the People collective.

The sominar will meet once a week for 25-3 hours. Enrollment

IN 315

CASE STUDIES IN THE SOCIAL HISTORY OF ARCHITECTURE

Rarbara Linden

This course will focus on the social history of srchitecture by using biographies and sucobiographies of inpartant individual, and the field of the second of the second will complete the student will complete the student will complete the student will complete the student of the second of the second will complete the student of the second will complete the second of the second will be second with the second the sec

history than on architectural history ger as.

Readings in social and architectural history will be drawn,
in part, from the following: Banham, honcy and Design in the
First Nachina Age (1960): Fargusson, History of the Modern
Sylbas of Architecture (1862): Clous, Architectural History
and Theoritecture (1862): Clous, Architectural History
and Theoritectural History
(1963): Jeachs, Modern Movements in Architectural Hinterest
History as Hyth; (1970): Hintender, John Lowert Desire
(1963): Jeachs, Modern Movements in Architectural
History as Hyth; (1970): Allingamder, John Young
History as Hyth; (1970): Allingamder, John Young
Revolution (1968): Norn, History, John Young, Flowers, Flomests of
Modern Healing (1960): and Williams, Culture and Society (1958).

The course will meet once a week for two hours. Enrollment listed to 12; by instructor's permission.

7 **L**in 317

THE WARFARE OF SCIENCE AND RELIGION

when we consider what religion is for mankind and what science is, it is no congentation to say that the future course of history depends upon the decision of this generation as to the relation.) Extend them." (Alfred North Whitehead)

on gid in such a decision, this course will examine the his-marked encounters between modern science and religion, in-cluding such topics as: Newton and natural theology, Darvin of the fundamentalists, and the place of fath in a techno-tauctary. Lecture and discussion. Students will be pursue a topic of their own choice and present to the seminar for discussion.

will meet twice a week for 14 hours.

IN 319

ALTERNATIVES TO THE DOMINATION OF NATURE

Hyrna M. Breitbart and Ralph Lutts

What is domination and how is it menifest in our culture? In there to relationship between the domination of people and the domination of accure? Who cares? Why care? What are the social, accomposed, political, and environmental alternatives to domination? How might these elternatives be implemented?

This seminar will provide a theoretical fracework within which atudents can address a worterly of environmental, political, and policapital uses from an interdisciplinary perspective. In the top of the course, domination and its alternatives the considered from several different perspectives including marchiam, nutualism, environmentalism, decentralism, and one of the interdisciplinary perspectives and of the considered from several different perspectives including marchiam, nutualism, environmentalism, decentralism, and of the decentralism and the property of the decentral consideration of the ideas developed in the first section.

Senimar coetings will be based upon a discussion of numerous readings including such writers as Friere, Chandi, Kropotkin, Bookchin, Reclus, Hardin, Jubola, Burtt, Stone, Buber, Manford, otc. The course will meet once a week for 72 hours. Earoli-den the course will meet once a week for 72 hours. Earoli-sent is limited to 15 students. Pirst come, first served.

TN 321

THE ROLE OF RACISM AND SEXISM IN MAINTAINING MONOPOLY CAPITALISM $\mbox{--}$ U.S.A.

Gloria 1. Joseph

This seminar has double foci; participants will: 1) Analyse basic inaticutions -- family, religion, schools, public health comparing their intended purposes with the reality of the functions. 2) Investigate, discover and examine the specific functions. 2) Investigate, discover and examine the specific practices of racism and sextum in industry, jobs, health hervices housing, etc. to see how they serve the economy and provide a disservice to the vast majority of Americans.

This seminer is integrative by nature and design. Analysing various institutions presents one level of integration. Examining raction and sexise within the Capitalist System naturally incorporates the disciplines of communics, law, political series. Black Studies and Woom's Studies, acticlogy, and history.

Tentative and partial reading list:

Black Auskening in Capitalist America - Allen Black Families - Gutaan Capitalian, The Family - Zaretsky Souls of black Folk - Dubols Educations! Deybology: A Cognitive View Schools in Corporate America

The course will meet twice a week for an hour and a half each meeting. Enrollment is limited to 12 students on a first come, first served basis.

EMERITI FACULTY BIOGRAPHIES

MEMILT FACULT STUMMERSON of human development, re-ferred as N.D. from State University of Lows and N.P.B. from Harvard School of Public Health. Dr. Rose has been Director of Outpatient Services at the Colorado Syschopathic Hospital in Depver, Assistant Psychiatria at Emergency Medical Service at the British Ministry of Health in Lon-don, Commissioned Officer in the U.S. Public Sealth Service, Professor of Psychiatry at the University of Illinois School of Public Health. She has also written a number of articles, including "Emotional Factors in Delinquents," "The Parents" Contribution to Psychotherapy with Children, and "Mental Health of Exceptional Children."

Henry Michaelto, essentius professor of music, taught at Amberst College from 1940 until his retirement as Chair of the Nusic Department in 1975. Retained at Amberst as Participation of the Nusic Department in 1975. Retained at Amberst as Participation of the Nusic Department of Treational Dissonance in the English Medical of Treational Dissonance in the English Medical Passays in Music and Studies to Italian Proceedings In Medical Operatory. Bits book Monart: Essays in Order Lie being considered for publication, and he is currently acting on a new book entitled Rach: The Last Two Decades.

working on a new book entities agen; ine task two detects.

Evangatine Machilio, sections professor of theatre arts,

rectived an N.A. Free Mithburgh and an Ed.D. From Columbia.

Rectived an N.A. Free Mithburgh and an Ed.D. From Columbia.

1999 and for seven years was sudestar the Mighborhood Playhouse School of the Theatre of New York from 1942 to 1999 and for seven years was a lacturer in Speech at Columbia University. She is a Professor Dametics from Souton University. She is a Professor Dametics from Souton University. She is a Professor Dametics from 1960 to 1972. Among the well-known actor from 1960 to 1972. Among the well-known actor McQueen, Joseph Michael Stage and Dislects for the Stage and Dislects for the Stage.

Lucas Crottano, registered architect, draftsman and designer, was lacturer at the University of Massachu-setts and ectylent of the Scewardson Traveling Fallow-setts and ectylent of the Scewardson Traveling Fallow-ment of the Company of the Company of the Company of the did graduate work in planning at the University of Edin-burgh where he did a survey of British and Scendinevian New Towns.

If you wish further information about the courses connected with the Emerit: Program, please contact either the Dean of the Faculty Office or the individual faculty hosts:

Emeriti Faculty

Mabel Ross Henry Hishkin Evangeline Machlin Lucas and Gail Grottano

Faculty Bosts Barry Goldensohn Ann Kearns Josie Abady Norton Juster and Earl Pope

DEVELOPMENT OF HUMANS

A seminar-using a bulistic approach in reviewing some of the factors influencing human development. The complex interplay of physical, intellectual, intellectual, intellectual, present and environmental factors vital history will be weighted, from sythology, like with history will be weighted, and within and research. Special attention will be given to early childhood and to theories of childhood development, however, the possible lifetions modifications of sement; however, the possible lifetions modifications of development will be a semental process of the seminal process of

Student participation is taken for granted, with some individual research and observation to be contributed to the sessions.

The seminar will meet twice a week for 1-1/2 hours from September 12 through October 18.

HA 113

Henry Mishkin

A study of the instrumental forms of Bach. Special attention will be paid to the aumary works of the last decade (1746-1750): The color by the Fugue. The Husical Offering. The Goldberg Lactions, and the Work (Humel Boch Variation). Collacting and the Work (Humel Boch Variation). Collacting treat reading from A. Schweitzer, C. S. Terry, and C. Getringer.

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

HA117/217 VOICE FOR THE ACTOR

Evangeline Machlin

This course will involve teaching actors how to reach and use their natural voice to affect better speech both on and off the stage.

Enrollment is by invitation only and participants must plan to attend each class session.

The class will meet from September 11 through September 29 Monday through Friday for 2 hours.

Lucas and Gail Grotteno Norton Juster and Earl Pope

See description in HAA section.

LAW PROGRAM

The Law Program examines issues in law and society from a variety of perspectives. We seek to organize and support activity across School, divisional, and other boundaries within the College. The activity of the Program includes courses, independent studies, concentrations, Division III projects, public events, ited study support and apparentation, and development of library and other resources.

and development of library and other resources.

Law is a phenomenon which touches every aspect of our existence. The study of law, legal processes, legal ideas and events provides a focus for many kinds of inquiry. The resolution of activities possible within the scope of our sting in it. The law Program is not designed as expertation for lew school. Although their and expertation for lew school although their and expertation for lew school. Although their and expertation for lew school although their and expertation for lew school although their and expertation for lew school and though their and their school and though their school and their products of their school and their products of their school and their products and Lester J. Nazor.)

Foulkes and Lester J. Maror.]
The Division II courses are the core of the Law Puogram's content. Students who plan a concentration in law, or, as is often the case, a concentration which includes some aspect of law in it, should look to the Division II coursess as the foundation and entry point for their work. This 281 we will be offering S217, Problems in Philosophy of Law and Justice, taught by Lester J. Maror, S220 What's Repending in the Court, by E. Oliver Foulke and Barbars Tuyensson, no introduce students to the criminal Justice system.

Each year the law Program offers some courses in Hampshire's Division I, Basic Studies, Like all Mampshire Division I sources, the primary objective of these course is to develop the student's understanding of the mode of inquiry of the School or Schools in which they are taught and generally to contribute to the student's growth as a learner. During Fell, 1970, se will offer \$5133, Crime, Criminals and Law-Abiding Citizens, taught by Barbara N. Linden; \$5115, Political Justice, taught by Lester J. Masor.

Justice, taught by Lester J. meany be done undor the supervision of any of the faculty working in the Law Program. In particular, E. Dilver Foulbes is especially interested in mental health, the legal profession, representation for the poor and wolfare law and can provide assistance in arranging field work placement; Berbara Linden has special interest in legal sepeces over the continuous approximation of the provide assistance in arranging field work placement; Berbara Linden has special interest in legal sepeces over the legal organizational aspectation, and the continuous continuous law, the continuous continuous law, the continuous law, the continuous law of the law of

Students have designed concentrations which draw very largely upon the Program courses or which include some contribution of the law Program courses or which include some contribution of the law Program to chair plan of actually. These have included concentrations in law and democratic particles are democratic concentrations in the same democratic particles are concentrated another to the program contribution of concentrate studies, we made is studies, when a couldes another of contribution of the law Program regularly sponsors spackers, films, and other social events. Numbers of the immphire community who have in mind some event which would be appropriate for sponsorship by the law Program are concentrated to request support from the Sterling Committee.

No formality of admission or membership is veguired for per-ticipation in the law Program. The way to indicate your affiliation and calling list and the property of the content of the notice may be regard to the content of the processes of the notice way Program events and activities. This list is maintained by Prancisko Duda, Patterson Hell, Room 116. There is a Veryagem Center, where students working in the Program may organize and conduct their activities.

Suzanne Daley Franciska Duda E. Oliver Fowlkes Barbera Linden Carolyn Karp David Katzman Paul Hodel Robert Ryan Lester J. Miscor Barbara Yngbesson

t

EDUCATION AND CHILD STUDIES

The Education and Child Studies Progree at Hampehire College arrives to seet the many stress concerns of scuedents interested to this areas of the study of educational Issues is a time areas of the study of educational Issues is a most of the study of educational Issues is and how-they collect to family, friends, school, and the larger community. Closely connected is the need to understand the interrelation of the school and the larger distribution and groups of which the school is the school and spitted to the school and the studies of the school and the school and the school and the school and the school approaches in their search for understanding.

Thus, using these inquiries as a guide, students are urged to select from smohn, the following listing as well as from other related offerings in order to develop a better grounding for more specific topics of their own choice. Those crudents destring to become classroom; eachers should consult with Medy Rose, Coordinator of Education and Cital writes, regarding additional requirements and to plan their programs.

among the fall semester's offerings are the following:

So 125, Kids and Kin: The Social Organization of IChildrenring SS 128, Colleges: An Overview SS 17, Educational Psychology as a Folitical Force SS 165 (LC 165), Social Development and Developmental Paradigms SS 192, Ilementary School Science Northhopp

SS 260, School and Society LC 223, Piaget: Theory, Research, and Educational Applications LC 240, Child Language Development

Depending on individual concentrations, students are also en-couraged to select courses from Language Studies, Cognitive Studies, and Family Studies. Other combinations can be designed on an individual basis.

FOREIGN LANGUAGES/ LANGUAGE STUDIES

Faculty: Mark Peinstein, Mancy Frishberg, Paloma Carcia-Bellido, James Gee, Leonard Click, Frank Holmquist, Robert Marquer, Raymond Pelletier, Hedwig Rose, and Janet Tallman

Hampshire College has no special foreign language departments, although instruction in French and Spanish is offered at the introductory and intermodist levels through intensive courses Profitiency in a foreign language alone cannot be presented to

fulfill a divisional requirement in any of the Schools. But acudents with an interest in language will find that a deeper knowledge of fored the season chance their work in many season chance their work in many season bilingual phicultural saudies, in particular. In addition to the regular foreign language instruction, the School of Language and Communication plans, in the future, to receive in the above disciplines in a foreign foreign course in Speath on the graph of the course in Speath on the graph of the season of the course in Speath on the graph of the course in Speath on the linguistic conflict in Quality.

Courses in other languages and foreign language literature courses are available through Five College cooperation. Some examples: Chinese and Japanese, as part of the Five College Asian Studies Program; Creek and Lettin Commante languages, including Danish, Dutch, and Svetinin; Slavic languages, including Danish and Polish; and Romance languages, including Italian and Polish; and Romance languages, including Italian and Portuguese.

The main suphasis of language study at Hampshire, bowever, is on the linguistic and social phenomenon of bilinguists and biculturalism, and on the interactions of the interactions property of the study of the language speaking group, in an attention of the property of the study of the study

In this country, the experience of Hispanic bilinguals is most directly relevant; hance, Spanish Language and culture are often focal points of courses in the groups. But courses size deal with the complex limitatic experiences of other multi-cultural societies and canada, India, Belgium, Chica, Nelaysia, the Soviet Union, South Africa, New Colines, Norway—as well as the role of Black and Native American bilingualism and biculturalism in the Uniced States.

and biculturalism in the United States.

Although competence in a perticular language is not a requirement of the groupes, sumple opportunities are available for sent of the groupes, sumple opportunities are available for students to develop their foreign language skills, perticularly students to develop their foreign languages exitle perticularly as from the perticular to a close examination of marketey of other languages, and a close examination of search of the course of the competition of the course of the cour

Racent courses which pertain to this area have included:
"Silingualism", "Gootolinguistics", "Black Regists",
"Literature and the Black Assethetic", "Mananity: An
authropological Perspective", "Interpreting Other Cultures",
"Ethnography", "The Spanish Language", "American Sign
Language", and "Moman Language,"

Engages, and These Lengages.

Students can design concentrations on the social implications of bilingualizes among Portuguese-American children; anthropological and linguistic problems of translation; sociolinguistic ampets of aducating bilingual Puerto Rican children; and the relationship between language, psychology and culture, among others. Hany good facilowork opportunities exist in bilingual communities throughout the country, and several students have found placements in schools and social agencies in these communities.

Students interested in exam work, concentrations, or general information about the program should see Mark Feinstein, Assistant Professor of Language Studies.

rses and faculty relevant to the program ere:

Courses	and faculty relevant to the program	are;	
ıc III	Bilinguelism	Feinstein Peinstein, C	
LC 171	Language, Culture and Society	Gee	~
LC 177	Linguistics and Literature	Hiller	
LC 216	Communications in Everyday Life	Peinstein, C	
LC 226	Theory of Language:	Scillings	
	Linguistic and Psychological Perspectives		
LC 228	Workshop in Conversational	Tellmen	
LL 220	Analysis		
	Intensive Elementary Spanish	TBA	
LC 115		TBA	
LC 130		Marquez	
HA 148	Caribbean	•	
HA 221	The Intellectual and Social History of Spanish America	Marquez	
		Mahoney,	
SS 125	tion of Childbearing	Yngvesson	
	tion of Childrenning	Hogen	
SS 223		Hogen	
	Society		

WILDERNESS BRIDGE BUILDING RA 119

RECREATIONAL ATHLETICS	_
SHOTOKAN KARATE (BEGINNING) RA 101	Marion Taylor
INTERMEDIATE SHOTOKAN KARATE 11 RA 103	Herion Taylor
ADVANCED SHOTOKAN KARATE. RA 104	Marion Taylor
AIKIDO	Marion Taylor
RA 105 HATHA YOGA (BEGINNING)	Georgia Noble
RA 106 HATHA YOGA (CONTINUING)	Georgia Noble
RA 107 TAI CHI CHUAN (BEGINNING)	Paul Gallsgher
RA 108 TAI CHI CHUAN (CONTINUING)	Paul Gallagher
RA 109 PHYSICAL PITNESS CLASS. (THE EXERCISTS)	Renate Rikkers
PHYSICAL PITNESS CLASS. (THE CAERCISTS) RA 111	Andrea Wright
PENCING RA 112	WIII HOUSE
TOUCH FOOTPALL AND OTHER FIELD SPORTS RA 113	Kate Stanne
WOMEN'S FIELD HOCKEY RA 114	Kate Stanne
NEW GAMES AND CAMES INVENTING	Kate Stanne
RA 115 KAYAK ROLLING AND POOL KAYAKING	Carol Fisher
RA 116 BEGINNING WHITEWATER RIVER KAYAKING	Carol Fisher
RA 117 ADVANCED WHITEMATER KAYAKING	Carol Fisher
RA 118	

Derrick Elmes, Carol Pisher, Jay Evans

SHOTOKAN KARATE (BEGINNING) RA 101

Marion Taylor

Shotokan Marate is an unarmed form of self-defense developed in Japan. It arresses the use of belance, timing, and coordination to avoid an attack and effective means of counterstack to be used only if necessary. The beginning course will cover: these methods of blocking, purching, Miching and an entire of the basic sperring and basic bata, the proposed of equance of techniques simulation defense against multiple opponents.

Class will meet on Tuesdays and Thursdays from 2:30-4:30 p.m., in the South Lounge, RCC.

Five College students will be graded on a pass/fail basis and must negotiate credits with the instructor before finalizing them with their registrars.

INTERMEDIATE SHOTOKAN KARATE II

Merion Taylor

This course is for students who have completed RA 101 and RA 102, or the equivalent.

The class will meet Tuesdays, Thursdays, and Sundays from 7:00-9:00 p.m., in the South Louinge, RCC.

ADVANCED SHOTOKAN KARATE

Marion Taylor

This course is for students who have attained the rank of brown belt or black belt.

Class will meet Sundays and Hondays, 4:00-6:00 p.m., in the South Lounge, RCC.

Marion Taylor

Athido is a Japanese form of unarmed self-defense having no offensive capabilities. It depends for effectiveness on the defender maintening his own behave while redirecting the opponent's attack no behave, while redirecting the opponent of attack to be forled, the opponent to be opponent of attack to be forled, the opponent to be helped to the ground of the opponent to be helped to the ground of the opponent to be helped to the conting fall shooth front and rear; sethods of leading the opponent of behaves and into falling; types of pins, and ways to pain release from various grabbing or holding attacks.

All students will meet Mondays and Wednesdays, 11:00 - 1:00 p.m., in the South Loungs, RCC.

Five College students will be graded pass/fail.

HATHA YOGA (BEGINNING)

The beginning class will cover learning and practice of basic breathing mathods and postures. Buphasts will be placed on developing a healthy and supple body.

Class meets Hondays from 2-3:15 p.m., Center Room, Donut IV.

HATHA YOCA (CONTINUING)

The intermediate class will continue with postures and breathing exercises of more advanced levels. There will also be a greater emphasis on meditation.

Class will meet on Mondays from 3:30-4:45 p.m., Center Room, Donut IV.

Five College students will be graded on a pees/fail basis and must negotiate credits with the instructor before finalizing them with their registrars.

TAI CHI CHUAN (BECINNING)

Paul Gallagher

Tei Chi Chuan is a "moving meditation". Although at advanced atages the forms might be used for self-defense, sarly learning of the forms is rather more for health, centerdness, fluidity and understanding the principles of the ancient Chinese classics.

The class will meet on Mondays from 6:30-7:45 p.m., South Lounge, RCC.

Pive College students will be graded on a pass/fail basis and must negotiate credits with the instructor <u>bafore</u> finalizing them with their registrars.

TAI CHI CHUAN (CONTINUING)

Paul Gallagher

The continuing class will meet on Mondays from 8:00-9:15 p.m., South Lounge, RCC.

Five College students will be graded on a pass/fail basis an must negotiate credits with the instructor <u>before</u> finalizing them with their registrars.

PHYSICAL FITNESS CLASS (THE EXERCISTS)

Renate Rikkers and Andrea Wright

This course is designed to promote good health, flexibility, cardiovascular efficiency and a sense of well being. Individual exercise programs and appropriate diet are considered on an individual basis.

Class will meet on Tuesdays and Fridays, 12:15-1:15 p.m., in the Robert Crown Center. A non-credit course, free to Hampshire students but fee funded for staff and faculty.

PENCING

Classes in both beginners and experienced fencers. No experience necessary; beginners are especially welcome. Basic equipment is provided.

A non-credit course that meets two evenings per week in the Robert Grown Center.

TOUCH FOOTBALL AND OTHER FIELD SPORTS

Will Weber

This course will cover the skills of touch football and accreagies of the game. We will also experienct with the various rules that touch football may be larged under, in an effort to find what rules beer suit. Beas. The main emphasis will be to play football sand have tun. Other field sports (such as speed-ball, flickerball, and speed-a-way) will be played

occasionally to familiarize people with more uncommon field sports.

The class will meet on Tuesdays and Thursdays from 1:30-3:30 p.m. This is a non-credit course. The first meeting will take place in the gym, Robert Crown Center.

WOMEN'S FIELD HOCKEY RA 114

Vata Stanne

The purpose of this class will be to get women involved in playing and improving their field hockey. Beginners to experienced players are velcome. We will be playing the game (with some conditioning built in). For those people interested, we will also be ocheduling games with other schools.

This is a non-credit course. No registration is required. Classes will meet on Mondays and Thursdays from 4-6 p.m. The first meeting will take place in the gym, Robert Crown Center.

