

## Key to Course Listings

**Catalog numbers** are part of a University-wide numbering system. Generally, courses numbered 100 to 199 are introductory, 200-299 are intermediate, and 300-499 are advanced (upper-level).

**Reorganized or renumbered courses** are denoted by a parenthetical number in boldface following the course number. When renumbering or reorganization has left the SUBJECT unchanged, only the previous catalog number is given; if the SUBJECT has also changed, the previous SUBJECT name and course number appear. A reorganized or renumbered course cannot be repeated for credit without special permission.

**Cross-listed courses** are sponsored by more than one department or program and may be elected in any of the participating units. Cross-listings appear in boldface and are denoted by a slash between the participating units.

**Course titles** appear in boldface after the catalog number.

**Prerequisites** appear in italics after the course title. Some prerequisites are advisory. They suggest the assumed background or level of academic experience, and students should be guided by these statements. Some prerequisites are mandatory and are enforced at the point of registration. The *Course Guide* and the *LS&A Bulletin* indicate the cases when prerequisites are enforced.

Prerequisites are of three types:

- *Courses*. Unless otherwise stated, the phrase "or equivalent" may be considered an implicit part of the prerequisite for any course. When a student has satisfactorily completed a course(s) at the required level of competency and when that course is believed to be substantially equivalent to one listed as a prerequisite, the student must consult the instructor or department. If equivalency is determined to have been satisfied, election may be approved by issuance of electronic permission.
- *Class standing* (first year, sophomore, junior, senior). A course might be appropriate for "first and second year students only," or for "juniors and seniors."
- *Permission of instructor*. The phrase "or permission of instructor" may be considered an implicit part of the statement of prerequisites for any course. When permission is a stated requirement, or when a student does not have the stated prerequisite for a course but can give evidence of sufficient background, the student should obtain approval from the instructor or department concerned and an electronic permission issued.

**The Credit Symbol**, an Arabic numeral in parentheses, denotes the credits earned for the course. Credit is granted in semester hours. Except for small seminars where the reading and/or writing requirements are intensive, one credit represents no less than one hour of class meeting time each week of the term, and usually represents two hours of work outside of class for each class hour.

**Area distribution designation** is approved by the LS&A Curriculum Committee on a yearly basis. A course may be approved with the designation natural science (*NS*), social science (*SS*), humanities (*HU*), mathematical and symbolic analysis (*MSA*), creative expression (*CE*), interdisciplinary (*ID*), or excluded from distribution (*Excl*).

**Courses meeting certain college requirements** are so listed. Language other than English (*LR*) courses may be used toward meeting the Language Requirement. The First-Year Writing Requirement may be met by courses designated (Introductory Composition). Courses approved with the designation "Language Requirement" or "Introductory Composition" may not be used as part of an area distribution plan. If an introductory language course is designated "Excluded" (*Excl*), it may not be used to satisfy the LS&A language requirement. (*BS*) means that the course may be used toward the 60 approved credits required for the B.S. degree. Courses meeting or partially meeting the Quantitative Reasoning

requirement are designated (*QR/1*) or (*QR/2*). Courses with standard approval for meeting the Race & Ethnicity (*R&E*) requirement are so indicated. Other courses may meet the R&E or QR requirements on a term-by-term basis and are listed on the LS&A website (<http://www.lsa.umich.edu/>).

**Experiential, Independent Study, and Tutorial** courses are so designated. (See Experiential and Directed Reading/Independent Study Courses in *Chapter IV*.)

**Repetition** of a course that varies in content from term to term is permitted only under certain conditions. When a department or program has a policy about the repetition of a course for credit, that policy is included in the course listing. The general statement "May be repeated for credit with permission" usually means "With permission of a concentration advisor." In all other instances, a student must get permission from both the department or program and the Academic Standards Board to repeat a course for credit. Generally, a course may be elected for credit once only.

**Excluded combinations of course elections** are designated in the listing of affected courses.

**Special Grading pattern** for a course is indicated in the course listing. Some LS&A courses are offered *mandatory credit/no credit*. (See Non-Graded Courses in *Chapter IV*.)

**The Term Symbol**, a Roman numeral, denotes the term(s) some courses are offered. The University year is divided into three terms: Fall (I), Winter (II), and Spring-Summer (III). The Spring-Summer Term is further divided: Spring-Half (IIIa) and Summer-Half (IIIb).