RA 115

Kate Stanne

New Commes is a catch-all title used in recent years to silude to an alternative supreach to the nature of interpersonal record in general two supreachs to the nature of interpersonal retine games and sport. By redirecting the attention of the contestant many from winning and from team identification, New Commes to moover the oft-neglected virtues of play and inventiveness. Many New Commes are quite old; some are highly competitive; some are hypically active, some see hypically see hypica

We will be creating games as well as playing others and we say change or alter the rules of these games to suit the need of the class. We will explore the philosophy behind play, ga-sports, and athletics, to gain an understanding of how Hes-Cames (as well as treditional ones), fit into these various categories, but never so much as to turn it into a classroom thing.

The class meets Fridays from 1-4:00 p.m. for as long as people are interested. There is no limit to the enrollment.

KAYAK BOLLING AND POOL KAYAKING

No experience required. Learn how to caking roll (rip a kayak right side up after capairing), strokes, maneuver in sizion gates, watch yourself paddio on the Moby paddioboard, play kayak polo, etc. Class will near Wednesdays from 3-6 p.m. in the pool, Robert Grown Center.

ARCHINING WHITEMATER RIVER KAYAKING PA 117

Carol Fisher

No experience required except swimming shility. Learn the fundamentals of kayaking -- atrokes, rescue maneuvering -- at vell as basic whitemeater skills -- eddy turns, ferrylang, bracing, river reading, rescue, swimming, surfing, safetor, outputting, safetor, on Thursday, in the pool from 10:30 to 1

Pive College students met bave instrument

ADVANCED WHITEMATER KAYAKING

Carol Fisher

This class is for people with whitemeter and sektimo roll experience. You will learn and perfect advanced whitemeter techniques on class will seather. River trip will seet on Thursday until November 16. After Thunksgiving vacation class will seet in the pool from 1-3 ps. Permission required from instructor. Neet at the Robert Crown Center.

Five College students will be graded pass/fail and must have permission of the instructor <u>before</u> finalizing them with their permission registrers.

4

WILDERNESS BRIDGE BUILDING Derrick Elmes, Carol Fisher, Jay Evans

This class will design and build a variety of natural log bridges. Both simple and elaborate bridges will be built over the 12-15 mbble Brook crossing on the Outdoor Fitness Trail is a 1.6 mile trail through the Hamphitz woods with 20 exercise startons. It is also a cross-country ski trail, nature trail, after a trail bridge are badly needed to exercise startons. It is also a cross-country ski trail, or the provide a much smoother trains back erosion. Bridges are being provide a much smoother running and cross country ski trail.

Participants will learn how to construct wilderness bridges and safe use of the tools, such as the chainsaw and adve. Prerequisites: willingness to work.

Class meets Tuesday, 10:30-11:30 a.m. (organizational meet tentative time). Work meetings to be arranged a- at least three hours/week.

Reference text: Trail Construction and Maintenance, Appalachian Mountain Club, 1976.

OUTDOORS PROGRAM

The Outdoors Program is a voluntary, co-of alternative to com-pulsory physical education and intercollegiate team sports. In the first six years of its existence, it has offered students extensive opportunities to learn mountainering, rock climbing, and other outdoor skills, with an orientation cowerd student and scaff-initiated expeditions and trips. Surplement and errange-ments for cross-country skiing, snowshocing, backpacking, blking, caving, cannoting, winter camping and orienteering have been made continuously available.

The Namphire Outdoors Program tries to give special emphasis to integrating outdoor and physical learning experience with the rest of college and life. Programmatically that means the Outdoors Program collaborating with Empahire faculty, staff, and students in omposing courses (a possible example: a camoe trip down the Connecticut River as a part of "The American Literary Landscape") and expanding Outdoors Program courses to include interdisciplinary offerings (like "Literature of Great Expeditions" course).

"Fusion of body and intellect" has long been a goal of the O.P. This year the Program will continue to offer body potential work in the form of mattal arts and body awareness alongside of out-door skills courses.

A third goal, to facilitate a personal experiencing of nature, will terminate into opportunities for local natural history explorations, as well as continuing to make hixing, billing, camping, cross-country skiing, sunwahooling, caving and expeditioning available to interested students.

During January Term and vacations, the Outdoor Program's major trips and appairtions occur. They have included climbing in Alaska, Vosemite, and Colorodo, canoning and backpacking in Ucah, women's trips in New Maxico, and kayaking in Texas.

The Outdoors Program energes as not a physical education department, not an anthetic program, not an outing climb, not an Outward Bound model, not a nature study program, not increasurable and not as foboul of the College. What is if? It is an attempt to open up possibilities for integrated learning of body and payche, to promote an exarteness and understanding of nature to support students in creating their own physical and outdoor experiences, and to join physical ways of learning about one-self and the world with other ways of acquiring knowledge.

Mard, Director of the Outdoors Program is an experienced mountaines who has climbed extensively in Alaska, sub-sorctic Canada and the American West. Among 26's concerns within the Outdoors Program are community involvement: and lesdership training, as well as téaching lead rock climbing and tee climbing. Ed is also in faculty associates in human development in the School of Edumanicies and Arts.

Dava Roberts, professor of literature and counteincering, is an experienced countaineer who has been on twelve Alaskan capabitions. He is also the author of The Nountain of My Tear and Deborah: A Wilderness Natrative.

Gool Pisher, keyek instructor, has been the national champion is wildester keyeking for five years. Her other interests lie is the areas of nutrities, physical fitness, environmental marrents, running, and scology.

meareness, running, and scology
Balph Lutte, naturalist in the Outdoors Program, and visiting
assistant professor of spatromental studies in the School of
Natural Science, received his B.A. in the School of Science of

understand our snivioussels are the ductions Program traff after com-pleting her graduate work in counseling spychology and feminiat studies. The is working with mordoor ladership training, group dynamics, backpecking almost language trips, community involvement and in using the wilderness as a safe and supportive smitrodment for growth. David Roberts

TOP ROPE CLIMBING

TOP ROPE CLIMBING FOR WOMEN OF 108

Lynn Cullen Lydia Rackenberg Judy Greenberg Ed Ward

TEACHING SKILLS AND LEADING GROUPS IN THE OUTDOORS OF 118

A SENSE OF SELF: WOMEN AND WILDERNESS Judy Greenberg

CONTINUING TOP ROPE CLIMBING OF 130

THE HISTORY AND LITERATURE OF MOUNTAINEERING OF 131 David Roberts Ed Gard

SMANE'S, MARSHES, AND BOGS

Ralph Lutts

TRA

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Carol Fisher

Ed Ward

PRACTICUM IN ENVIRONMENTAL EDUCATION #1 Raith Lutts
OF 215
Candace Julyar
Score Steame · .

PRACTICUM IN ENVIRONMENTAL EDUCATION #2 Raigh Lutte

ALL THE THINGS YOU WANTED TO DO AT LEAST ONCE (BUT PERHAPS NOT TWICE) OP 235

LONG DISTANCE RUNNING OF 261.

TOP ROPE CLIMBING

Mis course will teach people how to rope climb safely and will introduce them to several of the local climbing areas. We experience is needed . Permission of instructor is required. Class meets Friday aftermoons from 1:00-5:00pes. Sign up at the 00 office.

Five-College students must negotiate credits with the instructor before finalizing them with their registers.

TOP ROPE CLIMBING FOR WOMEN

Lynn Cullen & Lydia Rackenberg This class is destined for women who have no climbing experience as well as for chose who have climbed before and wish to continue the proper climbing. The service of the climb safety and will tarehunden the climb safety and will interduce the women to an attempt to eliannate one core factor that the content is an attempt to eliannate one core factor with the content is an attempt to eliannate one core factor climbing the content is the content of the content was the content when the content was the content was the content when the content was the content

Time: Tuesdays 1:00-6:00

Class limit: 10

TEACHING SKILLS 6 LEADING GROUPS IN THE OUTDOORS op 118

Judy Greenberg & Ed Ward

mudy urennerg a so ward

Mis course is for people who are interested in teaching or
leading achool or community groups and already have skills in
at least one area such as canoeting, backpacking, or cleshing.
The course will meet twice a week with the Monday seasons
deworded to developing teaching/leading skills througherspecific
exercises. The Wednesday seasoid will be from the contract of the deservation of the first condense. In
addition to the class sension students of the sequences, in
addition to the class resinons students to the expected to
lead or fiely lead at least two dwort safetying that secentar,
and to participate in one long the instructors and is licited
for 12. The class will seet on Wondays from 1:00-3:00, and on
Wednesday from 1:00-5:10. The class will end at Thankagiving.

A SENSE OF SELF; WOMEN AND WILDERNESS

Judy Greenberg

This course will be divided into 3, month long modules. Students may take one, use, or all three parts. Each module will have a weakly group secting and a 3-d day witlerness experience; the first being a came trip, the second and third will both be backpacking. Second trip, the second and third will both be backpacking. Seems of our own personal histories: Bodule 1, will rotate a, frowing up female the each of our unique and backgrounds. How have we been effected by fastiliar stationships, cultural prohibitions? What do we carry with us ad hold onto now, as part of ourselves? Module 2, will deal with body and self inage, how it has evolved and developed and what were/are major influences. How do we

relate to our physical selves, how do we define femininty and strength? What do we physically expect and what degree of competence do we altow ourselves? Module 3, will look at change: What is involved in changing behaviors, enotions, the body. How can our goals and expertations support who we are, rather than frusted and expertations support who we are, rather than frusted support who we are. The control of the control of

Time: Tuesdays (1:00-3:00 Class limit: 12

CONTINUING TOP ROPE CLIMBING

This class is designed for people experienced in top rope or lead climbing who wish to concentrate on expanding their mwarenesses on the rock. We will attempt to work on concentration, balance, the ability to evaluate a climb before climbing, tho to pick out a route and on yidenings one is wisions in the field and on the climbing out chrough a series of the state of

: THE HISTORY AND LITERATURE OF MOUNTAINEERING

Dave Roberts & Ed Ward

Dave Roberts 6 Ed Ward

The goals of this course are threefold: To give a coherent overview of the history and development of mountain climbing; to identify and of mountainering literature; and to work with story and the course will be organized around a series of topics in both history and literature, including the following:

History

Histor

the intionates and another in the interpretation of the interpreta

The course will meet Friday from 10:00-12:00. Open enrollment (no particular climbing experience necessary).

SWAMPS, MARSHES, AND BOGS (part of NHCRV)

Ralph Lutts

Raiph Lutts

There are beaver living just two or three miles away from the Hampshire campus! Our drinking water comes from a swamp! 'My water shall be a state and local governments trying to pres "n verticads," When was the last time you got friendly with a carnivorous plant? Let's spend some time examining the lush swamps, marshes, and bogs four region.

This six week mini-course will focus upon a study of one, of our local verticads. We will survey the different kinds of verticads in our area, select one for our study, and design of verticals in our area, select one for our study, and design of the state of

PRACTICUMS IN ENVIRONMENTAL EDUCATION

Ralph Lutts, Candace Julyan*, Steven Stanne*

Raiph Lutta, Canadec Julyan, Steven Stanner

The Hitchcock Center for the Environment can provide a veriety
of opportunities for students who wish to gain teaching
experience in environment of the standard of the standard

PRACTICUM IN ENVIRONMENTAL EDUCATION #1

OP 215 FRACTICUM IN ENVISORMENTAL EDUCATION \$1

These are activity oriented field trips to local conservation areas, which are conducted for Amberst area elements' schools. The progress will give you an opportunity to make the progress will give you an opportunity to assure the children, become femiliar with environmental consecution assured to a previous experience to recommend the consecution of authorization and the previous experience to recommend the consecution of a conse

PRACTICUM IN ENVIRONMENTAL EDUCATION #2

OP 216 PRACTICIM IN ENVIRONMENTAL EDUCATION #2

Individual Project (read intro paragraph in OP 215)

The Hitcheok Center can provide a variety of learning opportunities on the Div. II & III levels for students with commitment and experience in environmental education. The provides a variety of learning from teaching on a "one-shot" basis to the deceasion. The provides of the prov

ALL THE THINGS YOU WANTED TO DO AT LEAST ONCE (BUT FEERAPS NOT THICE) AP 235

In this course we will be trying out a whole gamust of outdoor pursatts, to compare what you like and dislike and to get
to know some good spots in the vicinity.

Inch Nednesday, afternoon we will set add for one of the areas
prime rivers, woods, bectrowals

for the contract of the areas

of orticoccular, woods, bectrowals the one perficular pleasures
of orticoccular, contract on the perficular pleasures
of orticoccular early of the contract on the perficular pleasures
of orticoccular early or components. There will be two or three
overnights as well - probably beckpacking or kaysking.
Frequently someone who is deeply involved in the persuit of
the day will come slong to provide a glimps of the kind of
the day will come slong to provide a glimps of the kind of
the supplies of the woods they find and the suftrounding traditions. People who have absolutely no strong
fifter priority. People who are and on equipmentled in one or
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· IONG DISTANCE RUNNING OP 261

Carol Fisher

Carol Fisher

Ever had even the slightest inkling of an idea about whether or hely you could run a furathon, 5 mise. 15 miles? Well, here's the chance to give a furathon, 5 mise. 15 miles? Well, here's the chance to give the chance to make the chance to make the chance of the chanc

FEMINIST STUDIES

Although Hampshire does not presently have a formal feminist studies program, a number of faculty members are willing to help krudents with acedemic work in this field:

Rumanities and Arts

Sally Allen
L. Brown Kennedy
Jill Levia

Language 5 Comminication
Language 5 Comminication
Language 6 Comminication
Language 7 (AY 78-79 UV)
Language 7 (AY 78-79 UV)
Language 7 (AY 78-79 UV)

Natural Science

Nancy Goddard Saundra Dyewole Janice Raymond

Related courses for Fall Term 1978 are:

Related courses to:

MR 125 (OP 127), A Sonse of Self: Women and Wilderness
MS 226, "Eco-Feminism": An Ethics of Ecology and Peminism
SS 114, Economic Perspectives on Women
SS 280, Women in Socialist Societies: Thoory and Practice |
IN 302, Women in the Arts
IN 310, Alternative Life Styles/Sexual Prerogatives of Bibliogy
Women in Today's America

ENVIRONMENTAL STUDIES AND PUBLIC POLICY

Allen Krass - Faculty Coordinator

The ol otives of the ESAPP program are to encourage student interest in environmental and public policy issues and to provide apport for individual and proper research activities in these areas. In past the scolegy of the Hollyoke Renge, research need to the projects as a content to the program has aponenced such the projects as collected to the projects as the projects are collected to the projects as the projects are collected to the project as the project as a collected to the project and project and project as a study of community design and project projects and projects are projected to the content of a farm adjacent to the

The program operates out of the ESAPP reading room and sowing center in Cole 313. In this room is a well supplied and growing ilberty of research materials such as journals, books, government reports. The office is tatified by students who double as advisors for people who would like to become involved in evalutionmental issues either in scademic or activist roles. ESAPP has maintained close contacts with such local consumers and environmental organisations as Mess. PIRG and the Alternate Energy Coslition. The program also sponsors lectures and colloquis by outside speakers as well as Mampshire faculty and students.

In the past ESAFP has had a strong identification with the School of Matural Science. In recent years, however, substantial programs has been made in broadcrains opposed the programs in treets to encourage of projects of the chools of the contract of the

Related courses are:

IM 125 (OP 127). A Sense of Self-Women and Wilderness
NA 136, The Man-Made Environment
NA 136, The Man-Made Environment
Na 55, Dovironmental Design Studio
10 186, Arcificial Intelligence and Natural Man
10 183, Man Media and the State
Natural Color of Col

NS 175, Topics in Cancer Research
NS 226, "Deo-Feminism" in Lichten of Ecology and Feminism
SE 239, Pactory in the Field - lequiry Seminar in Natural
Science and Social Science
NS 265, Topics and Social Science
NS 265, Topics Cognition and Empire
SE 216, Oppitalism and Empire

ESAPP also sponsors the Student Environmental Series. These weekly seminars are a form in which students present work and ideas related to the netronsent. The usual forms is an in which a student or group of students present work done at learning the or the students of the students of the students present work done is learned to the students present work done to leave. Often this work is part of lowision in or lil cases. The series has been especially

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valuable in bringing together students with interests in all aspects of our environment.

All are velcome to the seminars which take place Honday evenings, 7:30 p.m., in the KIVA. People interested in presenting work should contact ESAFF.

WRITING AND READING IMPROVEMENT PROGRAM/ WRITING AND READING LABORATORY

Offers assistance in the areas of vriting, reading and study skills. Help may be either individualized or group, short- or long-term, and is based entirely on the needs of the individual student. Some students cause once for help read to a spect of paper on, while actil others come on a regular basis of casistance in basic skills actil others come on a regular basis for assistance in basic skills, set. Similarly, work with reading (comprehension, retention, speed) and study skills may be quarter to long-term, and a program is constructed according to he needs of the individual student.

The muck-tals in the lab provide students the opportunity to work at their own pace on self-guided materials in the areas of greener, bygling, composition, reading comprehensived recention, study skills, etc. For calling comprehensived variable to make the self-guided materials as a self-guided materials would be self-guided by the self-guided materials as waitable to make the self-guided materials as waitable to make the self-guided materials are self-guided materials. For a self-guided materials are self-guided materials are self-guided materials as a self-guided materials are self-guided materials. For a self-guided materials are self-guided materials are self-guided materials and self-guided materials of the self-guided materia

Contact Deborah Bacal, Director of the Program, for appointments and additional information. Her office is located in Dakin House (D104) and her extension is 531.

In addition, this year the following course will be offered by Georgia Sassen:

Supportive Editing

Students who are having crowlle with writing can often improve their skills by getting comething—anything—down on paper and working on it. The process of making what comes out the first time into readable, logical prose is really an editing process applied to one's own work. This course will bring together students who went to improve their writing, as well as chose who are good writers and eithers but want to learn to edit in a new way which includes teaching and supporting. For these with some editing experience, this will will look into what went cannot be considered to the writer and broaden the constant of the constant course of which we will be comediated to the writer Kim/herself as much as possible.

Evaluation of our progress as a group will include the progress made by the editors as well as the improvement in the skills of the writers. Writing assignments will include both work that students are preparing for other courses or examinations and special exercises.

If you would like further information on the above course, con-tact Georgia Sassen in the Options Office.

Library Work: The Reference Librarians and other members of the Library Center steff give assistance to individual students and work with the faculty to develop special intervetion units on such typical research problems as leastion of sources and notectains. Contact Susan Days II.



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FIVE COLLEGE APPOINTMENTS ,

JOHN J. COMMAY, Professor of Canadian History (at the University of Massachusetts-Amberst, under the Five College Program).

1. betweenty. History 297c. CAMBOIAN FOLITICAL TREAMY IN
HISTORICAL PRESENCTIONS. The development of Canadian political
theory since 1761. Farticular emphasis on contrasting the
corporate and Burken views of political and society which
prevails in Canada with the individualist Lockean views that
have prevailed in the butted States state. (1) contemporary
tion and before
political philosophics and systems: the American and the
Camadian, (3) the origins of Quebec separatism, and (4) a case
study in Canadian corporatist political philosophics.

2. Interestity, Nistory 291, 20TH C. CANNAM. Canada's emergence roce colonial status in 1900 to destinon status in 1926 to independence within the British Commonwealth of Nations in 1931. Examination of Canada's participation in the two world were and the effects of the spaticipation on the country. Perticular concern for the interest rest of the country, the province of Quadretic movement in Quebec, the victory in that province of the Partic Quebecots and the possible disintegration of the Country tube to the possible disintegration of the Country with the effects such distinguation might have on the political geography of North America.

J. MICHAEL RHODES, Associate Professor of Analytical Geo-chemistry (at the University of Massachusetts-Amherst, under the Five College Program).

Ibiversity, Caology 500B, ANALYTICAL GEOCHEMISTRY. Study
of analytical techniques. Rephasis on the capabilities of
and outperformers of the capabilities of
and outperformers of data analysis. Prerequisites: mineralogy,
petrology, and elementary college chemistry; or permission
of the instructor. FIRST SPMSTER.

INDIRA SHETTERLY, Assistant Professor of South Asian Studies (at Amberst College, under the Pive College Program).

12. Ambryst College, under the Five College Frograms.

1. bhyeratty, Asia Studies 197A. ELENDYARY SANSKHI I. Introduction to the classical language of India, as Indo-European language closely related to latin and possessing texts pre-desting indexe (Sil Discovery College of the State College of the State Pre-desting indexe (Sil Discovery College of the State Pre-desting index (Sil Discovery College of the State Pre-desting index (Sil Discovery College of the State Co

3. Daivereity, Comparative Literature 106 (Chinase 106), ASIA THROUGH LITERATURE: CHIMA, JARRA, 1892A: Latroduction to the civilizations of China, Japan, and India through the mesteryorks and film. Now Asian vorid views, assentite experiences and religious values, and ideas of saif and society contrast with those of the West. Turn 13004-100, with professors Lucia Militer and Villium Naff, TIET SEMESTER.

4. University, Asian Studies 1978, ELEGENTARY SANSKRIT II.

FACULTY SCHOOL OF HUMANITIES AND ARTS

Josephina Abedy, assistant professor of theatre arts, holds a B.S. in speech and theatre from Syracuse University and an M.P.A. in directing from Florids State University. She has taught theatre arts at Florids State and at several New England schools, most recently at Bennington College in Vermont.

Sally Allen, sesistant professor of cultural history, received her B.A. and M.A. at the fluversity of Kantoba and did her Fb.D. sork in reastsance history at the University of Forosto. Her teaching interests include the areas of art history, feminist literature, psychohistory, and the remaissance occult tradition. She is currently at work on a study of remaissance alchaetical iconography and is a frequent reviewer of books in numerous scholarty journals. She is also director of cultural programming at Hampshire.

William Arnold, visiting associate professor of photography, holds a B.A. from San Francisco State College and an N.F.A. from the San Francisco Art Institute. Be has taught photography at various colleges and was until recently chairmen on photography department at the Frat rescently chairmen on the photography department at the Frat Institute in New Yor

John Bosttiger, associate professor of human development, joined the Hampshite planning staff in 1967. His principal teaching and verting impacts of the family, spychonasilysts and spychotherapy, and self-reflective disciplines of personal growth. He has taught at Ambrest College from which he has a B.A. His clinical training and Ph.D. are in psychothogy and psychotherapy, and he maintains a small private therapy practice in Northmepton.

Raymond Kenyon Bradt, assistant professor of philosophy, although mainly a scholar of the western philosophical tradition, is also outstanding in Esseron Studies scholarship, be holds a B-A, in philosophy and an M-A. in theology from Notre Dame as well as an N-A. in philosophical theology from Yale University where he is currently a candidate for a Ph.D.

Marry Coldensohn, dean of humanities and Arts and associate pro-fessor of literature, holds a B.A. in philosophy from Cherlin Collega and an H.A. in Literature from the University of Miscon-sin. His poetry has been widely published in collections, periodicals, and anthologies. He has taught creative writing at several collegas and universities, most recently at Coddard collega where he was also director of the graduate programs.

Craham Cordon, assistant professor of human development, sarued his A.B. in mathematics at Southwestern College in Namphis and an N.Div. at the Louisville Presbycerian Smitnary. He ready at the Pickling West of the University of Edinburgh, Scotland. He is also co-mester of Dakin House.

Linds Cordon, assistant professor of human development, holds an A.B. in psychology from Adelphi University. Frior to coming to Hampahire, whe was associated with South immetro College on Long Island, where she worked with experiential schession groups. She shares the mastership of Daini House with Grahms Gordon

Van R. Heisey, Jr., deen of admissions and associate professor of American Studies, was associate director of admissions at Ambarat Collega from 1995 to 1989. His special interests include teacher training and the production of new history materials for secondary schools. His B.A. is from Rutgers University and his Ph.D. from the University of Panasylvania.

Arthur Hoens, professor of design, was formerly chairman of the design department of the Massachusetts College of Art. He hold a S.F.A. and M.F.A. from Yelle University and a certificate from Cooper Union (n New York City. His aculpture and design work have been widely exhibited, and he has served as graphic design consultant for the Boston Society of Architectus and the Boston Architectural Center.

Clayton Hubbs, assistant professor of literature, is interested in modern drams, oventiath-century Anglo-American literature, and algheenth-century English literature. He received a S.S. in journalism from the University of Missouri at Columbia and a Ph.D. from the University of Meshington.

Joanna Hubba, assistant professor of history, received a B.A. from the University of Missouri and a Ph.D. in Russian history from the University of Washington. She is fluent in French, German, Polish, Russian, and Italian.

<u>Bisenor Huston</u>, visiting assistant professor of dance, has a master's degree in dance from Smith College where she has taught modern dance and gymmastics. She has been associated with the Five College Woring Company as a performer and choreographer. She has also served on the board of directors of the Bance Circle of Boston.

Thomas Julin, visiting assistant professor of film, holds a B.A. in photography from the University of New Emphitre and an H.F.A. in filmsking from the Rhod Island School of Design. He has twice won awards from the National Endowment for the Arts for his work in film deducation.

Norton Juster, professor of design, is a practicing architect, designer, and writer whose books include the Phantom Tollbooth a children's fantasy, and The Dot and the Line, a mathematical fable made into an Academy Amerd-winning anisated file. His B.Arch. is from the University of Pennsylvania, and he studied at the University of the Service of the Service of the University of the Service of the University of Pennsylvania, and he studied at the University of Liverpool on a Fulbright scholarship.

M. Meyne Kremer, essistant professor of theatre arts, comes to Remphilto with fifteen years experience in theatre arts-training, tochiding eleven years in the production of black dream and ort-ginal scripts. He has also served as a design consultant in alternative design modes for theatre. He holds a R.P.A. from the University of Texas and an M.P.A. from the University of Oklahoma both in dreams.

Louise Brown Kennedy, assistant professor of literature, is terested mainly in the Renaissance and the seventeenth centure with particular emphasization stretches and Jacobean drama, Shakespeare, the activities of posts, and Milton. Sha receiv a S.A. town buck understry and an M.A. from Cornell where a is a cantidate for a Fh.D.

Sare Lennox, visiting assistant professor of humanities, re-ceived her Ph.D. in comparative literature from the University of Visconsin. She presently holds a position as sasistant pro-fessor of Cerman at the University of Messachusetts. She is a member of the editorial boards of Hew Cerman Critique and the Maisachusett Haviau. Her areas of interest include Marxium, femninam, and literary theory.

"Ill Lewis, assistant professor of humanities, holds a B.A. from Northan College, Cambridge, England, and is presently pursuing a Fib. at Cambridge University: She has been vary active in the Women's Liberation Howement in Britatio and Franco. Ms. Lewis will teach courses in literature and cultural history at Mamp-

Jarone Lighting professor of film studies, has produced several samed-winning films and has exhibited at the Mussem of Modern Art, George Seafmain Slower, and other museum. Sie has taught at the University of Hinnsects and State University College at New Paits, New York

Richard C. Lyon, professor of Eaglish and American Studies, chairms of Pids American Studies out colours at the three chairms of the American Studies out to the College. Be bother at the three chairms of the College. Be bother at the College. Be bother

Robert Marques, essociate professor of Hispanic-American liter sture, has worked for the Morit Municerity Service in Faru and Veneziela. With the Commission of the Commission of the Commission of Farina With the Commission of the Commission of the Commission of Latin American poetry. He holds a S.A. from Brandsis and a Ph.D. from Narvard.

Elaina Mayes, associate professor of film studies, has a B.A. in art from Stanford. She did graduate study in painting and photo-graphy at the University of Minnesota. Her photographs have appeared in any achibitions and publications. Professor Mayes will be on leave during the Fall Term.

Francia McClellan, assistant professor of dance, received a B.S. francia mcClellan, assistant professor of dance, received a B.S. in dance from the Justification School of Music and an M.Ed. from the University of Nassachusetta. She was a member of the Joan Kerr Dance Company and the Anna Sokolov Dance Company; whe has also assisted Jose Limon. She is a cartified teacher of Labanotation and Effort/Shape Novement Analyst. She has reconstructed several works from Labanotated scores. In addition to being a dancer and chorographer, Francia has studied sensory awareness with Charlotte Selver.

Randall McClellan, associate professor of music, received his B.M. and M.M. from the University of Cincinnati and his Ph.D. from the Eastman School of Music. Me has taught music theory and composition at West Chester State College, Pa., where he was also director of the electronic music studio, an active composer performer of orchestra, inchestyle of Morth India. He is an ortification of "sound swareness training" about which he has written a book, They Goundless Sound. His current studies include sensory awareness? "Ath Charlotte Sciver and the music of non-Western cultures. His music is published by Western International Music and by Scessor Music Press, and his electronic music is available on Opus One records. Professor McClellan is founder and director of the New Arts Foundation.

Robert Meagher, associate professor of philosophy of religion, has a B.A. from the University of Notre Dame and an N.A. from Chicago, this publications include Personalities and Powers, Inchonings. Toothing Stones: Rethinding the Political, and Cave Notes. He than Laught at the University of Notro Dame and at Indian Diversity.

Joan Bareley Murray, assistent professor of art, holds a SA. from Hampshire College and an M.A. in painting and color theory from Coddard College. Her work to the color theory from the color of the showing at Coddard. She had also served as guest critic and lec-turer at a number of New England collanges.

Nine Payne, visiting sasistant processor in human devalopment, attended Connecticut College for Women and graduated from Sareh Lawrence College. She is author of All the Bay Long, a collection of nursery thyms and poses for children, published by Atheness, and has conducted writing workshops for all age Soupe.

<u>Ratl Poss</u>, professor of design, holds a 8.Arch. degree from North Carolina State College at Raleigh and has been design and con-struction critic for the Prett Institute in New York City. He has been engaged in private practice since 1962.

David Roberts, associate professor of literature and director of the Outdoors rogram, holds a B.A. from Harvard University and a Fh.D. from the University of Danvar. He is the author of The Mountain of Hy Test, a book about mountain climbing, and paborah; A Wilderness Harrative.

Andrew Salkey, associate professor of writing, has published widely in the fields of fiction, non-fiction, and poetry. A Jamaican national, Hr. Salkey has also worked as a broadcaster, journalist, teacher, and Lecturar. He received his education at St. George's College and Munro College in Jamaica and the University of London.

sity of London.

Devid F. Smith, professor of English, holds a B.A. from Middlebury College and a Ph.D. from the University of Minnesota. He
has taught at Indians University, and his interens include colonial American writing, ninsteenth-century American literature
and American intellectual and religious bistory. Professor
Smith Will be on leave during the Pail Teth.

Francis D. Smith, professor of humanities and arts; a Marvard graduate, he has taught in high schools and colleges, directe federal community relations programs for Massachusetts, and h published as a sociologist, playwright, and novelist.

Roy Superior, associate professor of art, earned his B.F.A. at the Pratt Institute in New York and his M.F.A. at Yale University. We has also studied at the institute Allends in Mesteo. We has had several years of experience in ceaching tearing, patinting, university printmaking, and has exhibited his work at a number of northeastern colleges and numeums.

Eugen Terry, essistant professor of literature, has taught a Southern University.in Batton Rouge; Johnson Smith University Charlotte, North Carolina; Crembling College in Louisians; and St. Augustine's College in Raisigh, North Carolonians; has a St. Augustine's College in Raisigh, North Carolonians; has B.A. from Moward University and a Ph.D. from the University of Massachunette.

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<u>William (Vishnu) Word</u>, associate professor of music, attended Detroit Institute o' Musical Art of the University of Detroit the University of C. waschusetts from which he earned a B.A. in ethnomistology. He has gained a wide reputation for his work Afro-American music and ethnomistology. At Rampshire he is 4 cretify involved in the Residential Learning Center for the Art

SCHOOL OF LANGUAGE AND COMMUNICATION

Ellen Ward Cooney, assistant professor of psychology, holds a B.A. from Radellife College and an Ed.D. in developmental psychology from the district of reductate School of Education. She has worted district of the control intern in child psychology at the Udgested College Control intern in child psychology at the Udgested College Control intern in child psychology at the Udgested College Control intern in child psychology at the Udgested College Coll

Mark Painatein, assistant professor of language studies, has a Fh.D. in limpiration from the City University of New York. Among his special interests are phonological theory, bilingualism, implications of sociolinguistic research for a general theory of language, and macrolinguistic equipartic explanations.

Mancy Prighberg, assistant professor of linguistics, holds an A.B. from the University of California, Berkeley, and an M.A. and Ph.D. from the University of California, San Diego. She is certified as an expressive interpreter of American Sign Language and has served as an interpreter at the Maximum Interpreted and the Comment School in Waterford, Connecticut. Ms. Friehberg will be on leave for the accedency was 1778-79.

Immes Paul Com, assistant professor of linguistics, holds a B.A. (philosophy) from the University of California at Sacta Barbars and an N.A. and Ph.D. (linguistics) from Stanford University within linguistics has interests increases the property of the philosophy, his interests include spitatemology, the theory of preception, intentionality, philosophical logic, and the philosophy of language, as well as the history of analytic philosophy.

Allan Manon, associate professor of computer science, has a 3.5. from Clarkson College of Technology, and an M.S. and Ph.D. in alsortical enginetrating from Corneal University. His main research interest act in non-numeric programming, artificial intelligence, and pattern recognition. At the University of Munseoza developed courses in computing fundamentals, artificial intelligence, and higher level languages. Mr. Hanson will be on loave for the academic year 1978-79.

John Hornik, visiting assistant professor of psychology, re-caived a B.S. from Tufts University and a Ph.D. from the Uni-varsity of Illinois, Chempaign-Urbana. His main interests are in social and ecological psychology.

<u>David Israel</u>, visiting assistant professor of philosophy, earned a B.A. from Harvard, was a special student in philosophy at Christ Church College, Orderd, and has a Hp. in philosophy i from the University of California at Berkeley. He has taught are Tufts University, the University of California at Berkeley, and the University of Commention. He is interested in the philosophy of lenguage, epistemology, the philosophy of sections, the philosophy of agethematics, and twentieth century Marxiss.

Judy Kegi, visiting essistent professor of linguistics, has a B.A. in anthropology and an M.A. in linguistics from Frown University. She is currently a Ph.D. candidate in linguistics at MIT. Her research interest include the linguistics of American Sign Language, Slovenian phonology and bilinguistics, other sign languages (Vablir, Plains Indian, sign languages in India), and anthropological linguistics.

David Karr, assistant professor of mass communications, has a R.A. from Miani University in Obio, an M.A. from Vanderbilt University, and is completing his Ph.D. at Indiana University. Ris teaching experience includes courses in communication research and journalism.

<u>Deborah Knapp</u>, assistant professor of psychology, earned her B.A. in philosophy and psychology at Barnard College and her Ph.D. at the University of California at San Diego. She does research on child language and the development of introspective and problem-solving shiltitles. Her teaching interests include cognitive psychology, theory of education, and philosophical problems in psychology.

Richard Lyon holds a joint appointment with the School of Human-itles and Arts.

William Harsh, associate professor of mathematics, holds his B.A., M.A., and Ph.D. from Dartmouth, and his special interests include the foundations of mathematics and linguistics.

James Hiller, ossistant professor of communications, holds a B.A. from Western Illinois University, an M.A. from the University of Denver, and completed his Ph.D. in communication reasers at The Anencherg School of Communications of the University of Pennsylvania. He has taught_courses in communications of University of Pennsylvania. He has taught_courses in communications of University of Pennsylvania and School of Communications of Pennsylvania and School of Communications of Pennsylvania and Pennsylva

Robert Holl, visiting assistant professor of computer science, has a B.S. and M.S. in mathematics from Carnegie-Mellon University and a Ph.D. in mathematics from HII. He is on leave from the Computer, and Information Science Department of the University of Hassachusetts. His research interests include automatic programming, the manyless of algorithms, and formal models of natural language learning.

Richard Nuller is director of educational technology and assistant professor of communication technology. He has been director of instructional communications at the State University of New York Upstate Hedical Center at Syracuse. He holds a B.A. from Ambert College and a Ph.D. from Sprince University.

Ange, Misto, faculty associate in Spanish, was educated in Spain and in the United States, holding a B.A. in antiropology from Brooklyn Cyllage. He has been the director of continuous continuous and the Berlies School of Languages and Continuous of admissions at the University Without Walls at the University of Massachusetts.

Raymand Fellecter, visiting assistant professor of French, has a B.A. from Providence College, an M.A. from Michigan State University, and a Ph.D. from the University of Massachusetts.

Michael Radetsky, ensistant professor of philosophy, received a B.A. from Cornell University and an M.A. from the University of California at Berkeley where he was a Woodrow Wilson Fellow. He is working on his decirate at Berkeley. His special interests are philosophy of action and philosophy of psychology. Mr Radetsky will be on leave for the academic year 1978-79.

Stanley Stanleki, assistant professor of television, has an M from Michigan State University in educational and public television. He has been a featewision produce-drector with the Armad Forces ratio and television service in Korea. He hold joint appointment with the Library where he serves as television service to the state of the standard product. For the academic year 1978-79 Mr. Staniski will be

Meti Stillings, associate professor of psychology, has a B.A. from Amberst end o Ph.D. in psychology from Stamford. Much of his research and teaching concerns the psychology of language. He sloo has a substantial interest in other sychology of language such as memory, attention, visual and property perception, intelligence, and memoral representation, Mr. Stillings is Dean of the School of Language and Communication this year.

Janet Tallonn, assistant professor of anthropology, secsived a B.A. from the University of Minnesote and is completing her doctorate at the University of Minnesote and is completing her doctorate at the University of California at Berkeley. She conducted the California of She California of the Calif

Robert Tinker, adjunct associate professor of physics and computer aclence, holds a B.A. from Swerthmore College, an H.S. from Stanford University on an E. Rh.D. from the Massachusette Institute and the Computer of the Computer of the Computer of the Computer of the Computer School Project whose main focus is on the use of computer Sachmology in education.

Christopher Withersoom. sesistant professor of philosophy, is completing his Ph.D. at the University of California at Berkerowhere he was a Banforth Craduate Fellow and a teaching associate. Both his fees's and a book in progress are in the philosophy of perception. His other research areas include philosophy of perception. His other research areas include philosophical phylosophy of language, and the philosophy of art. He has a B.A. from Arkansas Tech where most of his work was in music and literature. He suph: at Knowylli College as a Woodrow Wilson Teaching Intern. Host of his current interdisciplinary work is in cognitive psychology and artificial intelligence.

SCHOOL OF NATURAL SCIENCE

Next Nech Averill, assistant professor of botany, received her Ph.D. from the University of Oregon, with a study of the micro-organisms that inhabit the insides of Douglas Fir medies. She has taught at the University of Oregon, the University of Grean, and California Polytechnic State University, and Mas a smajer interest in micro-oreology, a field which she has pinneared. Many beth will be on subbaciful Pail Term 1978.

mether. Remetain, associate professor of physics, received his 8.A. from Columbia, his W.S. and Ph.D. from the University of California, Son Diego, and dip non-dectoral work at the Institute for Advanced Study at Princeton. He has taught at Technico, in Haiffe, izreal, and the Institute word Theoretische Fysics in Belgium. He has consulted for numerous organizations including the World Bank, AMS, NSF, and the Budson institute. He was recently Technical Director for Volunteers in Technical Assistance in Mashington. His teaching and research interests include science and technology policy, appropriate technology, alternative energy systems, economic development, and theoretical, practical and applied physics.

Merite Bruno, associate professor of biology, bolds a B.A. From Syretuse University and a Ph.D. From Barward. She is involved in sensory naturophysiology (especially vision) and elementary school science teaching. Her work in osurophysiology has been supported by grants from N.I.B. and the Grass Foundation, and she is the author of several teacher's guides for elementary science studies.

<u>John Poster</u> - professor of biology, previously taught blochme-latty at the Boston University School of Medicine and was a director of the Science Curriculum Emprovement Program for the 85F, Be holds a Ph.D. in blochemietry from Barvard. In addition to his involvement in biochemistry and in human biology, the is interested in anateur electronics, ecology and field biology, and white water canoring.

Nancy Goddard - associate professor of biology, was previously chairperson of the department of natural science and mathematics at Vest Virginis State College. She obtained her Fin. D. from Ohio State University. Involved in reaching courses on human reproduction, health care for woman and emdetrinology, human reproduction, health care for woman and emdetrinology, human interested in field coology, human and comparest we practicularly marine biology and tropical (caribben) ecology.

Scanley Coldberg - associate professor of history of science, caught at Antioch College, was a senior lecturer at the University of Zambia, and a post-doctoral Fallow at the Saithsonian Institute. His Ph.D. is from Barvard. His teaching and research interests include physics, history of science (particularly sarly 20th century physics), science and public policy, and photography.

Courtney Cordon - associate professor of astronomy, holds a Ph.D. from the Iniversity of Michigan. Her work includes acudies at the Royal Creenwich Observatory in England, the Marvard College Observatory, who have too be observatory and the Ritt Peak Mational Radio Astronomy on the Asteriology and the Martinosal Radio Astronomy and the Asteriology activation of the Asteriology activation of the Martinosal Radio Martinosal Communication (dolphis and chimps). She is a member of the Pive College Astronomy Department, and this year is Associate Dean of Advising at Hampshire.

Nurties Cordon - associate professor of astroncey, received his B.S. in physics at Antioch College, and his H.A. and Ph.D. from the University of Michigan. His increase include time (including the philosophy of time and space), relativity axtracerestrial and animal communication, and commology. Mis research interests include galactic structure, interactilar matter and pulsars. He is a member of the Five College Astronomy Department.

Michael Cross - assistant professor of history of science, re-ceived his 8.5. in chemistry from Brooklyn College and his 7h. D. in 19th century physiology from Frincaton. Interests include the history of biology, especially evolution, physiology and medical theory, embryology, and molecular biology; history of social and behavioral sciences; actence and social bumph; and modern European social and intellactural history.

and modern European social and intellectual involve. Remneth Noffman - associate professor of mathematica, by='en N.A. (rom Harvard, where he also served as e teaching/fellow Ne was chairman of the mathematics department at Tallader College during 1997-70. In addition to algebraic number and combinatories, Kem's interests include education loading, field botany and farming. New will be on sabbatical during Spring etem 1979.

<u>David C. Kelly</u> - associate professor of mathematics, has taught at New Collegs, Oberlin, Talladegs College, and Boston University. He holds a S.M. from H.I.T. and an A.M. from Bartmouth. He has, since 1971, directed the NSF supported Hampshire College Summer Studies in Nethematics and Students to the College Students and Students to the College Students and Students to the history of mathematics, accreational mathematics, and seventeen.

Allan S. <u>Vasas</u> - associate professor of physics and science policy assessment, was educated at Cornell and Stanford, where he received his Ph.D. in theoretical physics. He previously taught at Princeton University of Indiana and Santa Barbara and the University of Indiana and Indiana and public policy for the standard policy for the stand

Nany Lowy associate professor of chemistry, holds a Ph.D. from N.L.T. She has worked as a research associate at N.L.T. and Amberg Cooliegs and has taught at Shirth College and the Cooley-Dickinson School of Nursing. She has also coordinated a chemical analysis lab as part of the Hill River projects in Northumpton. Her interests include stereochemistry and organic molecules, onwirrommental chemistry, science for non-scientists, toxic substances, the bassoon, and nature study.

Raiph Lutte, visiting assistant professor of natural science and naturalist in the Outdoors Program, received his 3.A. from Trinity College in biology and his 2d.), from the University of Massachusetts, where he concentrated in the theoretical foundations of environmental studies. He has taught a Antioch New England graduate school he has been the action to the bottom has been concentrated and the bottom has been concentrated to the bottom has been concentrated to the content of the second content of the conten

environmental etnice.

Juni Miller - professor of biology, has taught at the American University of Beirut and at Adelphi University. He has a Ph.D. from Stanford. His principal interests are applied microbiology (composting, sewage treatment, fermentation) and social aspects of genetics (eagliculture, sentic engineering, sention contents at ling) as well as stress another another to the contents of the content

Saundra Oyawole - assistant professor of microbiology, does research in biochemistry at the University of Nassachusetts it addition to toaching at Hampshira. Sho received her Ph.D. from University of Massachusetts. Her research involves membranes.

development, structure and function. In addition she is in-terested in microbiology from a public health standpoint in de-veloping countries, research on the microbial countribution to energy production, the microbes that inhabit us, and caucer.

Janice Raymond - assistant professor of vomen's studies and scadical chikes under the Five College Program, received her Fh.D. from Andrew Newton Theological School with the French School College. The New School for Social Research, Andower Newton, and thisses Boston. She is interested in the past, present and future of vomen's healting, abortion, the sexual politics of mental health, and vomen's health care delivery.

John B. Reid M. - assistant professor of geology, has pursued his lumer surface and earth's interior research at the Saithsonian Astrophysical Observatory, the Geologous Deboratory at Rill.T., and Bansalsen's Holyteche from Mill. He professional the beautiful professional professional professional interests center around volcanology as a seems of under standing the chamical evolution of the carth and the use of Sciences as a source of geothernal power. John will be on subbatical during the Fall Term, 1978.

embetical during the Fail 1879, 1979.