### Courses That Count Toward Graduate Programs

*Courses Approved for Regular Rackham Graduate Credit*. All courses taken in fulfillment of Rackham degree requirements must be approved for Rackham graduate credit. Be certain that any courses you plan to take--especially those numbered in the 400s--are approved for Rackham credit before you enroll in them. The Graduate School policy on courses is as follows: Courses at the 400 level and above are acceptable for graduate credit if they have been approved by the Graduate School.

If you are uncertain whether or not a course is approved for Rackham credit, check with the department offering the course or with the Rackham Course Approval Officer (764-8221).

If you elect a course that has not been approved for Rackham graduate credit, the course will appear on your university transcript with the notation "Not for Graduate Credit." The course grade will appear on the transcript, but it will not be averaged into your cumulative grade point average or your credit toward program (CTP) total.

*Courses Not Approved for Graduate Credit*. Courses at the 300 level and below are not acceptable for graduate credit, without exception. Undergraduate level foreign language courses may occasionally be used in fulfillment of some departmental foreign language requirements.

Under unusual circumstances you may petition to receive graduate credit for a course not normally approved for graduate credit (*e.g.*, such as an undergraduate course where you will be expected to perform more advanced work than the undergraduates). Because there is no guarantee of approval, you should submit your petition to the Graduate School's Office of Academic Records and Dissertations (OARD) before taking the course. Your petition must be endorsed by the course instructor and by the graduate chair of your department or program, and it must include an explanation for requesting the exception. You will be expected to perform graduate level work in the course, and the petition must show how this will be accomplished. You may obtain a petition form from your department, from OARD, or online.

## Residential College of Literature, Science, and the Arts

### Residential College

#### RC Core RCCORE 863

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#### Undergraduate Courses

##### 100 **RCCORE 100.**

###### **First-Year Seminar.**

(4,4) : May not be repeated for credit.

(Introductory Composition).

*SWC Writing Assessment. Only first-year students, including those with sophomore standing, may pre-register for First-Year Seminars. All others need permission of instructor. Laboratory fee may be required.*

An introductory course taken by all Residential College and Inteflex first-year students. Theme, readings, and methodology vary, but the common purpose of all Seminars is to introduce students to the intellectual life of the University and encourage them to become active and responsible in the learning process. Oral and written skills are stressed; students write frequent essays based on class readings and group discussions.

##### 101 **RCCORE 101.**

###### **Academic Writing.**

(1) : May not be repeated for credit.

(Excl).

*RC First Year Seminar. Offered mandatory credit/no credit.*

Subject matter includes organization of content, style, and substance, as well as attention to grammar and coherence.

##### 105 **RCCORE 105.**

###### **Logic and Language.**

(4,4) : May not be repeated for credit.

(MSA). (BS).

I.

An introduction to the analysis of logical structure of arguments, the logic of propositions, the logic of quantification, and probabilistic arguments. The nature of language and its logical problems are discussed as well as logical argument in various spheres of discourse. Arguments in various contexts are read, analyzed, and evaluated.

##### 205 **RCCORE 205.**

###### **Independent Study.**

(1-8,1-8) : May be repeated for credit.

(Excl). (INDEPENDENT).

*Consent of instructor required (Prerequisites enforced at registration). Sophomore standing. Offered mandatory credit/no credit. Laboratory fee may be required.*

Students must submit a written proposal approved by a faculty sponsor outlining the proposed topic, the readings, and the final product of the project.

##### 209 **RCCORE 209.**

###### **Study Off-Campus.**

(1-16,1-16) : May not be repeated for credit.

(Excl). (EXPERIENTIAL).

*Consent of instructor required (Prerequisites enforced at registration). Sophomore standing. Offered mandatory credit/no credit.*

Students must submit a written proposal approved by at least two faculty sponsors outlining the proposed project, the readings, and the final product.