Doughas S. Riggs - Exercitus professor of pharmacology, received his H.D. from Vale University School of Redictine. He previous taught at the School of Redictine of the State University of New York at Buffalo (where he was Chairman from 1954-66), Natroard Medical School, Yale, and was a biochemist at Fairfield State Hospital. His special interests involve biomathematics (applying methematical methods to biological problems), natural history and the outdoors, especially biking and hiking.

North Rinard, associate professor of the history of science, and manter of Prescott House, received her S.A., summa cum lauds, from hilvenie-Boneser College, and her H.A. and Bh.D. from Cornel house the concentrated in the history of science could be not the thirth-science of the concentrated in the history of science could be not the science of the history of science could be not a science of the science of science and science and science and science and technology and society.

Paul Slater, visiting assistant professor in agriculture, received his B.S. and Mesters in Resource Planning from the butversity of Messachusetts. He is currently a member of a subcommuttee of the Governor's Commission on the Status of Women entitled "Women in Agriculture, Pool Policy and Land Use Refore," and is an agricultural consultant to the Hampshire Commy Planner. Paul's interests cover the broad issues of land use and resources, particularly in New England.

issues of immo use man resources, particularly in the buggama. Whiched Sutherland - assistant professor of statistics, holds an interachool appointment in Natural Science and Social Science. He has been a consultant with the Systems Management Corporation in Boston and has worked on problems involving applications of statistics to the social sciences. His Ph.D. is from Natural. His interests include mathematics, statistics, philosophy, carpontry, machinery, automobiles, and people. Michael will be on subbatical during A.Y. 1978-79.

Michael vill be on sebbatical during A.T. 1978-79.

Janet Van Hierken, sasistant professor of physics, recaived ber B.S. from M.I.T., winning the Arthur Compton Frise in 1964, and her Ph.D. from the University of Colorado. She has caught at the University of Massachusetts, Smith College, and most recently at the Joint Institute for Laboratory Astrophysics Atomic Collision Data Center at the University of Colorado, Boulder, Jamei's interests include theorety at Colorado, Boulder, Jamei's interests include theoreticatrophysics, as wells will select the Colorado Double Center of the Center of C

Charlone Van Realte - sessistent professor of botony, received her S.A. from Skidmore and her Ph.D. from Botton University to the Skidmore and her Ph.D. from Botton University to the Skidmore and her Ph.D. from Botton University to the Skidmore and her Ph.D. from Botton University to the Skidmore to t

cation.

Arthur Weating, deam of the school of Netural Science and professor of coology receives his a. S. from Coutable and professor of coology receives his a. S. from Coutable and professor with the U.S. Forest Service, and has, taught at Purdue, Hiddlebury, and Windham, where he was also chairman of the biology department. He has been a trustee of the Vermont Vilid Land Foundation and the Vermont Accessor of Arts and Sciences. In addition he has held the vermont accessor of Arts and Sciences. The Addition has held the work of Arts and Sciences. The Addition has held the work of Arts and Sciences. The Addition has held the work of Arts and Sciences. The Addition has held the work of Arts and A

Lived Williams, assistant professor of chemistry, received his A.B. from Colgate and his Ph.D. from the University of Wisconsin, where he has also taught. Lloyd's interest area include cluckdating chemical phenomena by developing learned demonstrations, atomic and molecular spectroscopy, and envir mentally related research (especially industrial air and wat pollution chemistry).

Albert Woodhull - assistant professor in biology, received his Ph.D. from the University of Weshington. We has taught in the Peace Corps in Nigeria and has lectured at the University of Washington. His research interests are contered on the physical logical bases of behavior and on the Vasual System in humans and animals. He encourages students to all the search on visual Christopher of the Control of the Co

Ann N. Woodhull - sesistant professor of biology, is especially interested in physiclogy and neurobiology, biochemistry and molecular biology, and biological coxins. Her teaching experience includes methematics in Nigeria as a Pence Corps volunteer, and Harvard University. She received her Ph.D. from the University of Washington.

5-College Astronomy Department Faculty:

Courtney and Kurtiss Gordon (see above)

Thomas R. Donnis - assistant professor in astronomy at Mt. Holyoke College.

William A. Dent - associate professor of astronomy at the University of Massachusetts.

George Greenstein - assistant professor in astronomy at Amberst College.

Edward R. Harrison - professor of astronomy at the University of Massachusetts.

C. Richard Huguenin - professor of astronomy and physics at the University of Massachusetts.

William M. Irvine - chairman of 5-College Astronomy Department and professor of physics and astronomy at the University of

Waltraut Seitter - professor of astronomy at Smith College.

0

Richard White - assistant professor of astronomy at Smith Collece.

SCHOOL OF SOCIAL SCIENCE

Richard M. Alpert, associate desn of the college and assistant professor of political science, has served on the research reaff of the Urban leatitude in Weshington, D.C. His S.A. is from Robert College and his Ph.D. from Harward.

Caroline Bangeledorf, assistant professor of political actence, bolds am A.B. from Cornall, studied Russian history at Harvard, and is working on a dectorate in political actence from M.T.T. She is interested in political development in Southern Africa and other Third World areas. She has conducted research in Aigaria, Cube, and Paru, and has been a school teacher in Emays and Southers.

Agron Berman, visiting assistant professor of history, received his B.A. from Hampshire College and an M.A. in Jevich Studies from Columbia University. He is currently a doctoral candidate in American history at Columbia.

Norma Excellent, Visiting assistant professor of geography, has an A.B. from Clark Intversity, an N.A. from Burgers, and a Ph.D. in geography from Clark Intversity. Her teaching and research interests include the social geography of work; economic, social and political walves as determinants of the built environment; social and special implications of alternative strategies for community development; and problems in providing urban housing, comployment and social services.

Na Broam, visiting associate professor of psychology, has a B.A. from Cormell University and an H.A. and Ph.D. in clinical psychology from Columbia University. She is chief sychologist and director of training and research at the Holyoke-Chicopes Mental Health Center where she is involved in administrative, clinical, teaching, consulting and research functions.

Margaret Cerullo, visiting assistant professor of sociology, has a B.A. from the University of Pennsylvania, a B.Phil. from Oxford University, and is presently a Ph.D. candidate at Brandels University. Her particular areas of interest are the sociology of women and the _____!" in America; political sociology; stratification; sociology of work and telsure; and European social theory.

Mociai theory.

Louise Farnham, Dean of the School of Social Science and associate professor of psychology, has worked in child guidance and mental hygiene clinics in Minnesota and California, and has taught psychology at Yale, Stenford, and San Francisco State College. She holds a B.A. and Ph.D. from the University of Minnesota.

Nancy Fich, assistant professor of history, has a B.A. and N.A. from San Diago Start University. She is completing her history and the state of the interestity of California, los Angeles Her teaching interests include European Social and Political History, 1900-1940 with emphasis on Early Modern European History, The Old Regime and the French Revolution, and Europe in the 19th Century; Nomen's History in a Comparative Perspective; Agrarian and Demographic History; and Quantitative History.

Penina M. Claser, Dean of Faculty, and associate professor of history, has a B.A. from Douglass College and a Ph.D. from Entrees Indiversity where she held the Louis Bewier Fellowship. Her special interests include American intellectual history with membasis on radical left wing movements in the United States during the 1940's.

Leonard B. Click, professor of anthropology, holds an M.D. from the University of Naryland School of Medicine and a Pb.D. from the University of Pennsylvania. Formerly an associate professor at the University of Wisconsin, he has done anthropological studies in St. Lucie, West Indies, a public health program and a study of ethno-medicine and social organization in the New Guines Highlands. Professor Click Will be on leave Pall Term 1978.

William Grohmann, assistant professor of education and Moster of Greenvich House, has a B.A. from Cornell, an M.A. from Columbia, and a Ph.D. from Union Greduate School. He has been a Peace Corps teacher in Micromesia and an assistant dean of students as Columbia. His area of special interest is non-traditional sitematives in higher education.

Lloyd Hogan, associate professor of conomics, has an M.A. from the University of Chicago and has done graduate work in public affairs at the State University of New York, Albays. He is editor of the Review of Black Economy and Assistant Director for Research and Amnior Economist at the Black Economic Research Center. He is a sucher of numerous articles and has tought at Amherst College and Hirvard University.

Frank Hologuist, assistant professor of political science exceived his 3.A. from Lawrence University, and his M.A. and Ph.D. from Indiama University. His interests are in the area of comparative politics, political and administrative development, and American politics. Professor Hologuutib on leave Fall Term 1978.

Gloris I. Joseph. professor of education, has a b.S. from New York University and a P.D. from Cornell University. At the University of Massachusetts where she was associate, professor of education, the served as co-chairperson of the School's Committee to Combat Racism, and at Cornell she was assistant dean of students, director of the Cimmittee she was assistant dean of students, director of the Cimmittee associate professor in the African Studies and Research Center.

Irmes Koplin, associate professor of psychology, received his 3.4. M.A., and Ph.D. degrees from the University of Minnesora, and teight at Vanderbilt University. His specified receives are psychologiatics and cognitive psychology.

Joan B. Landes, essistant professor of political science, holds a B.A. from Cormell University and an M.A. and a Ph.D. from NTU, where she completed her doctorate in 1975. She was formerly an assistant professor of political science at Buckmell University. She is primarily engaged in teaching and research in the areas of political, and social theory and women's studies, with additional interests in American politics.

Barbara Harrison Linden, associate professor of sociology, has a B.A. from Syracuse University and a Ph.D. from Columbia, where the also caught and served as architectural communication for problems in college housing at the University. Her academic interests include orban blight and the sociology of aducation.

Lester Mator, professor of law, hes a B.A. and LL.B. from Stanford, served as law clark to the Romorable Marran P. Surger, and has taught at various law schools. His specia concerns include the limits of the legal process and the rols and status of ween in society.

Naureen Mehoney, assistant professor of psychology, received her 8.A. from the University of California, Santa Gruz and her Ph.D. from Cornell University. Her special interests include social and personality development, sociology of the family and history of childhood and the family.

Laurie Nismooff, assistant professor of economics, holds an S.B. from Nil.T. and an H. Phil. from Yale, where she is a doctoral candidate. She was a Woodrow Wilson Fellow at Yale and is finishing har dissertation with the aid of a Ford Foundation Fellowship in Women's Studies. Her interests include American economic history, women's studies, labor and public policy issues.

Hedwig Rose, assistant professor of education and coordinate of the Education Studies Program, has a 8.4. from Cornell and an M.A. in advantion from Saith College where she concentrated in comparative education. She is presently a doctoral candidate at the buildwarsty of Newsachuserts. She was a supervisor of practice teaching at Smith College's Department of Education and Child Study and has worked with the Northampton public school system.

Stewart Shopiro, visiting assistant professor of political science, holds an A.B. and H.A. from SUNY at Binghanton and a Ph.D. from the University of Massachusetts—His fields of specialization are American government and public policy with particular interest in the areas of environmental policy, theories of stratification and colorational policy; political theory; and international relations.

Miriam Stater, associate professor of history and Nuster of Dakin Rouse until 1974, received a Ph.D. from Princeton University where she held the first Moodrow Wilson Fellowship designed to allow a woman with children to attend graduate school half-time. Her undergraduate work was completed at Dauglass College. Professor Stater will be on leave academic years 1976-197.

Michael Sutherland holds a joint appointment with the School of Natural Science. Professor Sutherland will be on leave scademic year 1978-79.

Robert von der Lipat, "Sociate professor of sociology, was director of the National Institute of Mental Health gradute training program in the sociology of medicine and mental health at Brown University. He has also tought at Columbia University and at Amberts College. His 8 A.A. M.A., and Ph.D. degrees are from Stanford University. Professor von der Lippe will be on leave 5211 Trem 1982.

Stanley Warner, associate professor of economics and Master of Merrill House, holds a B.A. from Albion College, an N.A. from Michigan State, and a Ph.D. from Harvard. His research and teaching interests include American economic history, economic development, and industrial organization. He has taught previously at Santa Cruz and Buckmell.

Productic S. Meaver, professor of economics and history, has a D.A. from the University of California at Borkeley and a Ph.D. from Cornell Indiversity. Whe has done resport in Chile as a Foreign Area Fellow and has taught ocnomics at Cornell and the University of Santa Cruz. His appeals interest is the historical study of economic development and underdevelopment.

Sarbara Travesson, associato professor of anthropology, received her B.A. from Barnard College and her Ph.D. at the University of I Hiomis at Servicity on the College and the Ph.D. at the University of Services of the College and the College and the College and the College Sweden. She has also worked for the Department of Native Affairs in Papua, New Cuince.

FALL TERM 1978

ASS SCHEDULE

Arts Building Cole Science Center Emily Dickinson Hall Pranklin Patterson Hell Robert Crown Center Music and Dance Building

Harold P. Johnson Library Dakin House Greenwich House Mertill House Prescott House East Lecture Hell

SCHOOL OF HUMANITIES AND ARTS

HA 172/ Hist Per-Afro-Am Music

V. Wood

SCHOOL OF HUMANITIES AND AKTS		CNIDOLLIACNIT	LIMIT	TIME		PLACE
COURSE	INSTRUCTOR	ENROLLMENT METHOD	LIM I			
HA 101 Drawing 101 *HA 105 Development of Humans HA 109 Graphic Design HA 101 Film Workshop I HA 111 Design Response	R. Superior M. Ross P. Doherty T. Joslin W. Kramer H. Mishkin	Open Open Ist Come Lottery lst Come	None None 16 14 15 , None	TTh 1-230 TW 9-1030 TTh 10-12 M 130-5 TTh 1030-12 MW 1030-12	• /	- ARB PH D-1 ARB FPH ELH PAC MDB Class
HA 113 Music of Bach HA 114/ Writing	N. Payne	Instr Per	15	т 9-12		Kiva -
HA 115/ 215 Studio Exp-Dance	F. McClellan/E. Hustor	Beg-Lottery Int-Lottery Adv-Instr Per	20 20 20	TBA TBA MW 1-3		Dance Studio
HA 117/ Voice for the Actor	E. Machlin	Instr Int	. 30	MTW/ThF 4-6		MDB/Red Barn
217 HA 122 Painting Workshop *HA 125 Sense of Self	J. Murray J. Greenberg J. Abady	lst Come Instr Per Instr Per	15 12 10	W 130-430 T 1-3 TTh 1-3	• ,	ARB TBA - EDH Div IV
HA 126 Intro-Theatre Directing	A. Salkey	Instr Per	16	т 130-3		EDH 15
HA 131/ 231a HA 134 College Writing HA 136 Man-Made Environment HA 137 Intro-Music Reading HA 139 5 Southern Writers	F. Smith N. Juster/E. Pope S. Steele L.B. Kennedy	Instr Per Lottery Open 1st Come	20 15 None 15	MWF 830-930 MTh 930-12 MWF 930-1030 MW 1030-12	• ·	FPH WLH CSC 3rd F1 MDB Class CSC 126
HA 141 Life Stories HA 142 Design/Illusion HA 148 Lit of Caribbean HA 150 Still Photo Workshop	CANCELLED A. Hoener R. Marquez W. Arnold ~	Open	None 15	TTh 130-3 TTh 130-3 TBA		ARB EDH 16 MDB Hall
HA 153/ AfronAm Chamber Ensemble	V. Wood	Auditions	20	WF 10-12		PAC
HA 156 Improv for Theatre HA 158 Sound Awareness I	J. Abady R. McClellan	Instr Per 1st Come	15	WF 10-12	1.5	
HA 162/ Rehearsal & Performance	CANCELLED		_		,	EDH 15
HA 163/ Fiction Writing Workshop	.A. Salkey	Instr Per	16	Th 130-3 MWF 1-2	-	FPH 108
HA 166 Experience of War	D. Roberts/D. Kerr R.K. Bradt	. Open Open	None None	TTh 1030-1230		FPH WLH
HA 169 Ideas of Order	CANCELLED J. Gee	Instr Per	20	TTh 1030-12		FPH 106
HA 170 Linguistics/Literature	V. Wood	Open	None	TTh 1030-12		MDB Class

SCHOOL OF HUMANITIE	S AND ARTS					
COURSE	A CONTRACT CONTRACT	ISTRUCTOR E	NROLLMENT METHOD	LIMIT	TIME	PLACE
		Hubbs	Open	None	TTh 130-3	Blair
HA 180 Dostoevsky			Instr Int	14	TTh 1030-12	DH Masters
281 Here and Now		Gordon/G. Gordon				Lib 3rd Fl
HA 210 Film Workshop	7.7	Liebling Meagher/D. Hudson	Instr Per Instr Int	12 .	T 130-5 M 1-3	FPH 107
HA 211 Comparative R		McClellan	Instr Int	15	MW 1030-12	Dance Studio
HA 213 Effort/Shape HA 220 Film/Photo St	_	Liebling	Open-Concent		W 1-5	Blair
HA 221 History-Spani		Marquez	Open	None	TTh 1030-12	EDH •16
HA 225 Photo Worksho	p II W	Arnold	T Dan	12 16	TBA W 130-3	ARB
HA 226 Time-Space La		. Hoener .K. Bradt	Instr Per Open	None	W 2-5	FPH 103
HA 228 Theology HA 231b Poetry Writin		. Goldensohn	Instr Per	15	MTh 1-230	CSC 126
HA 2310 FOETRY WITTER	O	. McClellan	Instr Per	1	M 3-5	FPH 101
HA 236 Amer Lit Real	ism R	. Lyon	Open	None .	TTh 1030-12	FPH 107 FPH 104
HA 237 D.H. Lawrence		. Hubbs/R. Neill	Instr Per	None None	TTh 130-3 TTh 1030-1230	Blair
HA 241 Myth	_	. Hubbs/C. Hubbs ANCELLED	Open	HOILE	1111 1030 1130	
HA 242 Intermed Dire HA 244 Historical Kn		. Lyon	Open	None	MWF 930-1030	FPH 107
HA 244 Historical Kn HA 248 Int Scene Stu		. Abady	Instr Per	12	WF 1-3	EDH Div IV
HA 250 Sacred/Profam		. Smith	Instr Per	20	TTh 830-930	Ebh Míh
HA 251 N.Y. Film Fes	tival T	. Joslin	Instr Per	6 10	See Course-Description W 930-12	CSC 3rd F1
HA 254 Environ Design		. Juster/E. Pope	Instr Per Open -	- None	TTh 9-1030	EDH 4
HA 256 Sense & Spiri	-	. Meagher . Superior	Instr Per	15	т 3-6	ARB
HA 257 Nitty-Gritty HA 258 Plato & Augus		. Meagher	Lottery	16	TTh 1030-12	EDH 4
HA 259 Metaphysics	_	.K. Bradt	0pen	None	W+2-5	FPH 103 FPH 101
MA 270 Electronic Mu	sic I R	. McClellan	Instr Int	. 8	MWF 1030-12 TBA	rrn ror
HA 271 Sound/Meaning	,,	. Gee	1st Come	3Ò	TTh 1030-12	CSC 126
HA 277 Elizabethan/		.B. Kennedy	Ist Come Instr Per	30 15	T 130-330/Th 130-3	ARB
HA 280 Studio Art Ci		. Murray . McClellan	Open	Noné	MW 1-3	MDB Class
HA 287 Musical Herit HA 291 Portraits Fro		ANCELLED	• •	•	,	ppu 3.6
HA 299 U.S. History	,	. Halsey	Open	None	MW 1030-12	EDH 16
					-	
- 1						
COLLEGE WRITING					•	
	•	•			11 1020 1220	PH A-1
Supportive Editing.		G. Sassen	Instr Int	10	W 1030-1230	1 .
· · · · · · · · · · · · · · · · · · ·			<u> </u>			
SCHOOL OF LANGUA	GE AND COMM	UNICATION			•	
			1st Come	20	TTh 1030-12	FPH 105
LC 111 Bilingualism		M. Feinstein D. Knapp/W. Marsh	Lottery	32	TTh 1-230	FPH 105
LC 143 Practical Pr	OPTEM POTATUR	E. Cooney/M. Mahoney	1st Come	20	TTh 9-1030	FPH 103 FPH 108
LC 165 Social Devel LC 166 Experience of	opo	D. Kerr/D. Roberts	Open	None	MWF 1-2 MW 1-2 +TBA	FPH 105
LC 166 Experience of LC-171 Language/Cul		J. Kegl	1st Come	16	MW 9-1030	PH A-1
IC 172 Hobbs & Freu	ıd .	D. İsrael	lst Come Instr Per	16 20	TTh 1030-12	FPH 106
LC 177 Linguistics/	Literature	J. Gee	Lottery	12	TTh 830-1030	Lib 3rd Fl
LC 182 TV & Truth	:	R. Muller J. Miller	Instr Per	15	TTh 830-1030	FPH 107
LC 183 Mass Media & LC 184 Artificial		CANCELLED				•
		CANCELLED		16	MW 1030-12	FPH 107
LC 187 Human Intel. LC 189 Thought & M	ind	C. Witherspoon	Instr Per	16 25	TTh 9-1030	FPH 104
LC 193 Computer Pr	ogramming	R. Moll	1st Come 1st Come	25	MW 3-5	FPH 106
	_ ` `	J. Kegl D. Kerr/J. Parnass	Open	None	MW 9-1030	FPH 108 FPH 106
LC 201 History of	Press-U.S.	W. Marsh	Open	None	MTThF 12-1	FPH 107
	es/Languages	J. Miller	Instr Per	25	TTh 1-3 TTh 130-3	FPH 103
LC 216 Communicati LC 223 Piaget		E. Cooney	1st Come	16 15	MWTh 9-1030	PPH 105
I.C 226 Theory of L	anguage	M. Feinstein, et al	1st Come 1st Come	20	TTh 1030-12	EDH 17.
LC 228 Conversation	n Analysis	J. Tallman D. Knapp	Lottery	20	MW 3-430	- FPH 105 Lib G-10
LC 240 Child Langu LC 241 Small Compu	age Design	R. Tinker	Instr Per	. 12	P 1-3	FPH 107
	nowledge	C. Witherspoon	Open	None None	MW 3-5 MWF 930-1030	FPH 107
LC 242 Theory of E LC 245 Historical	Knowledge	R. Lyon	Open 1st Come	20	TTh 1030-12	PH C-1
IC 250 Formal Mode	1s	R. Moll	lst Come	12	TTh 9-1030	PH A-1
LC 251 Philosophy	of Language	D. Israel				
· · · · · · · · · · · · · · · · · · ·		<u></u>			,	
FOREIGN LANGUAG	ES	·	,			, ,
					TBA	•
LC 115 Intens Ele	m Spanish	A. Nieto			TBA .	
LC 130 Intens Ele	m French	R. Pelletier		•		
						•
SCHOOL OF NATUR	AL SCIENCE					
			0	None	TTh 1030-12	PH B-1
*NS 102 Biology-De	ath/Dying	M. Gross	Open Open	None	1000 10	CSC 114
NS 103 Black Hole	28 ,	K. Gordon/C. Gordon	Open	None	MW 1030-12	PH B-1
NG 111 Photo Proc	ess	S. Goldberg J. Van Blerkom	Open	None	WF 1-230	CSC 3rd F1 FPH WLH/106, 10
NS 118 Physics of	waves	J. Foster, et al	Open	None	10/1 '030	CSC 3rd F1/Lab
NS 121 Human Bio NS 124 Microbiol	rogy	S. Ovewole/L. Miller	Open	None	000 1000	FPH ELH
NS 124 Microbiot NS 126 Beanbag G	enetics	L. Miller/K. Hoffman	Open	None		FPH MLH
NS 129/ Grass/She		R. Coppinger, et al	Open	None	TTh 1-5	
229 Grass/She	-11 000°	·	:		•	
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SCHOOL OF NATURAL SCIENCE	ENIE	OLLMENT III		TIN AC	PLACE	
COURSE	INSTRUCTOR	METHOD "		TIME	FPH WLH	
NS 140 NHCRV	J. Foster, et al	Instr/Open 15/	30/15 N	√W 3-5 √W 9-1030	PH B-1	
NS 149 Topics in Agriculture	P. Slater K. Gordon	Open No	one l	M 730-1030pm	CSC 3rd F1 FPH WLH	
*NS 165 Astronomical Observing NS 167 Alternative Energy	A. Krass	open.		r 1-230 MW 830-10	CSC 114	
NC 171 Energy & Environment	A. Krass S. Goldberg/K. Gordon	open	one '	TTh 1030-12	CSC 114 EDH 17	
NS 173 Understanding Relativity NS 174 Understandings/Nature	R. Lutts	open.		TTh 1-230 TTh 1-230	CSC 3rd Fl	
NS 175 Cancer Research	S. Oyewole/D. Bessen	open	one	TTh 1030-12	PH B-1 PH B-1	
*NS 178 Bio & Sex Identity	M. Gross M. Gross	Open No	one one	MF 1-3 MW 1-230	EDH 16	
NG 192 Elem Schl Science Wkshp	M. Bruno	Open	one	WF 830-10	EDH 16 FPH ELH/Lab	
NS 196 Fat/Diet/Weight Loss	M. Bruno L. Williams	1st Come 2	-	MWF 1030-12/W 1-3 MWF 1030-12/M or F	1	
NS 201 General Chemistry NS 212 Organic Chemistry	N. Lowry	Opc	lone lone	TTh 130-3	PH B-1 FPH 103	
NS 226 Fco-Feminism	J. Raymond K. Hoffman/L. Miller	Open N	lone L5-DivI	MWF 1030-12		
*NS 228 Genetics of Evolution NS 239 Factory in the Field	T. Danforth, et al		ι5 - υ1νι. L5	TTh 1030-12	CSC 2nd F1	
NS 245 Marine Biology	C. Van Raalte D. Kelly	Open N	None	TTh 1030-12 MWF 930-1030	PH D-1 FPH MLH	- 3
NS 260 Calculus NS 261 Math-Scntsts/Scl Scntsts	D. Kelly	ope	None None	TTh 1030-12	FPH 103	•
NS 269 Modern Algebra	K. Hoffman R. Tinker	Open N	None	F 1-3	Lib G-10 FPH 105	
NS 274 Computer Design NS 283 Quantum Mechanics	u Rernstein/A. Krass	Open	None None	TTh 1030-12 MW 125-320/Th2-4,73	0-930 Amherst	Å.
ASTFC 021 Stars	G. Greenstein/T. Dennis	Instr Per		TBA .	Smith Smith	1
ASTFC 031 Space Science	W. Irvine W. Seitter/R. White			MW 230-345 +Lab MF 125-320	UMASS-GRC 534	
ASTFC 037 Astronomical Obs ASTFC 043 Astrophysics I	E.R. Harrison	-		·* =-+ =- ·	<u>*</u>	-
·						.
SCHOOL OF SOCIAL SCIENCE			20	TBA		
cc 113 Urban Political Econ	L. Hogan		20 25	TTh 1030-12	FPH 104 FPH 105/ELH	
ss 114 Econ Perspect-Women	L. Nisonoff L. Mazor	1st Come	20	T/Th 9-1030 I MW 1030-12	FPH 105/ELH FPH 108	
SS 115 Political Justice SS 121 Manic Depressive	L. Farnham	lst Come 1st Come	20-D1v 20	MW 3-430	CSC 125	•
SS 124 Inescapable Marx	M. Cerullo, et al M. Mahoney/B. Yngvesson	1st Come	20	TTh 1-3	CSC 114 GH Masters	
SS 125 Kids & Kin SS 128 Colleges: Overview	W. Grohmann	1st Come 1st Come	20 20	TTh 9-1030 MW 1030-12	FPH 1:06	
ss 131 Growth/Environment	S. Shapiro B. Linden	1st Come	16	TTh 1030-12	FPH 108 FPH 104	
SS 133 Crime/Criminals/Citizens	A. Berman	Lottery		MW 130-3		ŀ
cc 1/7 Fd Psych-Political Force	CANCELLED S CANCELLED		OURSES	TTh 1030-1230	PH A-1	
SS 154 Bureaucracy/Organization SS 158 Schizophrenia	E. Brown	1st Come 1st Come .	18 20	TTh 9-1030	FPH 103	
SS 165 Social Development	E. Cooney/M. Mahoney O. Fowlkes	1st Come	25	TTh 1-3 MW 1030-12	FPH 108 MH Masters	
SS 184 American Capitalism	S. Warner	lst Come, Open	20 None	MW 1030-12	FPH 104	,
SS 210 Intro Economics SS 214 Capitalism & Empire	L. NisonoffC. Bengelsdorf, et al	Open	None	TTh 1030-12	FPH ELH FPH WLH	
SS 217 Philo-Law & Justice	L. Mazor	Open Opèn	None None	MW 1030-12 . TTh 9-1030	FPH 108	
SS 220 Happening in Court?	O, Fowlkes/B. Yngvesson L. Hogan	Open	None	TBA		
SS 230 Marxist Reading Group	D. Sloss	Open Instr Int	None	TBA vII TBA		•
SS 243 Factory in the Field	T. Danforth, et al S: Shapiro	Open	None	TTh 1030-12	EDH 15 FPH 106	
SS 260 School & Society	H. Rose	Open	None None	MW 1-230 MWF 930-1030	FPH MLH	
SS 261 Math-Schtsts/Scl Schtst		Open 1st Come	20	MW 130-3	PH A-1 FPH ELH	•
SS 265 Urban Condition SS 280 Women-Socialist Societ:	ies C. Bengelsdorf/J. Lande	s Open Instr Per	None 15	TTh 130-3	PH A-1	
SS 281 Western Marxism	M. Cerullo	Insti rei				
INTEGRATIVE SEMINARS					, · · · · · · · · · · · · · · · · · · ·	
INTEGRATIVE SEMINATIO			15	W 7-9pm	19 1 54 GH #47	
IN 302 Women in the Arts	S. Kaplan/S. Allen	lst Come Instr Per	15 15	м 130-430	EDH 17 `	•
IN 306 Culture-Genuine/Spurior IN 310 Alt Life Style/Black W	us J. Tallman omen G. Joseph	Instr Per	10	TTh 930-1030 W 730-10pm	FPH 106 FPH 108	:
IN 312 New China	J. Kopiin	Instr Per Instr Per	10 12	WF 1-3	FPH 107	/ 1
IN 315 Social Hist-Architectu	re B. Linden R. Rinard	0pen	None	MW 1030-12	- PH D-1 EDH 17	
TN 319 Domination of Nature	M. Breitbart/R. Lutts	Instr Per 1st Come	15 12	W 930-12 TTh 1=3	FPH 106	
IN 321 Racism/Sexism/Capitali	sm G. Joseph					
OUTDOORS PROGRAM						<u>. </u>
	D. Poharte	Instr Per	None	F 1-6	RCC	
OP 106 Top Rope Climbing	D. Roberts J. Greenberg/E. Ward	Instr Per	12	M 1-3/W 1-530	TBA TBA	•
*OP 127 Sense of Self	J. Greenberg	Instr Per Instr Per	. 12 None	T 1-3 Th 1-6	RCC .	
OP 130 Cont Top Rope Climbing	E. Ward D. Roberts/E. Ward	Open	None	F 10-12	TBA	
OP 148 Swar /Marshes/Bogs	R. Lutts	Open Open	None None		EDH- 17	
OP 169 Understandings/Nature	R. Lutts E. Ward	Instr Per	None	T 1-6	RCC	
OP 210 Literary Naturalists	R. Lutts	Instr Per	See	TBA Course Description		
OP 215 Environ Ed #1	R. Lutts, et al R. Lutts, et al	Instr Per	See	Course Description	RCC	
OP 216 Environ Ed #2 OP 235 All the Things	L. Cullen/T. Peterson		15	W 1-6 TBA		, ,
OP 240 Environ Ed Seminar	R. Lutts C. Fisher	Open	Nóne		So Lounge	. ١=-1
OP 261 Long Distance Running	AVIII-					•

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RECREATIONAL ATHLETICS

COURSE	INSTRUCTOR	ENROLLMENT METHOD	LIMIT	TIME	PLACE
RA 101 Beg Shotokan Karate RA 103 Int Shotokan Karate RA 104 Adv Shotokan Karate RA 105 BA 106 Beg Hatha Yoga RA 107 Con Hatha Yoga RA 109 Con Tai Chi Chuan RA 110 Physical Fitness Class RA 117 Fencing RA 113 Touch Football RA 114 Women's Field Hockey RA 116 EAG Whitewater Kayak RA 118 Adv Whitewater Kayak RA 118 Bridge Building	M. Taylor M. Taylor M. Taylor M. Taylor G. Noble G. Noble P. Gallagher P. Gallagher R. Rikkers/A. Wright W. Weber K. Stanne K. Stanne C. Fisher C. Fisher D. Elmes, et al	Open Open Open Open Open Open Open Open	None None None None None None None None	TTh 230-430 TThSun 7-9pm SunM 4-6 MW 11-1 M 2-315 M 330-445 M 630-745pm M 8-915 TF 1215-115 TBA TTh 130-330 MTh 4-6 W 3-4 T 1-6/Th 1030-12 Th 1-3 T 1030-1130	So Lounge So Lounge So Lounge Donut 4 Donut 4 So Lounge So Lounge So Lounge RCC RCC RCC RCC RCC RCC Pool Field/RCC Pool RCC TBA

1979 SPRING TERM PRELIMINARY COURSES

SCHOOL OF HUMANITIES	and arts
DIVISION 1	TBA
FILM WORKSHOP I	
GODS, BEASTS AND MORTALS: THE BEGINNINGS AND THE END OF POLITICAL THEORY HA 121	R. Meagher
BLACK WOMEN/WHITE WOMEN HA 124_(SS 189)	J. Lewis, G. Joseph
THE MAN-MADE ENVIRONMENT MA 136	N. Juster, E. Pope
STILL PHOTOGRAPHY WORKSHOP	TEA
ON THE WAY OF PHILOSOPHY: AN INTRODUCTION PHILOSOPHICAL THINKING AND PHILOSOPHICAL TH	ON R. K. Bradt CAL THOUGHT
DIVISION 1/11	
STUDIO EXPERIENCE IN DANCE	' F. McClellan
READING POETRY	C. Hubbs
POETRY WRITING WORKSHOP HA 131/231	A. Salkey
FICTION WRITING WORKSHOP HA 163/263	A. Salkey
THE FAMILY ROMANCE HA 164/264	J. Boettiger. N. Payne
SEMINAR IN MODERN LITERATURE NA 192/292	C. Hubbs
DIVISION 11	•
AMERICAN LANDSCAPES HA 201	D. Smith
MAGIC AND THE OCCULT IN THE RENAISSANCE	E S. Allen
MEN'S 'IVES WA 209	J. Socttiger
FILM WORKSHOP II HA 210	TBA
SMALL GROUP PRACTICE AND THEORY	R. Carew, G. Gore L. Cordon, E. Sk
THE OPERATIONS OF CULTURE	J. Lewis
FILM/PHOTOGRAPHY STUDIES: INDIVIDUAL PROBLEMS IN FILMMAKING, PHOTOGRAPHY, 14 220	TBA- AND RELATED MEDIA
PHOTOGRAPHY WORKSHOP 11 HA 225	TBA
THEOLOGY	R. K. Bradt

THEOLOGY HA 228

POETRY WRITING WORKSHOP HA 231

DESCRATES AND KLERKECAART. NA 233

THE LITERATURE OF LIL!

SOUND AND MEANING IN POETRY HA 271 (LC 277)

IAW AND LITERATURE HA 279 (SS 255)

LITERARY THEORY

BOOK SEMINAR: THE JOURNALISM OF SOUND CONSCIOUSNESS HA 265 (LC 280)

FILM WORKSHOP I **HA 110**

TBA

This workshop will be concerned with production and seminar dis-cussion, field problems, and research. Topics will include his-tory and development, theories of file construction to directing, editing, sound, marrative, document of perfect and files, use and preparation, super-8 and less production.

HA 121 GODS, BEASTS AND MORTALS: THE BEGINNINGS .
AND THE END OF POLITICAL THEORY

Robert Meagher

Principal readings will be: Plato, The Republic: Thomas More, Uropia: Machiavelli, The Prince: Thomas Mobbes, Leviathen; Karl Marx, Economic and Philosophical Hanuscripts: and Toothing Stones: Rechinking, the Political, dd. Robert Heagher. Aim will be to question both in theory and in practice whether it is responsible to speak of the end of political theory, or to let others speak of it, or to live as if the only appropriate or possible objects of political thought and speech are privately calculated and fully practicable benefits.

BLACK WOMEN/WHITE WOMEN Jill Lewis and Gloris Joseph

Students will register for the course on Black Women or the course on White Women. They will meet once a week for their respective courses and the second meeting will be a combined class. The intent is to provide the students with an adequate preparation of the course ameerials to construct an adequate logue. The course on Stack Women extends with the systological and expenses of the Black Women within the compart of the Black Women within the compart of the Black Women within the compart of the Black Women within the context of the all encompassing political and economic realities of life for Blacks in the United States.

THE MAN-MADE ENVIRONMENT

This is a series of contextual courses which will try to broaden an understanding of environmental problems through a concern for related tenue of culture, technology, and historical legacy. The specific focus for the Spring 1979 course has not yet been determined.

STILL PHOTOGRAPHY WORKSHOP HA 150

TBA

This is a beginning-course in photography, designed to develop a parsonal photographic perception in the student through workshop speciments; yidesussions of history and contemporary trends in photography, and fitted problems to encourage awareness of the visual environment.

ON THE WAY OF PHILOSOPHY: AN INTRODUCTION TO PHILOSOPHICAL THENKING AND PHILOSOPHICAL THOUGHT HA 167

Raymond Kenyon Bradt

In conversation with a select group of figures from the classical tradiction of Western philosophy, this course will accept to follow the west chought that tradition has followed from its caser of the content from the period through its development in the general partial of its thought. In addition, the course will give some consideration to the foundations of Chinese and Indian thought.

NA 115/215 STUDIO EXPERIENCE IN DANCE

Francia McClellan

This course in dance toth lique will assort after youth the physical discipling behind dance and assessed so the appreciates of relaxation and release within assessor. There will be those sections beginning, intermediate, and associate and order technique.

HA 130/230 READING POETRY

B. Goldensohn

R. Heagher

J. Lewis

D. Smith. L. Mazor

C. Hubba

" Clay Pubts

NA 131/231 POETRY WRITING WORKSHOP

Andrew Salkey

This workshop will be a forum for the relaxed reading of pocass produced by its members. We will pay the closest possible critical assessment of the promoted and members of class same section as the promoted and members of class same of the register of the product of the prod

HA 164/264 THE FAMILY ROMANCE

John Boettiger and Nina Payne

This is a writing and reading workshop, intended for those who enjoy doing both. Its purpose is to explore the formative and purpose is to explore the formative and the children, not only early in the family they share but throughout the life several purpose. It is not the control of the co

HA 163/263 FICTION WRITING WORKSHOP

Andrew Salkey

This workshop will be a forum for the relaxed reading, however extended, of short stories, novels-in-progress, plays, and other expressions of fiction produced by its members. We will introduce and develop the necessary skills with which our vriters will learn to regard, examine, and write fiction as a display of the imagination in tenso in entrative, cheracterisation, intention, and meaning; and those elements will be studied clustely, not so much from approved external models as from the written work of our own class.

HA 192/292 SEMINAR IN MODERN LITERATURE

Clay Hubbs

Description unavailable,

HA 201 AMERICAN LANDSCAPES

David Smith

Notcher a "survey" nor a "gonre" dourse, we will instead concer-trate on four related themes for which examples are plentiful; wilderness, virgin land, the garden, property. Around each of these ideas cluster a number of assumptions, attitudes, sightly, and a lot of good writing.

MAGIC AND THE OCCULT IN THE REMAISSANCE

Sally Allen

This course will investigate the various forms of the Renaissance magical world-vice, in particular, astrology alchemy, Pychagorean number symbolism, the habbalan member in the philosphical process of the more in philosphical variety of the Replaconic works of Picco in the philosphical philosphical by reading from the Replaconic works of Picco in the control of the philosphical p

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MER'S LIVES

We expect to assess naterial from such sources as life cycle research projects, studies of sex role development, the literature of family himpings, biographical and autobiographic nucles, and portraits of men an American-diction, file, television. With such over in process, and as information context, students will have an opportunity to undertake that, our field investigation, largely through partiel pant dispersation and life historical interviewing.

A 210 raid ohns Pal

A workknop to help the student continue to develop his/her use of film toward the development of a personal vision. Specific area of concern area to the same to the same to the continue of the same to the continue of the process of the continue of the continu

SMALL GROUP PRACTICE AND THEORY

Rene Cares, Graham Gordon, Linda cordon, and Ellie Skinner

This class will be an opportunity to increase one's owereness for greater solf-detunitization and to develop akijs to enrich relationships. Participant in examine their behavior with one another, the form of attitudes which produce that behavior, what works in relationships and group interactions, and what makes their relationships more satisfying.

THE OPERATIONS OF CULTURE

Jill Levis

This course aims to expore recent ideas which snalyze the functioning of idealogy and explore ways of examining cultural extensions of idealogy and explore ways of examining cultural extension within given social contexts. The questions to be explored are: "That is idealogy, why and how does it operate? What determines the spaces of self-reflection, criticism, and creativity? What is the relevance of historical criticism when it is a context of art to determine the self-time of art to determine the criticism, how has critical greated developed, and what are the forus that literary criticism takes?

FILM/PHOTOGRAPHY STUDIES: INDIVIDUAL PROBLEMS IN FILMAKING, PHOTOGRAPHY, AND RELATED MEDIA HA 220

This class vill attempt to integrate the procedural and formal concentration, requirements of the College with the creative vork produced by each student; it will offer forum for meaningful criticiam, such as the concentration of the concen

PHOTOGRAPHY WORKSHOP II HA 225

TRA

Through lectures, field work, and seminars, students will at-tempt to integrate their own humanistic concerns with a heigh-tened seatheric sematicity. Through the study of a work variety of photographic uppartences and the creation where small images, the audents can share a following the post-bility of expression and the post-have upon the aesthatic and social environment.

HA 228 ... THEOLOGY - - -

Raymond Kenyon Bradt

This course is a continuation of the Fall Term course. Its endawor is to be fourfold: It is firstly, to effect an introduction into the domain and the following of all course strongs a study or a select number of certa; it is, secondly, to engage in a prima peak food foreign its own, one whose andeavor will be to speak food foreign the words of human speech; it is, thirdly, both in form of the words of human speech; it is, thirdly, both in foreign in those of its readings, to effect a free logical detarmination of the order of becoming; and, fourtif it is to consider the nature of the relationship between the human and the divine orders of being.

POETRY WRITING WORKSHOP HA 231 Barry Goldensohn

This course has a double commitment-to both writing and criti-ties. In practice this means that workshop members have as pro-ticed a commitment to reading one another's work as to their own-the goal of this is to develop a self-critical attitude roward one's own writing.

DESCARTES AND KIERKEGAARD

Robert Heagher

The path of this seminar will lead us through several works of such philosopher, works which are seminal occurity for the development of their own thought to the for the development of their own thought to upon careful attention to the seminary of the se

THE LITERATURE OF LIVES

This course will involve reading and discussion of the autobiographies of women, giving accounty from different historical moments, different societies, political realities, and racial perspectives of their etyugales to survive and change their lives and the world around them, is will is also read biographies by others of women who did not reponstruct their own lives in language form.

BOOK SEMINAR: THE JOURNALISM OF SOUND CONSCIOUSNESS HA 265 (LC 280)

David Kerr

nunication course description.

SOUND AND HEANING IN POETRY

HA 271 (LC 277) James Gee

See Language and Communication course description.

LAW AND LITERATURE David Smith and Lester Hazor

This course will explore several themes related to law as they appear in works of literature. The major themes will include the trials a metaphori theidea of property, and mature of justice. We will read and discuss works by L. Carroll, A. Hiller, Kafka, Locke, Engels, Gilman, Helville, and Asschiyus among others.

LITERARY THEORY HA 295

'Cley Hubbs

Description unavailable.

SCHOOL OF LANGUAGE AND COMMUNICATION

WORKING IN THE CONSCIOUSNESS INDUSTRY: HASS NEEDLA STRUCTURE AND CONTROL LC 110 J. Miller

HEWSPAPERS AND HOW TO READ THEM LC 129

THE SPANISH LANGUAGE LC 133 H. Feinstein

LIMEAR PERSPECTIVE LANGUAGE, CULTURE, AND PERSONALITY LC 164

TOPICS IN MASS COMMUNICATIONS: WHATEVER HAPPERED TO MARSHALL MCLUMAN? LC 167 J. Hiller TOPICS IN MASS COMMUNICATIONS: ADVERTISING--THE MANIPULATION OF DEMAND LC 168. J. Hiller

J. Gee E. Cooney

PERSON PERCEPTION: THE DEVELOPMENT OF UNDERSTANDING OF PERSONS, INTERPERSONAL RELATIONSHIPS, AND THE SOCIAL WORLD LC 181

C. Witherspoor PHILOSOPHY OF PERCEPTION LC 191

CRITICAL PERIODS: THE IMPORTANCE OF EARLY EXPERIENCE IN CHILD DEVELOPMENT AND EDUCATION LC 192 THE NEWS: FACT, INTERPRETATION, AND FICTION R. Lvon

W. Harsh

RESEARCH SEMINAR: MATHEMATICAL PROBLEMS IN LINGUISTICS LC 212 COCNITIVE DEVELOPMENT: THE EVOLUTION OF THE

HIND LC 229 A. Woodhull K. Gordon A. Hanson COMPUTERS IN THE LAB: HARDWARE, SOFTWARE, INTERFACE LC 243 (NS 243)

ALGORITHMS LC 245 COGNITIVE PSYCHOLOGY: THE MIND AND ITS PHYSIOLOGICAL CORRELATES N. Stillings

READING COURSE IN LANGUAGE AND CONSCIOUSNESS LC 247 Tallman

AESTHETICS LC 249 SOUND AND MEANING IN POETRY LC 277 (HA 271)

BOOK SENIMAR: THE JOURNALISH OF SOCIAL CONSCIOUSMESS . LC 280 (NA 265) D. Kerr

POREIGN LANGUAGES

INTENSIVE INTERMEDIATE SPANISH LC 150 INTENSIVE INTERMEDIATE FRENCH LC 151 TBA

WORKING IN THE CONSCIOUSNESS INDUSTRY: MASS MEDIA STRUCTURE AND CONTROL

TBA

Mose communications are a significant product of what the Gor-man critic Hean Hangue Ensemberger calls the "conecloseness industry." This industry is composed in large part of in-dia of mass communications, which mass produce and distribute, radio and television programming, nonegopers, matton pictures

Any industry is characterized by the presence of formal organizations in which people who belong to a variety of occupations actions in which people who belong to a variety of occupations are produced to the produce of the study of human labor-process and groduct. The special significance of leaber in the connectuences industry derives from the central place of sess communications in modern life. Today the modis perform certain raskes—such as acculturation, socialists—littin, sid legitimation—previously the of influential groups, and sites. The modis are constructed to the product of the production of the production of the product of the production of

Thus the study of labor in the consciousness industry is the study of ways in which power is harnessed and directed in the contemporary world. This course will focus on the nature of doing work in American mass media. Emphasis will be upon sepacts of structure and control in commercial television and daily newspapers.

daily newspapers.

Initially, we will immersh oursaloues in the work routines of a journalist by reading relevant iterature and, if possible, by species to relevant the process of a journalist. An observer notebook will be kept of this experience and a paper wedding literature and actual observations will be vitteen. New will reamine literature on media organizations and professions, and on the institutional approach to communications and culture. From this reading we will develop in short-paper form a general theoretical framework for the course. The work of the course of the process of

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

Enrollment limit: 15, by permission of the instructor at the first meeting.

NEWSPAPERS AND HOW TO READ THEM

David Kerr

The average person's ability to read a newspaper is a composite of incidental learning pithed up "ôn the street," so to speak. Incidental learning pithed up "ôn the street," so to speak. One of the street, so to speak to the street, and the street, so to speak to the street, so the speak to the street, so the speak to the speak

During the course we will study a number of topics relating to newspapers: the evolution of the American newspaper, the news-paper industry, the veriety of American newspapers, day-to-day newsroom operations, the different newspaper day-to-day newsroom operations, the different newspaper appartments, how political and cultural events affect the news and vice versa, newspapers and the law, othics, the role of advertising, the interaction between newspapers and the delectronic media, criti-cism of American pewspapers, and methods of news analysis.

There will be two brief critical papers and one longer research paper required. In addition everyone will try writing and editing a news story and an editorial.

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

THE SPANISH LANGUAGE

Mark Feinstein

This will be a course in how to think about a particular lan-guage-Spanish-and about natural human language in general. We will use Spanish in an effort to discover universal princi-ples of language, and at the same time examine those properties that make Spanish unique. Aspects of eaching, sound structure, and sentence structure will be considered.

LINEAR PERSPECTIVE

· William Marsh

Using the techniques and history of linear perspective as background, this seminar will consider questions about perceptions, geometry, and the philosophy of mathematics. The seminar uses the geometry to provide any accessible and slow-paced introduction to the nature of mathematics.

LANGUAGE, CULTURE, AND PERSONALITY - :EC. 164

Janet Tallman

Laguage is multi-faceted, part of many paradoxes, creatively and destructively used, full of beauty and power. Outcome gives and the control of the control

study them through reading and discussion.
We will begin by looking at language and thought, at how language inhibits thinking and how it gives form to thought.

Language many the state of the state o

Our readings will be drawn from social theory and literature, from anthropologists, social psychologists, and others interested in language and culture. Me will read selections free Freud and Leing, from 6. M. Head, Saptr, Mhorf, Wgotsky, and Stefner, and we will read George Orwell's 1986, focusing on Newspask. We will examine modes of inquiry as well as the cotent of these writings. You will be encouraged to develop themes from the course into serious research and writing. I will do most of the talking.

The class will meet twice a week for two hours each time.

Enrollment limit: 20

Five-College grades will not be given.

TOPICS IN MASS COMMUNICATIONS: WHATEVER HAPPEMED TO MARSHALL MCLURAN?

(Five-week mini-course)

Inne Miller

During the sixties a Canadian professor of English literature named Herbert Norshell McLuhan cotined the expression, "the medium is the message," published several unusual books and numerous articles that developed this theses, and became a pop-cult calebrity in this country. Who was Marshell McLuhan' What is he writing today? Now well are his cheories, aphorisms, and poetic observations shout the impact of mass communications on society standing the test of time?

We will spend five weeks intensively reading McLohan's major works and his critical appraisals of them. Our investigation will focus on McLohan's tendencies toward exchanological minser-that fr is the four of these continued to the week of the continued that t

Students will be responsible for three or four short papers that review individual works, and a longer paper that criticizes McLuhan's perspective on mass communication effects. Classes will follow a discussion format.

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

Enrollment limit: 15, by permission of the instructor at the first meeting.

TOPICS IN MASS COMMUNICATIONS: ADVERTISING -- THE MANIPULATION OF DEMAND

James Hiller

Paid advertising is the primary economic support of commercial mass media in America. It is an industry unto itself. Some have called it a major art form. Other critics me advertising as an identifiable villian in culturing a social order dedicated to material consumption.

In this five-week course, which will begin meeting at the start of the seventh week of the term, we will focus our attention on how advertising creates and mustains consumer factoried commodities. We will see that the start of persuasion, the start of persuasion, the start of persuasion, the start of th

Students will be required to write a paper with an historical or theoretical point of view on the significance of advertising in contemporary America, or to descipe and carry out an empirical study-perhaps a content analysis-of selected broadcast commercials, printed advertisements, or marketing companion. Class will follow a discussion format.

The class will meet twice a week for 1 1/2 hours each session. Enrollment limit: 15, by permission of the instructor at the first meeting.

LC 170/270 - MEANING

James Paul Gae

This course will be concerned with the nature of human language, with special reforence to meaning. First we will investigate

3

how the structure of a soutence determines its (literal) meaning. We will introduce the theory of transformational-generative grammar and explicitly take up the question of the role of semantics (the theory of meaning) in the theory.

Next we will consider the cole of the verb in a sentence and the various roles noun-phrases play in the "drama" set up by the verb (e.g. "The man (Agent) sold a book (Theme) to the vorant (Recipierit) Dought a book (Theme) from the man (Agent)". We will go on to detail a theory of "themsetic" or "cose" relations (i.e. of the above sorts of "roles").

We will also take up the question of the role played by such notions as "subject," "object," "indirect object" (grammatical relations) in languaga.

Then we will consider the meanings of words and the way in which words pattern into amantic fields (rather like mosaics where the space may be filled up with pieces of different shapes and sizes and where certain pieces may be disaing). We will sketch a theory of the "lexicon," taking up questions of lexical structure, lexical redundancies, and lexical generalisations.

From the level of the sentence we will turn to the level of discourse and investigate the communicative attructure of inseque in terms of such notions as "Goyfe" versue "Comment" an "Old Information" versue "New Information." Here we will investigate principles languages use to determine word order and to attructure assessages.

Then we will consider the nature of speech acts, presupposition, and conversational implicature--that is, how we do things not marrly say these in language; how we can imply what we haven't literally said, and so forth. Here we will look into "pragmantics," the role of language in use and context.

Throughout the course we will draw our data from English as well as other languages, and will be concerned with discovering universal factors underlying languages and cultures.

As we develop a view of meaning in language we will gradually slao take up topics in the philosophical theory of meaning and the philosophy of language, o.g. such topics as the nature of truth conditions in relation to a theory of meaning, sense and reference, opense contexts in language, the <u>deficion</u> of de-tinction, the analytic synthetic distinction, entailment, con-ceptual truths, and so forth.

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

LC 181

PERSON PERCEPTION: THE DEVELOPMENT OF UNDERSTANDING OF PERSONS, INTERPERSONAL RELATIONSHIPS, AND THE SOCIAL WORLD

Ellen Cooney

Recently there has been considerable interest in studying so-cial development by analyzing the individual's way of concep-tualizing and understanding the social environment. In general such studies have attempted to define stages in the child's concepts and ways of thinking shout vertices appear of the cial world, including percentage that the student of the title and attribution as well as provide the student with a supervised research experience in this stee.

supervised research experience in chas area.

Be the first helf of the course we will review the theoretical
and empirical literature. Included here will be an overview of
social-cognitive and attribution theory as well as discussions
of specific research, including Kohlberg's descriptions of
stages of moral development. Salman's and Flavail's studies of
the child's developing understanding of persons and interpersonal relations, and Kallay's confidence of the child
In the second half of the course students will undertake their own study of the child's developing conceptions of some aspects of the social environment. Fossible topics include developing conceptions of self-identity, sex roles, parents, teachers, school, emotional disorders, and physical handicap. This research will involve both a review of exiting literature in the area chosen as well as considerable supervised field research.

Class meetings will include lectures, discussions of the readings and of student research, and class presentations of student research.

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

Enrollment limit: 12, with permission of the instructor after the first meeting of the class.

PHILOSOPHY OF PERCEPTION -

Christopher Witherspoon

Christopher Mitherspoon

This seminor/tutorial concerns several issues about perception, perception knowledge, and sense-experience. It has four parts. The first addresses problems and theories of central concern in traditional epistenology and involves readings from the British empiricists, Kant, and Bussell. The second dominates the sense twentiche-neutry critiques of the tradition operacines and includes readings from phonosemologists, and "linguistic publication of the problems of the term will be mainly devoted to examination work.

Virtually all of the writing for this course prior to examina-tion work will be in short tutorial papers which will be depli-cated and critically discussed in meeting the con-tract of the critically discussed in meeting and participant in three other students and the instructor. Some participant in the seminar will be in at least three such tutorial meetings.

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

Engalment West: 16, with presture with the instructor after

) PFRI ...

Preachool educators (including Montessori) say that learning before the age of five or so is more "natural" and easier. Lin-guists often claim that unless a language is learned before

adolescence, it can never be learned as fluently. For instance, people who learn a second language after adolescence will have a foreign accent, it can be a first the second language after adolescence will have a foreign accent, it can be a first the second accent. The language as studying social attachment in Exclusion and the second accent and pointed to the role of averly experience. Nerly hatched ducklings will follow (or "imprint on") the first moving object they see. In the natural world this means that they tag slong behind their mother, but in the laboratory they may imprint on a red rubber ball. Boby monkeys raised without their mothers can become emotionally disturbed. If they are, taken out of isolation early enough the effects can be reversed, but past a certain critical period it is too late. Early experience is also alleged to play a special roll in perceptual development.

development.

To evaluate these claims we will look at several sources of evidence, orguing both for and against them. We will become familiar with the cognitive development stage theory of Plaget, and see how it bears on the critical periods claim. We will look at research on acquiring a first and a second language, and examine cases of "matural isolations" like Centre who was children in timetimate activities a first and a second language, and examine consequence will be consequently and a second language. As the consequence of the consequence of the brain, especially the development of differences between the right and left hemispheres of the cortex, which specialize for different kinds of cognitive tasks. Finally, we will examine some preschool programs and evaluate their effectiveness. The class will work on designing and carrying our some small experiments to answer questions the consequence of the consequ

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

Enrollment limit: 20, by lottery at first meeting.

THE NEWS: FACT, INTERPRETATION, AND FICTION LC 193

Richard Lyon

This course will be a study of current practices in new report-ing in the media--newspapers, magazines, television, and radio-with an eye to questions of fairness, objectivity, inclusive-ness, significance.

LC 212 RESEARCH SEMINAR: MATHEMATICAL PROBLEMS IN LINGUISTICS

William Marsh

In this seminar we will meet once a week-with a class at the University of Massachusetts taught by Emmon Bach to discuss problems.

COGNITIVE DEVELOPMENT: THE EVOLUTION OF THE MIND LC 229

This is a course about how children think. We will not only become familiar with the stage theory of Pieget, but will also read recent research erticles and materials on education programs. We will attress the implications of cognitive development for adoution, for understanding solution and programs are studying anthropology and serial programs. Among the topics to be covered (this list is not exhaustive) are:

Infant perception. To what extent is the world of the infant a "Boosting, bussing confusion" and to what extent does it have extructure! What abilities do newborns have to perceive shapes patterns, and spatial arrangementa! When does not be a patterns, and spatial arrangementa! When does not be a patterns, and spatial arrangementa! When does not be a patterns, and spatial arrangementa! When does not be a patterns, and spatial arrangementa! When does not be a patterns, and the spatial arrangemental when the spatial patterns are a patterns and the spatial patter

Children's problem solving. How do children come to recognize contradictions in their own thinking? How does a child's measured the concept of number? Why don't children come to understand the concept of number? Why don't children spreteist some magic tricke? We will include special topics such as imagery and and spatial representation, classification, conservation, and inferences and transitive reasoning.

Meta-swareness. When and how do children intrespect about their own thinking? Do they menter their understanding of an explanation to see whether they cally undersman or nor? How much of their con memory limitations do they realize? How do they learn to plan out an activity strategically, several steps in advance! How do they learn to plan out an activity strategically several steps in advance! How do they learn what it means to verify a con-

Stage theories and critical periods. What have different theoriats said are the qualitative differences among children of different ages? More can see theories account for learning and progress to another? Can qualitative differenced to quantitative ones? Critical periods: it true that children can learn certain things only at certain ages? (For instance, is learning language after dolescence more difficult?) We'll examine some preschool teaching programs that rely on the supposed superiority of young children in loarning some things.

Educational implications. What methods are currently used to teach reading? To teach arithmetic? What can theoretical research tell us about the effectiveness of these methods? We util attempt to build connections between psychological theory and educational practice.

Notivetion, moral development, and the roots of social inter-action in conditive shilties. Why do children learn; is it was to the conditive shilties and the conditive shilting of de children's value-judgments and sense of right and wrong de-pend on their other capabilities? When are children first abla to take account of another's point of view? When can they co-operate ha group activities? Do children in other cultures pass through the same Plagatian steggs?

often meetings of 11 to devoted to locture and discussion, papers in a good of 51.

The class will meet twice a week for 1 1/2 hours each time. Enrollment limit: 70, by loctory at the first class meeting.

COMPUTERS IN THE LAB: HARDWARE, SOFTWARE, INTERFACE Albert Woodhull, Kurt Gordon, and Allen Hanson

See Natural Science course description.

ALGORITHMS

William Marsh

Algorithms are step-by-step procedures for doing things or solving problems, like the methods we learned to grade school to multiply numbers or look up words in a dictionary. Many human and animal activities like perception and movement subly involve the unconscious we prove the movement grams incorporate emplicit and the model of the computer been defined, as the study of algorithms.

The expected text for the course is Goodman and Hedetnican's Introduction to the Design and Analysis of Algorithms. Class time will be used to do and discuss examples of algorithms are to provide an overview and background for the reading of the text.

There is no prerequisito for the course and beginning students are very velcome, but students who feel any discomfort with mathematics should talk with the instructor.

The class will meet four times a week for an hour.

Enrollment limit: none

COGNITIVE PSYCHOLOGY: THE MIND AND ITS PHYSIOLOGICAL CORRELATES

This course will treat four fundamental topics in cognitive psychology and their ties with physiology. Each topic will be introduced with a survey of psychological and neurophysiological research, followed by a careful look at one or two experiments studies from cognitive, psychology.

Vision. We will begin with what is known about how the percep-tion of space, motion, and pattern are related to properties of light and then move on to psychological and physiological the-ories of how organisms detect these properties.

Congciousness and Attention. We will first take up the deter-minants of wakefulness, sleep, and unconsciousness. Then we will consider the capacities and limitations of human attention.

Memory. Many psychological and physiological studies support the hypothesis that there are two distinct kinds of memory, short-term and long-term. We will critically examine this swidence along withen overlapping body of psychological date that suggests that future memory for incoming information depends on how the mind deals with the information.

Modes of Thought. Recently a number of psychologists and neuro-psychologists have claimed that each cerebral heatsphere is specialled the self-terms mode of thought. Usually the left between the self-terms mode of thought. Usually the left are visuoppartial or holistic. We will attempt co-assess the psy-chological and physiological dvidence for this class of theories.

The course is most suitable for students with background in cognitive psychology or neurophysiology, or in the related fields of computer science, linguistics, and philosophy of mind. Students with no background are welcome but may have to scramble to keep up. There will be a steady diet of rather technical reading, drawn from textbooks and journals, several short written assignments, and a term.paper.

The class will meet twice a week for 1 1/2 hours each session. Enrollment limit: 20, on a first come basis.

READING COURSE IN LANGUAGE AND CONSCIOUSNESS LC 247 Janet Tallman

Jamet Tellman

I would like to bring together people willing to raid cortensively in the area of language and conectourness. We will sear, with the book by Leo, et al., there are to the Commonwhere, raid-bell of the control of the

The class will meet once a week for three hours,

Enrollment limit: none

Five-College grades will not be given.

AESTHETICS Christopher Witherspoon

This first course in sesthetics will center about the reading and critical discussion of neveral classics of modern sesthetics written between the thirties and the fifties and of shorter writings by modern painters and sculptors. Most of the books will be read in their entirety; they will be read in the order listed below jund issues, approaches, and theories will be rist cussed as they emerge in the course of our discussions of the texts.

An initial historical survey of accounts of art, the mesthetic, beauty, and other kinds of exculance of art works, and some problems of criticism will be followed, by a sindy of the philosophical accounts of Collispanthetic positions and principles to questions of the problems of criticism, and we will study the work of Fry, and thistory beauty by the work of Fry, combinathetic positions and principles of the problems and the problems of the course will concern state of the problems of the problems of the course will concern state of the problems of the problems of the course will concern with the problems of the constant of the concern will be problems. We will then study some aspects of the work of Nejson Goodman which constitute substantial advances beyond traditional concern of the aims of accenticit chery and the acope and limits of the kinds of accounts where studies.

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This course is intended to be a self-contained critical survey, fostering greater sophistication in our our chinking, both about att and about particular art works among the capperiences of them. It is also intended to provide and other core advanced work in art criticals and the contained and the contained and the contained are the contained and the c

Fry. Last Ectures and Vision and Weign Generich, Art and Ulusion Read, A Concise Hickory of Hedera Fointing Chipp. Theories of Nedera Artists and Critica Herbert, ed., Hodera Artists on Art Hoffman, Search for the Real Codoman, Languages of Art Articles by Vaicry, Benjamin, Norleau-Ponty, and others

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

Enrollment limit: Open

LC 277 (HA 271)

SOUND AND HEAVING IN POETRY

This course, generally, will take up the nature of the sound (and form) of poetry, its meaning (how and what it communicates to ue), and the structures of language that mediate between the two (the role of syntax in poetry).

Two (tne fole of syncax in poetry).

The course will start with an introduction to metar, both in the historical diamensions and in terms of cechniques and theories of scannion. Students will learn to scan and to discuss examsions of English poetry. In discussing the sounder of poetry we will also take up such matters as alliceration, these land starts form, and the role of syncar in contributing to the rhythm or prosedy (in a general search of a poem will be concerned with both traditional material poetry and so-called free verse, as well as varieties in between

Then we will discuss how poetry communicates both cognitively and emotively with us, i.e. win the "meaning" of poetry, We and emotively with us, i.e. win the "meaning" of poetry, We will consider the nature of the teteraction of mound, force, arructure, and meaning, well as various views of the nature of meaning in pure will as various views of the nature of meaning in the view that not only the verbal meanings of the ure of a poem contribute to its meaning, but all aspects of its structure and form (at least ideally).

of its structure and form (at least ideally).

Throughout we will be concerned with the ways in which contemporary linguistics and grammatical analysis can halp us to understand, appreciate, and criticise postry one will for the most part be concerned with the language so will for the scandard state of the standard standard with the standard standard with the standard standard what is the role of deviance of the standard s

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

Enrollment limit: 15, by discussion at first class meeting.

LC 280 (HA 265)

This seminar will concern "muckraking" and "advocacy" in American journalism from the turn of the cantury to the present and will include critical considerations of the practice as well as example of the craft. Practitioners evaluate will remay though the constitution of the practice as well as the Upton Sinclair and Lid Terbell to Jack Anderson, Sepande Misch, and Jimmy Breatin. Although not primarily an extended study the sentnar will examine chronologically a will also look at the risel from Lementeth century America. He will also look at the use of fiction and fictional devices for journalistic purposes.

The reading rate will be roughly equivalent to a book a week, and there will be two papers of modest length required, one of which will be the basis for a student-led discussion.

The seminar will meet once a week for two hours,

Enrollment limit: 12, by lottery if necessary.

FOREIGN LANGUAGES

INTENSIVE INTERMEDIATE SPANISH

INTENSIVE INTERMEDIATE FRENCH LC 151

SCHOOL OF NATURAL SCIENCE.

HISTORY OF ASTFC 34	ASTRONOMY

PIGMENTS, DYES AND THE ARTIST'S PALLETT RS 134 (mini)

S. Goldberg

K. Gordon, J. Reid

M.B. Averill

D. Riggs C. Van Rasite, R. Lutts

N. Goddard

LIGHT AND COLOR IN THE OPEN AIR NS 181 (mini)

ATOMS, MOLECULES AND THE STRUCTURE OF HATTER MS 187

EARTH AND MOON NS 191

WARFARE IN A FRACILE WORLD NS 194

CARDENING, ORGANIC AND OTHERWISE NS 117 FOOD CRISIS: NEW ENGLAND AND THE WORLD NS 151 (SS 127) R. Coppinger, F. Holmquist, L. Miller

KNOWING YOUR PLANTS NS 185

ECOGEOLOGY OF A NEW ENGLAND HILLSIDE NS 193 NEW ENGLAND WOODLOTS: A NEGLECTED RENEWABLE RESOURCE NS 195

ECOTALK NS 199 (mini)(OP 147) WOMEN AND THE HEALTH SYSTEM NS 125

HUMAN HOVEMENT PHYSIOLOGY NS 130

MAN CENETICS

MALE AND FEMALE REPRODUCTIVE FUNCTION NS 189

DABNIN, COMPETITION AND NATURE NS 197 (min1) M. Gross POPULATION MODELS NS 198 (mini)

DIVISION IT

T. Demis*

GALAXIES AND EXTRAGALACTIC ASTRONOMY ASTFC 22 W. Denc'

OBSERVATIONAL RADIO ASTRONOMY ASTFC 38 C. Husuenin*

ASTROPHYSICS II: RELATIVISTIC ASTROPHYSICS B.R. Harrison* S. Goldberg, Al Woodhull, A. Hoener, C. Witherspoon

CENERAL CHEMISTRY NS 204

THE COLOR AND LIGHT CIRCUS L. Villiano

ORGANIC CHEMISTRY NS 234

. Krass, H. Bernstein, . Reid, S. Goldberg, BASIC PHYSICS NS 282 TOPICS IN MODERN CELL BIOLOGY NS 247 J. Foster, L. Miller, S. Oyevole, C. Van Rasite C. Van Raalte, J. Foster

READINGS IN ECOLOGY NS 251 (mini) TECHNOLOGY ASSESSMENT

Al Woodhull, K. Gordon, A. Hanson COMPUTERS IN THE LAB NS 243 (LC 243) STATISTICAL METHODS IN THE BIOLOGICAL AND SOCIAL SCIENCES D. Riggs

MATH FOR SCIENTISTS AND SOCIAL SCIENTISTS D. Kelly MS 261 (SS 261)

LINEAR ANALYSIS AND DIFFERENTIAL EQUATIONS D. Kelly

*5-College Astronomy Department Faculty

ASTEC 34 . HISTORY OF ASTRONOMY

Waltraut Seitter, Richard White (at Smith)

Astronomy and cosmology are traced from prehistoric relics chrough the beginning of Egyptian and Babylonian satronomy to a dual culsination in Babylon and Greece in the last previous the beginning of Egyptian and Babylonian servonomy to a dual culsination in Babylon and Greece in the last previous the Contractian centuries. The influence of the achievements of antiquity on Arabic astronomy and the Latin Balon the Egyptian of March 1988 of the Contraction of the Egyptian of Sandaria science commonly and astrophysics in the 18th and 19th Contractive Islands to our present understanding of the universe, Emphasis is placed on ideas and the relation of astronomy to other cultural trends. Reading is largely from original sources and translations.

Class will meet Mondays and Wednesdays from 2:30 to 3:45 at Smith College. This is a Division 1 course.

CARDENING, ORGANIC AND OTHERWISE

Hary Beth Averill

We'll cover the basics of growing plants for Good and satis-faction. Topics will include major plant groups: plant structure; nutrients: when, how, what, where to plant; plant breeding; compositing and mulching; stc. Format will be read-ings, lactures and discussions; lab and greenhouse work Students may decide to organize members parties, slihough it is not as integral part of the course.

Class will meet twice a week for one hour and once for two hours. Enrollment limit: 15, first come basis.

WOMEN AND THE HEALTH SYSTEM

Janice Raymond

The course will focus on issues of health care and delivery as they relate to women. We will discus: medicine as religion and the function of male myths, since state the religion and the function of male myths, since state the religion of the function of the religion of the function of the religion of

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

NS 130 . HUMAN HOVEMENT PHYSIOLOGY

This course is for dancers, sublacts, and others who are interested in how their belia moves. We will not attempt to movement. Sather, by reading scientific papers we will look closely at how scientists fry to obtain information on muscle use and control.

I think it is both important and exciting to apply biologists' results and theories' to our own bodies. In addition, we can extend our ideas about movement into the laboratory by measuring muscle activity with the electromyogram.

No science background needed. Class meets twice a week, 1 1/2 hours.

HIMAN GENETICS

Lynn Miller

This course is designed to serve as an intensive introduction to human genetics and to give students an opportunity to in-vestigate problems in human genetics and the current and pro-posed applications of genetics to human affairs.

During the first four weeks we will watch and discuss a series of films on human genetics: we will read some of the original literature on these topics and discuss the implications of our increasing knowledge of human genetics for human behavior atteration, genetic conventions, and genetic servenibling, and genetic servenibling.

In the second four weeks each student will investigate a topic of their own choice and prepare to lead a discussion of this material. In the past students have studied, during this period, topics as diverse as human chromosome patterns (in the laboratory) and the legal implications the laboratory) and the lapid implications of the chief the laboratory and laboratory

Interested students may continue the Carvone study, begun by other students four years ago, a beginning at understanding the genetic control in human of the ability to small certain compounds. Class will meet twice a week for two hours each.

PIGMENTS, DYES, AND THE ARTIST'S PALETTE: THEORY AND PRACTICE

This minicourse in TWE COLOR AND LIGHT CIRCUS will exemine the history of cheories of polor vision and color mixing. Our size will be accepted to the varieties of color that are normally serviced both in light sources and in pigener. Such and sunting should give one the power of control. Such and sunting should give one the power of control are plain the vorted of color perception. These theories include modified Young-Helmholtz theory and Land theory.

Limit: 10 students/lottery. This minicourse will most the first six weeks of the semester.

THE EYE

NS 151 (SS 127)

Merle Bruno

The part of our eye that we can't see is the part of the sye that sees. The delicate pink retius is made up of several layers of cells that absorb light retire in environment, control sensitivity of the synchronized colors in the spectrus, and make it possible retired to the colors of the property of the synchronized colors in the spectrus, and make it possible retired accomplishes this and about the source of the information it "chooses" to send to the brain. Students in this class will learn a lot about what is known, will find out even more about what is not known, and will try to formulate questions and directions for further research.

Classes will meet twice a week, Part of THE COLOR AND LIGHT CIRCUS.

FOOD CRISIS: NEW ENGLAND AND THE WORLD

Raymond Coppinger, Frank Holmquist, and Lynn Hiller

Does the Earth have the resources to feed our growing popula-tion? Will "green revolution" technology help? What is the role of New England agriculture, once and future, in our eco-nog? 'What is not of political and social structures in agriculture Can we learn from part "agricultures" revolutions growing the part of the property of the property of the or political? What is the role of clients in agriculture! Why is the "family farm" continuing to decline in numbers?

These are some of the questions that we raise when we join the biological, practical, and social perspectives on the his-tory, present state and future of agricultural systems of the World and See Degland.

The course will consist of three principal parts sach.usek:
(1) lectures, panel discussions, and resdings (2 hours); (2) discussion sections (1 hour); (3) project development sessions, to create and criticize examinations, led and organized by students.

There will also be field trips to learn the scology of New England and New England ferms. A partner system will be used for criticizing the papers each student is expected to write. Only full participation in all of these will merit evaluation. Readings will include articles and reprints.

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

LIGHT AND COLOR IN THE OPEN AIR Kurtiss Cordon

The world around us presents some spectacular light shows: trainbow, the green flash, and holoss about the soon, to mane just a few. Have you over wondored how to explain a siregolith the sun's reflection in a wind-rippied take is drawn out into a line?

We will use these and other observations to illustrate some of the basic laws of optics and to learn about the properties of the atmosphere.

Text: M. C. J. Minnoart, <u>Light and Color in the Open Air</u> Expected student input: Class presentation or write-up of an experiment or observation.

Class meetings: One 1-hr. lecture/demonstration and one 2-hr. discussion/lab per week. This seminar is associated with the Color and Light Course and will meet the first six weeks of the semester.

This course will be organized around recognition of main plant groups and structures associated with them. During the colder part of the semester, we'll have resdings, discussions, lectures on plant groups, plant structure, and plant reproduction. We'll visit some local greenhouses and look at things in the lab. As the weather improves we'll meet for longer periods of time, spending as much of it.as possible outdoors keying out wildflowers.

Class will meet two afternoons a week. Enrollment limit: 12, first come basis.

ATOMS, MOLECULES AND THE STRUCTURE OF MATTER Stanley Goldberg

This is a set of modules designed for the student not in science but interested in pursuing from an historical point of view questions in science. The master of students in any module is strictly limited to ten. There are no prerequisites from module to module.

A. The Modern Concept of Elements and the Development of a Theory of Combustion (& sessions). In this module we will replore the creation of Lawoisier's theory of combustion and illustrate the extent to which it depended on technological developments in the ability of alghicenth century matural philosophers to isolate gaseous products and in the develop-ment of chemical belience.

B. The Atomic Molecular Theory (8 sessions). In this module we explore the creation of the atomic-molecular theory. On hair owners on with be "if we do believe in atoms, when we evidence on which such a belief is based, and how has that evidence changed over time?" Do you believe in the atomic theory? Why! We will try to find out.

theory? Why? We will try to find out.

C. The Structural Theory of Clientistry (6 sensions). In this module we take the stock theory forgranted and show that even so, it amounts to the stock theory for the control of capitaling difference of the stock of the world is terms of unique associations of acts of the world is terms of unique associations in encoded and the one that is found to be extremely user full at to assume that we must also take into account that capitality is a stock of the sto

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MALE AND FEMALE REPRODUCTIVE FUNCTION NS 189

Nancy Godd

many Goodard

What are the biological bases of saxuality? What factors influence one's sex deive, sexual behavior, ability to successfully reproduce for or saved to the present and the proposed for the saved to be present the saved to be present to the saved to be present to the saved t

Classos will meet twice weekly to discuss selected literature, view films and meet with appropriate outside persons engaged in relevant fields. Opportunities for laboratory research will be provided.

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

NS 191 EARTH AND HOON

Kurties Gordon and John Reid

The Earth-Moon "double planet" is unique in the solar system, and has long excited scientists" attempt to explain when and how it formed. In the 18th century, the physicist Lord Kelvin almost wrecked the budding science of geology over the controversy of the age of the earth: should the reciprode as millions or billions of years? At present, both sectories and geologists are trying to solve himself, the second control of the control of t

Expected student input--2 papers or class talks; occasional problems.

Meetings -- two 90-minute lecture/discussion sessions per week

PROGRALOGY OF A NEW ENGLAND HILLSIDE NS 193

John Reid and Ray Coppinger

John Reid, a geologist, and Raymond Coppinger, a biologist, both live in the woods on the side of a hill. For years they have been feuding over measurements like: he the frost heaved all those rock manufactures and like in the the foot of a cold disappeared through beds are lectures and field trips to an understanding of the acology and geology of the valley and surrough mild with the cold of the acology and geology of the valley and surroughing hills. We will also introduce them to some of the unamewared questions we have been arguing about and the student will be expected to design and carry out a project to answer a question of this sort.

Class will meet twice a week for one 1 1/2 hr. lecture/dis-cussion and one afternoon field trip.

WARFARE IN A PRACILE WORLD

Arthur Meating

This course will examine the effects of variars and other related activities on the human environment. The environmental course of specific forms of feasible modern warfars will be resided the louding conventional, nuclear, chemical, biological, and geophysical.

Special attention will be paid to the ecological vulnerability of the saveral major global habitata, both terrestrial and oceanic, including temperate, tropical, desert, arctic, and insular.

NEW ENGLAND WOODLOTS: A NEGLECTED RENEWABLE RESOURCE NS 195

Douglas Riggs

Douglas Riggs

Throughout the Northeast, millions of acies of what was formarly farmland and pasture have now beer, reoccupied by forest, smooth and the same of the seep lease of the seep lease of the seep lease acological, technological and aconomic problems which wast be solved it was to make the bast use of this wast rememble reported what proportion of New Emgland is forward, and of chick proportion and disadvantages of clear-cutting to the process of the seep lease lease of the seep lease

Two 1 1/2-hour classroom sessions per week, devoted to the mentyris of published data, student reports, and discussions, con afternoon per week devoted to tidel studies of woodlotr, and to interviews with local suppliers of cordwood, and with owners of woodlots, sewmills, and inadesynces.

DARWIN, COMPETITION, AND NATURE NS 197 Hini

Nichael Cross

One of the key concepts in Darvin's theory of evolution by means of natural selection is competition—the "erruggle for existence" which occurs within towns will contrast Darvin's view of material profiles the more balanced and harmonious image view of material selection that more balanced and harmonious image view of material selectific sources and analyse the relationship the modern contrast of
Class will meet twice a week for 4 hours. This minicourse will meet for the first 4 weeks of the semester.

NS 198 POPULATION MODELS

Michael Gross

In 1798 on English parson named Thomas Halthus was worrying over what, in 1979, was being called "the population bomb," to 1979, was being called "the population bomb," the particular of the explosion had already begin. It is not to be provided the particular of the factors which regulate population size in man and in animals (food, particularly), and with the medical-behavioral consequences of overcrowing. Scientists continue to study these questions-for instance with laboratory and field such that the particular questions of the particular questions, the particular questions of the particular questions, the particular questions of the particular questions. Yet will them need as a research—layer greas scalars to discuss approaches, results, problems.

Class will meet twice a week for two hours. This 6 week mini-course will start the week of February 26 (after examm).

ECOTALK

Charlene Van Raulte and Ralph Lutts

There are many ecological terms (i.e., population explosion, niche, recycle) which lately have become household words. How did some of these terms - and the concepts behind them originate? What does an e-logist mean by "the environment" and how does this differ from the control of the contr

Class will be in the form of lectures and discussions of topics and perhaps a few field trips. Students will be expected to write several short papers and help to build an "ecodictionary". We will use several ecology texts as reference but we will be mostly working from popular and scientific articles.

Class will meet twice a week for 1 1/2 hours. This minicourse will meet for the first six weeks of the semester.

DIVISION II:

ASTFC 20 COSMOLOGY

Tom Dempis (at Mt. Holyoke)

Cosmological models and the relationship between models and observable perameters. Topics in current astronomy which bear upon cosmological problems, including background electromagnetic radiation, nucleosynthesis, dating methods, determinations of the mean density of the universe and the Hubble constant, and concerning the foundations of cosmology, and its future as a science. Presuguistics: one semester of calculus and one physical science course.

Class will meet Mondays and Vednesdays from 1:25 to 2:20. This is a Division II course.

GALAXIES AND EXTRAGALACTICAL ASTRONOMY ASTEC 22

William Dent (at U Mass)

For students interested in a quantitative introductory course, atomic and molecular spectra; emission and absorption nebulae, the interstellar medium, the formation of stars and planetary systems, the structure and rotation of galaxies and star clussers, sploding galaxies, quasars, the cosmic background radiation, and current theories of the origin and expansion of the universe. Requisite: one semester of calculus and one semester of some physical science.

Class will meet Mondays and Wednesdays from 1:25 to 3:20 plus evening labs (at U. Mass). This is a Division 11 course.

OBSERVATIONAL RADIO ASTRONOMY ASTEC 38

George Huguenin (at U Mass) An introduction to methods of astronomical observation and data reduction. Specific techniques of radio astronomy will be discussed and analysed. Laboratory deput and field observations will be performed by the performance of the performa

Class will meet Tuesday and Thursday from 2:30 to 3:45. This is a Division II course. Instructor permission required.

ASTROPHYSICS II: RELATIVISTIC ASTROPHYSICS

E.R. Harrison (at U Mass)

Continuation of ASTFC 43. Stellar implosions and supernovae, degenerate matter in highly evolved stars, neutrino sattrophysics, emission of radiation by accelerated charge in supernovae remnants and pulsar magnetospheres, pulsar electrodymmic neutron star structure, hydrodymmics of differential votation in stars, black holes, and gravitational rotation. Requisite: ASTFC 43 or permission of instructor. super

Class will meet Mondays and Fridays from 1:25 to 3:20. This is a Division II course.

GENERAL CHEMISTRY (SPRING TERM)

Lloyd Williams

During the syring was principles and ideas from fall term general chemistry and libe expended and applied to more sophism and the syring the syring the syring the syring to equilibria; coordination compounds; chemical kinetics; muclear chemistry; and electrochemistry. In the laboratory we will learn the principles of qualitative analysis accordination compound of the synthesis and syring and the syring and syrin

Classes will meet three mornings a week. Two two-hour labora-tories are scheduled each week. Eurolisent is limited to stu-dents who have completed feel term general chemistry unless per mission is obtained from the instructor.

THE COLOR AND LIGHT CIRCUS MS 210

Stanley Goldberg, Albert Woodhull, Arthur Hoener, Christopher Witherspoon

The core of this course is a lecture series by the listed faculty and outside experts which explores, in a summary fashion, the nature of light and color and the relationship between color perception, individual psychology and physiology. Also the principles of classical and modern color theory will be applied to various technologies (pigments, film, dyes) and artistic media.

Division II, not specifically simed at completing Division I exams, but Division I students may sit in on it. For

In addition to the lectures, which will be given once a sec for 1 1/2 hours each, there will be a series of minicourses and short seminars (see NS 134, NS 137 and NS 181).

ORGANIC CHEMISTRY (SPRING) NS 234

Nancy Lowry

This course is a continuation of the first semester; emphasis is on the functional groups and spectroscopic identification of organic compounds.

Glass will meet three times a week for 1 1/2 hours, plus two 2-hour labs per week.

COMPUTERS IN THE LAB: HARDWARE, SOFTWARE, INTERPACE KS 243

Albert Woodhull, Kurriss Gordon, and Allen Hanson

When you sit down at a terminal and talk to the Usass computer, all you get is a printed response. What if you had a computer is not controlling your own real-to-controlling your own real-to-controlling your own real-to-controlling the controlling your own to the consumement, analyze the data, and adjust the equipment to optimize its own measurement making.

Such computers now crist. They're called aircocomputers and manufacturers are building them into automabiles, kitchen appliances, and laboratory instruments. They also exist in forms where you can book them up yourself. We have them now at Hampshire College, and this course will be about getting them to your for you in the lab.

We will study hardware-the selectronic and mechanical apparatus needed to convert measurements to digital voltages. We will study software-the specialized programing that allow the computer to manipulate the information in useful ways. Our attention will be focused on the interface, where soft ware and hardware interact, and thus this course will remove a complete introduction to either programs. We do maneet that the be useful for students with no experience in either reals.

We will structure the course around one or more experiments we are interested in, and our goal will be to produce a work-ing system. There will be two class enertings each week, see well as laboratory sessions using both structured and solf-teaching formats. A significant offort outside of class time will be required for maximum benefit.

Limit 20 students, selection by interview if necessary.

TOPICS IN MODERN CELL BIOLOGY

J. Foster, L. Hiller, S. Oyewole, C. Van Raalte

The first four weeks of the course will be an intensive in-troduction to some areas of modern microbiology such as con-trol synthesis of informational macromolecules, nitrogen and carbon metabolism of cells and virology. Students will be expected to lead individual sessions, puring this period each student will be asked to join one of the groups flux will continue working the beleance of the term. These groups

Virology -- S. Oyewole Nitrogen Metabolism -- C. Van Ramite Mitochoodrial Conetics -- L. Miller Naurophysiology -- M. Bruno Cell Physiology/Netabolism -- J. Foster

Every student will be expected to produce substantial written or experimental work by the end of the term.

Class will meet three times a week for 1 1/2 hours and there will be two afternoon labs per week.

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READINGS IN ECOLOGY NS 251 Mini

Charlens Van Raelte and John Poster

This centuar is designed for Division II and III students interested in ecology. We will read and discuss some of the "key papers" in ecology. The focus of the course will be on some areas of ecology without ner of great interest to practicing ecologists and to us. After the first few sessions, students will direct the class. A project or paper plus presentation of a seminar will be required for evaluation.

Limit: 15, first come, first served. Prerequisite: Ecology. Class will meet twice a week for 1 1/2 hrs. This six week minicourse will begin the week of Merch 26th.

ALCHEMY NS 252

Michael Cross and Nancy Lowry

Use went to chart some order through this complexity-that is, so want first to survey these facets of sichesy, in order to fully appreciate the breadth of questions it raises, the multiplicity of its guisas. Then we went to delive more despitylicity of its guisas. Then we went to delive more despitylicity articularly, into a narrower question of the own of the particularly, into a narrower question with to do with a religious or spiritually and why did that connection arise, for the particular of the delivery of the connection arise, the control of the connection and treatment of alchemy by such fathers of modern actence as Francis bacon and Issac Newton.

STATISTICAL METHODS IN THE BIOLOGICAL AND SOCIAL SCIENCES NS 253

Douglas Riggs

Douglas Riggs
In the "inexact" actences, observed date are usually subject to so much radion variation ("noise") that we need statistical sethods to help us answer such questions as, "Does the observed difference between my treated group and synthetic properties of the difference between my treated group and synthetic properties of the difference have been due just to warfalled, yet reages, but what kind of line or curve should I variable, yet reages, but what kind of line or curve should I warfalled to the points?" To answer these and similar questions, to shall learn how to apply some common testificial seathers to the analysis of observed date, with strong emphasis continued to the analysis of observed date, with strong emphasis continued to the same properties of results. The desired common sames interpretation of results, such as the continued of the desired common sames interpretation of results. Simple analyses of versence, vill include: t-tests, accumed results proper weighting of observations date in the counter scher than measurements. There are no prerequisites, although some familiarity with common and the continued of the same of the counter scher than measurements.

There are no precequisites, although some familiarity with com-puters would be helpful. This is an intermediate-level course in statistical ambysis, not open to Division 1 students ex-cept with the written consent of the instructor.

Class will meet three times a week for one hour.

MATH FOR SCIENTISTS AND SOCIAL SCIENTISTS

David Kelly

Traditionally, the mathematical proparation for scientists and own titatively-minded social scientists begins with a year or more of the calculus. Easy access to high pend computers has increased the usefulness of other or computers has increased the usefulness of other or allowed all scientists and social scientists of the content of the exception of physiciats and engineers the content of this course is some appropriate than salculus. Topics will include:

Functions and graphs
Computer simulation, calculation, and plotting
Clementery linear algebra (vactors and matrices)
Elementary linear algebra (vactors and matrices)
Linear Nodels (including input-onallysis)
Linear Nodels (including input-onallysis)
Concups of the calculus (the language and its interpretations)
Finite difference matcheds (applied to approximating solutions to differential equations)
to differential equations
Elementary probability and statistics (including Narkov chains and the bull-shaped curve)

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

Classes will meet three times a week for 1 hour each and an additional weekly evening problem session will be scheduled.

LINEAR ANALYSIS AND DIFFERENTIAL EQUATIONS

Real vector spaces will be studied algebraically and geometrically and applied to the solution of differential equations. The studied and special content of the studied special differential equations of mathematical special special differential special spec

Preshman calculus and the willingness to do lots of problems are prerequiattes; mathematical asturity is a byproduct. The test will be an introduction to finest analysis by Kreider, Kuller, Ostberg and Perkins.

Class will meet three times a week for one hour.

TECHNOLOGY ASSESSMENT (Environmental Studies and Public Policy Program)

Allen Krass

How can sociaty reliably assess a new technology? Every on technology has environmental, economic, social, political, legal, and cultural (spaces on human beings. To what water and by what sechods: can these spaces be anticipated and ci-costs and benefits.computed?

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

This course will be restricted to people who have passed their Social Science and Natural Science Division I exame. There will be two 1 1/2 hour sessions per week.

BASIC PHYSICS

A. Krass, J. Roid, S. Coldberg, K. Cordo

This course is designed to provide a figurous introduction to the fundamentals of physics for those students who are concern to the fundamentals of physics for those students who are concern to the fundamental software to the full course consists of two semesters starting in the spring, and it is anticipated that most students will went to cake both semesters. Calculus will be used extensively in the course, so students desiring to begin Basic Physics in the spring should take calculus in the provious fall semester.

The course is divided into several modules taught by different instructors some of whom are not primarily physicists but are people whose work requires a inounisege of physics. These different perspectives are intended to make the course more cleavant and meaningful to students who are not physics concentered to the course more people of the course people of the course more peopl

Topics covered in the spring semaster are concepts of measure-ment, classical mechanics, thermodynamics, and wave phenomena. The second semaster of the course deals with electricity and expaction, optics, spectroscopy and the quantum theory.

Class will meet three times a week for 1% hours each.

SCHOOL OF SOCIAL SCIENCE

SOCIAL ANALYSES OF SPACE SS 109

B. Linden

THE HOLOCAUST SS 118

L. Glick

INTRODUCTION TO THE CLASSICS OF SCONOMIC LITERATURE SS 126 L. Hogen

FOOD CRISIS: NEW ENGLAND AND THE WORLD
SS 127 (NS 151)
R. Coppinger, F. Holmquist,
and L. Miller

NEW CHINA: POLITICS IN COMMAND SS 129 J. Koplin

POLITICAL THEORY: GREEK POLITICAL THOUGHT SS 134 J. Landes

MINI COURSES IN EDUCATION SS 140 SS 141 SS 142

VANISHING AMERICANS: PROGRESS AND THE DEMISE OF RURAL POPULATIONS SS 146 B. Yngvesson

BUREAUCRACY AND OTHER COMPLEX ORGANIZATIONS SS 154 R. Alpert

PROFESSIONALISM AND REFORM: AN HISTORICAL VIEW
SS 155 P. Glazer and H. Kahoney

UNDERSTANDING THE MIDDLE EAST SS 168

T. Granats and B. Yngvesson (faculty supervisor)

BEYOND THE COLD WAR SS 170

C. Bengelsdorf and A. Krass

BLACK WOMEN/WHITE WOMEN SS 180 (HA 124)

INTRODUCTORY ECONOMICS

F. Weaver

WHO MONETERS FROM PACISM? A WORKSHOP ON THE ECONOMIC PUNCTION

L. Hugan and P. Veuver

CULTURE, IDEOLOGY AND IDENTITY SS 225

L. Glick and B. Yngvesson

ADULT DEVELOPMENT SS 230

THE SOCIOLOGY OF MEDICINE SS 249

PERSONALITY, MORAL DEVELOPMENT AND SOCIAL LIFE SS 253 M. Mahoney

LAW AND LITERATURE SS 255 (HA 279)

L. Mazor and D. Smith

THE STRUCTURE OF ECONOMIC THEORIES S. Warner .

STATE AND SOCIETY SS 275

AMERICAN INTELLECTUAL HISTORY, 1630-1850 SS 285 S. Nissembaum

THE THERAPEUTIC RELATIONSHIP

Not included in the above listing are additional courses the School of Social Science will offer in History, Asian Studies, Political Science, Sociology and Psychology.

SOCIAL ANALYSES OF SPACE

This course is concerned with the theories, problems and techniques which would allow us on east some of the assumption and ideologies underlying processes and ideologies underlying societological opproaches to the interaction of the power of the problems of the interaction of the problems of the interaction of the problems of the p

Leonard Glick

This course is a study of the process by which the Jews of Europe were systematically exterminated during World Var II. As an effort Loward understanding why this happened, we begin with the background in German and European Jewish history that trace events between 1933 and 1945 in some detail we try also trace events between 1933 and 1945 in some detail we try also trace in claim for the lives and minds of perpetrators and victims, and ask what this teaches about being human.

INTRODUCTION TO THE CLASSICS OF ECONOMIC LITERATURE

The course is designed to familiarize the student with some of the great contributions to the science of political economy. The choice of material libe restricted to those suthors without out the student of the suthors without out the student of the suthors without out of the suthors without out of the suthors without of the suthors without out of the suthors with the suthors without out of the suthors with the suthors with the suthors without out of the suthors with the sut

Bach term we will study intensively the works of at most two suchors. Special amphasis will be placed on (a) the nature of the crisis confronting archiers in the understanding of of the crisis confronting archiers in the understanding of contemporary economic processes; by the special way in which the author formulated the contemporary such as to be studied, (c) his poculiar mode of inquiry (d) his fundamental conclusions, (c) the impact of mis-contemporary understanding and future development of political economy.

Some of the candidates for study are Adam Smith, David Ricardo, Karl Marx, Afred Marshall, John Maynard Reynes, Joseph Schumpter, FOOD CRISIF: NEW ENGLAND AND THE WORLD

Raymond Coppinger, Frank Holmquist, and Lynn Hiller

Does the serth have the resources to feed our growing population? Will "green revolution" technology help? What is the conflet being the Begland agriculture, once and future, in our common? What is the role of political and social structures in agriculture? Can we learn from past "agricultural revolutions" anything to help us plen the future? Are femines agriculturel or political? What is the role of climate in agriculture? Why is the "family ferm" continuing to decline in numbers?

These are some of the questions that we raise when we join the biological, practical, and social purspectives on the history, present state and future of agricultural systems of the World and of New Bogland.

course will consist of three principal parts each week: lectures, panel discussions, and readings (2 hours) discussion sections (1 hour) project deviopment sessions, to create and criticize exeminations, led and organized by students.

There will also be field trips to learn the ecology of New Rugland and New England farms. A pattner system will be used for criticising the papers each student is expected to write. Only full participation in all of these will merit evaluation.

NEW CHINA: POLITICS IN COMMAND

A discussion of the political and social forces that move the People's Republic of China, and of the way policies for change are originated and inplemented. Some time will also be alloted for an examination of the relevance of the experience of the people of the PRC for other struggling nations and for ourselves. The single most important item on the reading list is Fanshen by William Minton.

SS I34 POLITICAL TREORY: GREEK POLITICAL THOUGHT

This course is an introduction to the Greek origins of Western political theory. We will closely examine three major texts: Plato's Republic, Artsocial's Politics, and Thucydide's history of the Peloponnesian Wars. We will supplement our study of those sources with The Ancient Greeks; An Introduction to Their Life and Thought, by N. I. Finley.

Instruction and Thought, by N. T. Finley.

Reong the themes to be considered are the Ancient conception of the Dills and the way it is transformed in the writings of Platonia Malicule; the relationship between the individual and the state: the status in life and theory of such inatitutions as foodly and household; and the philosophical setting of the Greek theory of the city-state. We will also attempt to situate the political theorists and their writings in the totality of Ancient social institutions and practices as these historically evolved down to the waring of urban life class attracture, the separation of the second o

MINI COURSES IN EDUCATION

SS 140 SS 141 SS 142 William Grohmann

ON DESCHOOLING SOCIETY SS 140

Ivan Illich's radical critique of educational systems prompts a long view of what we're doing to kids and why and whether there are any alternatives - can this society really be de-schooled? We'll read <u>Deschooling Society</u> of Illich and good many reviews, reactions and comparable analyses.

EXPERIMENTAL COLLEGES

A brief review of some institutions past and present which people consider non-traditional. May they were created, changed, survived and sometimes died. Issues of philosophy, leadership, finance, curriculum and community.

THE PURPOSE OF COLLEGE SS 142

A one month exmanation of why colleges and universities say they exist, with an infroduction to ideals of classical humanism, pre-professional training, personal development, community service and motions of social charge analy attability. Inevitably, we'll also take an opening look at the relationship between expressed purposes and the actual effects of college attendance.

VANISHING AMERICANS: PROGRESS AND THE DEMISE OF RURAL POPULATIONS SS 146

In this course we will consider problems related to the ways in which industrialization and technological expansion have affected and are affecting matricel expansion have propulations on the American control of the state of t

BUREAUCRACY AND OTHER COMPLEX ORGANIZATIONS

Richard H. Alpert

This course is an introduction to the nature of bureaucratic and other couplex organizations and their role and impact in a couplex organizations, as the substance corporations, schools, hospitels, police, and government, are all major forces in our daily liver. Nost Americans we have large organization or at least have do not substance of the couple of the course is to understand the place of large organizations in modern society, how they work, their relationship to our lives and to the possibilities of social reform.

The course will involve reading literature in political science, sociology, and organization theory and developing models for explaining and understanding the behavior of complex organizations, the consequences of that behavior for important social and political issues, and the possibilities of social reform.

The course will meet twice a weak for an hour rade a helf.
Two papers will be required. Students will unroll on a
first come -- first served basis. The annulment is limited
to 20.

PROFESSIONALISH AND REFORM: AN HISTORICAL VISA

Penins Glazor and Maurean Nahoney

This course focuses on social change and reform in the late 19th and early 20th centuries. We are interested in the defining characteristics of refore movements and specifically how and why those were predominantly female differed from the course of the second of the

We shall begin with the chaererical considerations which bear on questions concerning the motivation of reform activity more generally, and then review the relevant historical beekground which forms the contassion of reform movements of this period, we shall proceed the contassion of the major institutions and structures either are causally related to the nature of reform and to the public and personal style of its leadership. Towar this and we will examine the following topics:

- Changes in attitudes toward education and the narrowing of access to specialized training.
- Professionalization: the increase of specialization, quantification, and exclusivity; the carving out of parallel professional routes for women.
- Priendship: the nature of friendship patterns and its relationship to leadership roles of women.
- IV. Case Studies: two models of reform.
- V. Pour Major Professions: physicians, nurses, lawyers, social workers.

UNDERSTANDING THE MIDDLE EAST SS 168 Tony Granata*, Barbara Yngwesson (faculty supervisor)

Historically the Nideau has been the focus of conflict and de-bate over life styles, calgious velues and political ideology. In this course we will explore the usefulness of anthropological approaches to the study of these problems, with a view to identifying factors of culture, personality and environment which may be important to their understanding

*Tony Granata is a Division III Hampshire College student.

BEYOND THE COLD WAR

Carol Bengelsdorf and Allan Krass

Question: Why is the U.S. spending tens of billions of dollars per year on newer, more expensive and ever more destructive nuclear weapons systems? Answer: Bectuse the Russians are doing it and the U.S. must protect itself.

Question: Mow can U.S. policymakers justify the consistent policy of intervention and aggression, both overt and covert, it has empaged in against potentially progressive forces or governments in Main, Africa and Latin, Aerical Memory and the U.S. must proceed itself.

The conventional explanation of the "Cold War" is neatly summarized in the identical answers to these two questions. Historians and scientists (political and otherwise), writing about American foreign policy since 1945, have overwheleingly stressed the central and determining role played by the rivalry aboveen the Sowiet Union and the ".S. in externing the part of the product of the part of the product of th of Chile, among others, have exposed the inadequacy of this

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interpretation. The purpose of this course is to explore the dimensions of this inadequacy.

This course will focus on four specific areas which are conventionally described in terms of the U.S.-Sowlet confronta-tion: Southern Africa, Cube, Vietnam and the strategic arms race. It will explore alternative hypotheses for explaining the motivations behind U.S. politics.

Readings will be drawn from both primary and secondary sources and we will concentrate on developing the students' ability to read critically and to formulate his/her own arguments. BLACK WOMEN/WHITE WOMEN

Gloria I. Joseph and J. Lewis

The design of the course is as follows:

Students will register for the course on Black Women or the course on thite Women. They will need once a week for their respective courses and the second neeting will be a combined class. The intent is to provide the students with an adequate preparation of the course materials to enable critical dialogue. The course, The Black Woman, is concerned with the psychological and enotional development of the Black Woman within the context of the all encapsasing political and enonomic realities of life for Blacks in the United States.

INTRODUCTORY ECONOMICS SS 210

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

The text is R. Lipsey and P. Steiner, Economics and the accompanying workbook,

WHO BENEFITS FROM RACISM? A WORKSHOP ON THE ECONOMIC FUNCTION OF BLACK POVERTY IN THE U.S.

Lloyd Hogen and Frederick Weaver

The economic was borns by black communities through racism have been a subject of intense study over the last fifteen years, but there have been surprisingly few attempts to economics to identify with any precision the specific groups in the white communities with significant material stake in black appression. The importance of this workshop is to introduce students to this tauses involved and to introduce students to this tauses involved and to introduce students to this tauses involved and to of the theorem of the theorem of the students of the insure involved and to of the traction of the traction works by accommenders the argue that atther white employers, or workers, or consumers, or some combinations of these groups is the hapfor beneficiary of racism. We will also examine those works which maintain of the commonic function of racism, while historically important, is clearly of negligible magnitude. We will work hard to show we ach author's conclusion is derived from his or her broader conception of the workings of modern capitalism.

SS 225 CULTURE, IDEOLOGY AND IDENTITY

Leonard Glick and Serbers Yngvessor

This course focuses on sepects of the human evolutionary heritage that often seem to be paramount influences on social and political behavior: Ideas about how sociaty works and what links people to seeh other; basic values and may not understanding resility, rocean in creating resility, rocean in the property of the people
ADMIT DEVELOPMENT

This course will cover adult development, that is, the litera-ture dealing with the part of the life cycle efter college. While the parspective brought to bear will be primarily that of the social sciences, some material from literary sources and from the natural sciences will be included.

THE SOCIOLOGY OF MEDICINE SS 249

Robert von der Lippe

ROOSET VON ONE LAPPS

The sim of this course is to view health, illness, and the healing professions and inartizations from a sociological perspective. The course will begun with health and illness view, first of sociology someon of medicine and its related and then with the lated that the lated the sociological institutions. The sociological institutions health, illness, healing professions, organisations of the sociological concern and institutions will be discussed. The course will conclude with a brief look attraction future trends in medicine and with sociology's interests in those trands.

PERSONALITY, HORAL DEVELOPMENT AND SOCIAL LIFE SS 253

Maureen Mahoney

Maureen Mohoney

Ferromailty development and socialization can be seen as two
ways of conceptualizing the same process. Theories of personality development, however, have traditionally been the
domain of psychology, whereas socialization has been concern of socialogists. These two perspections have been depeyabolegists and socialogists to formalize different kinds of questions,
but there are several pointed to the second of the second of the second
marga in theories the most the nature of motivation in
marga in theories the social behavior. Such theories raise the
relation to despread and cognitive development on the one hand,
which is the second of the second

We shall examine the interrelation of psychological and sociological theories as they address these (sause through the work of Freud, Rousseau, C. H. Mead, Devey, Durkheim, Parsons, Sullivan, Pinget, and Marcuse.

LAW AND LITERATURE

Lester J. Mezor and David Smith

This course will explore several themes related to law as they appear in works of literature. The major themes will include the triat me staphor, the idea of property, and the nature of justice, which is the property of the course of the will read and discuss works by L. Carroll, A. Milier, Kaffa, Locke, Engels, Gilman, Melville, and Accolyuse, among others.

THE STRUCTURE OF ECONOMIC THEORIES SS 268

Stanley Warner

The intant of this course is, in the first instance, to develop a firm grounding in a number of conomic theories - theories which address a wide range of economic issues. In the process we will work toward a comporative critique of alternative forms of economic reasoning, addressing both the formal structure of

these theories and the question of what constitutes confirming evidence. Among the theories we will cover are:

- --Theories of inflation as a way of introducing some basic questions about how economic theories are constructed;
- --Classical and Marxian theories of rent, surplus, and income allocation;
- --Two-sector vs. multi-sector models with an emphasis on both input-output and the spatial location of economic activity;
- --Econometric models of the U.S. economy with particular focus on the Wharton long-term annual model and the issues of how structural changes are "foreseen" by historically derived relationships.

SS 275 CTATE AND COLIETY

Carol Bengelsdorf, Frank Holmquist, and

The course will examine post and present cheories of the repitalist and postalist state (emphasis on the former) and their relation to society. Theories of Hegel, Marx, Benfin, Weber, Fas well as yuthers engaged in the current dabase will be raudied. Specific empirical topics will include a look at one or source contains. share will be and the Specific apprication within an include a look at one or more occision. The second and the

AMERICAN INTELLECTUAL HISTORY, 1630-1850 SS 285

This course tries to bring to intellectual history some of the fruite of the "wew social history" and some of the rechniques of litery analysis and cultural nethropology. The first half of the course exemines colonial America as a pre-capitalist half of the course exemines colonial America as a pre-capitalist culture, characterized by subsistence production and dominated by household, kinship, and community. Our cembasis in the first month is on the psychological sechanism by which this order was sustained, especially in seventhelms by which this order was sustained, especially in seventhelms as supersession of individual automony (self-interest) and fastly loyalties. We will be reading "The Day of Doom" (a popular Puritan ballad), John Winthorp's "Model of Christian Cherticy," the lengthy will of Eubert Keepus of rich Boston merchant accused of usury) and some records of the Salem witchest free; "the thorough process by which the kinship-group replaced the larger community as a fundamental source of power, and examining acrily attempts to reconcile self-interest with public virtue. Readings include Boysen from the survey of the Prederation Power of Jonathan Edwards, and sewers of the Prederation Appare

Educate, and several of the Federalist Papers.

The second half of the course scrutificate in depth the Jacksonia suspension (1825-50), for whom the power of featly and communities of the course of the communities of the course of the communities of the course of the communities of the communities of the communities of the communities of the course of the

THE THERAPEUTIC RELATIONSHIP

We will review the nature of the therspeutic relationship from an intrapsychic and interpersonal perspective. There will be a focus on the beginning of a relation there attachments form, the sidel of the translation where patterns of interaction energy, and extraction energy, and construction of a relationship, where parsons separate from one another.

Readings will cover theoretical and clinical material from a psychodynamic viewpoint (Fraudian), an interpersonal perspective (Saillvanian), and from the view of the British psychoanalytic school of object relations (Fairbairn, Ulnnicott, and Guntrip).

Class meetings will take the form of discussions, with presenta-tions of case material from the readings and one is present field experience. Class presentations will form the basis for written work. Students will be encouraged to relate theory to practice. The seminar is open to students involved in a field work experience now or in the recent past. The former will receive preference.

A pre-class interview is requested. Sign-ups: FPM G6.
The course will meet on Tuesdays from 10:30-12:30. Enrollment
is limited to 10.

DIVISION: III INTEGRATIVE SEMINARS

DIMENSIONS OF FREEDOM

Lester, J. Mazor

This senimar will suplore the meaning of freedom in several different philosophical forms and cultural traditions. We will consider the support of the series of the series of the series of freedom, liberty and liberation, through the writings of locke, Mill, Marx, Nietzsche, and contemporary feminist and marchists.

RESEARCH SEMINAR: ALTERNATIVE LIFE STYLES/SEXUAL PREROGATIVES OF BLACK WOMEN IN TODAY'S AMERICA

Gloria I. Joseph

The course will consist of date collection and analysis. The purpose of the course is two-fold: to further develop and refine skills in research methodology and date interpretation; and to gain new and insightful understanding about the social/sexual artitudes and values of fileck working class women. The question of class will be central to the researched topics. The course is limited to 10 students since extremely careful supervision is a must. Enrollment by permission of instructor Course contact hours will be erreaged.

CASE STUDIES IN FOUCATION

Ellen Cooney and Hedy Rose

This course will attempt to highlight the philosophical, psychological, sociological, and social policy issues and assumptions underlying various educational structures and strategies experienced or observed by members of the scalar. The goal is to help participants critically examine these often implicit assumptions. The seminar is primarily for those actively involved in field work relating to education

TOGTO OF SOCIAL SCIENCE ANALYSIS

Barbara Linden and Robert von der Lippe

Participants in this seminar will be responsible for presenting an extensive and detailed summary of their Division III work in progress. We will be focusing specifically on queries relating to the logic of annual subsequent readings (such as heart of the summary of the summa

OUTDOORS PROGRAM

COTALK OP 147 (NS 199)

THE LITERARY NATURALISTS OF 210

ENVIRONMENTAL EDUCATION SEMINAR OF 240

OP 147 (NS 199)

ECOTALK (mini-course) Charlene Van Rasite and Ralph Lutts

Uner are many acological terms (i.e. population application, niche, rayryle) which lately have become household words. How did some of these terms - and the concepts behind these originate! What does an ecologist mean by 'the environment' and how does this differ from the usual use of the word' of the controller students of the word' of the controller students developing these lides. Class will be in the form of lectures and discussions of topics, and perhaps a few field trips, Students will be expected to write several short papers and help to build an 'weedictine',' but will use several ecology taxts a metific articles. This mini-pourse will meat for the first six weeks of the semester.

THE LITERARY MATURALISTS

We will examine the professions of the naturalist (scientist, educator, and writer) with special emphasis won that of the literary naturalist. The works of the literary naturalist. The works of the literary naturalist focus upon the buses of the streamy naturalist focus works of several profession of naturalists. We will-examine the works of several profession of naturalists, perticularly those of the literary naturalists. The works of the literary naturalists will in the literary naturalists will in the literary naturalists. The perticularly those of the literary naturalists, perticularly those of the literary naturalists. The perticularly those of the literary naturalists of the literary naturalists will in the literary naturalists. The literary naturalists will be seen to be see

ENVIRONMENTAL EDUCATION SEMINAR

Raiph Lutte

many matter white meaning the provide a flexible format within which people who are interested in environmental education (EE) see gather to share ideas and resources, and expand their understanding of the fitself. Readers and guest speakers will be planned for the first few weeks and the following weeks will be planned by the group. In addition to taking part in the waited will be planned by the group. In addition to taking part in the waited and the statement of their persons in the statement of their persons in the statement of their persons in a reasarch speer, teaching in the project. The come other activity related to EE. What are your poals and interests, and what do you want to accomplish this samester? Tour asserse will be important gaided for the seniors and we will discuss them during the initial meetings.