- 224 **RCCORE 224.**  
**Spanish.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 This is a "phantom" course for reduced credit for the RC language courses.
- 300 **RCCORE 300.**  
**Writing and Theory.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Not open to freshmen.*  
 Designed for students interested in improving their expository writing. Students look critically at selected writing of others and examine carefully their own writing and that of their colleagues. They submit written material every week and consult at least every two weeks with the instructor.
- 305 **RCCORE 305.**  
**Independent Study.**  
 (1-8,1-8) : May be repeated for credit.  
 (Excl). (INDEPENDENT).  
*Consent of instructor required (Prerequisites enforced at registration). Junior standing. Offered mandatory credit/no credit. Laboratory fee may be required.*  
 Students must submit a written proposal approved by a faculty sponsor outlining the proposed topic, the readings, and the final product of the project.
- 307 **RCCORE 307.**  
**RC Practicum in College Team Teaching.**  
 (1-4) : May be repeated for credit.  
 (Excl). (Independent).  
*Consent of instructor required (Prerequisites enforced at registration). Upperclass standing. Offered mandatory credit/no credit.*  
 For the student who wishes experience in college teaching. The student-teacher functions as a teaching intern in a course. Regular staff meetings and individual conferences with the person in charge ensures that the intern shares in the overall planning and management of the course. The student may receive credit only once for student-teaching in the same course.
- 308 **RCCORE 308.**  
**Directed Peer Tutoring.**  
 (1-2) : May be repeated for credit for a maximum of 4 credits.  
 (Excl). (EXPERIENTIAL).  
*Offered mandatory credit/no credit.*  
 An experiential course for students with advanced competence in the discipline (as determined by the faculty instructor). These students tutor other students with less knowledge and relevant experience enrolled. Under faculty supervision, they also participate in regular meetings with faculty to discuss discipline-specific pedagogical questions, as well as the progress of those they are tutoring.
- 309 **RCCORE 309.**  
**Study Off-Campus.**  
 (1-16,1-16) : May be repeated for credit.  
 (Excl). (EXPERIENTIAL).  
*Consent of instructor required (Prerequisites enforced at registration). Junior standing. Offered mandatory credit/no credit.*  
 Students must submit a written proposal approved by at least two faculty sponsors outlining the proposed project, the readings, and the final product.

- 331 **RCCORE 331.**  
**Field Ecology.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 This course, taught at the UM Biological Station, introduces students to the physical and biological processes that interact to produce local ecological communities. Students become familiar with the influence of geological history and climate on landscapes and habitats, the rates of change of physical and biological processes, the history of and threats to biodiversity, the evolutionary response of organisms to local circumstances, and processes of population regulation and the balance of nature. In the field, students learn how to record physical and biological data, identify common elements of the flora and fauna, document the distribution and abundance of plants and animals, measure physical and biological gradients across terrestrial and aquatic habitats, and compare the current landscapes and ecological community to conditions during the last ice age.
- 333 **RCCORE 333.**  
**Fundamentals of Electronic Music.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 Creating sounds with digital synthesis. Computer controlled digital synthesizers. Tape recording of music.
- 334 **RCCORE 334.**  
**Special Topics.**  
 (3-4,3-4) : May be elected for a maximum of 12 credits. May be elected more than once in the same term.  
 (Excl).  
 A topics course taught by various members of the program faculty. Each version of the course has its own subtitle. Some versions are taught one time only while others are repeated and may evolve into regular courses with their own course number and titles.
- 405 **RCCORE 405.**  
**Independent Study.**  
 (1-8,1-8) : May be repeated for credit.  
 (Excl). (INDEPENDENT).  
*Consent of instructor required (Prerequisites enforced at registration). Senior standing. Offered mandatory credit/no credit. Laboratory fee may be required.*  
 Students must submit a written proposal approved by a faculty sponsor outlining the proposed topic, the readings, and the final product of the project.
- 409 **RCCORE 409.**  
**Study Off-Campus.**  
 (1-16,1-16) : May be repeated for credit.  
 (Excl). (EXPERIENTIAL).  
*Consent of instructor required (Prerequisites enforced at registration). Senior standing. Offered mandatory credit/no credit.*  
 Students must submit a written proposal approved by at least two faculty sponsors outlining the proposed project, the readings, and the final product.
- 410 **RCCORE 410.**  
**Senior Project.**  
 (1-8,1-8) : May be repeated for credit for a maximum of 8 credits.  
 (Excl). (INDEPENDENT).  
*Consent of instructor required (Prerequisites enforced at registration). Permission of concentration advisor.*  
 An individual project in the field of concentration.
- 489 **RCCORE 489.**  
**Honors Independent Research.**  
 (1-4,1-4) : May not be repeated for credit.  
 (Excl). (INDEPENDENT).  
*Permission of instructor.*  
 An independent study under the supervision of an honors thesis advising committee to do preliminary research for a potential honors thesis. A primary purpose of this course is to determine if, in fact, the proposed thesis is feasible.

490 **RCCORE 490.****Honors Thesis.**

(1-4,1-4) : May be repeated for credit for a maximum of 8 credits.

(Excl). (INDEPENDENT).

*Consent of instructor required (Prerequisites enforced at registration). Permission of concentration advisor.*

An individual honors project.

**RC Fine Arts**    RCARTS 864

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**Undergraduate Courses**267 **RCARTS 267.****Introduction to Holography.**

(4,4) : May not be repeated for credit.

(CE).

*Laboratory fee (\$120) required.*

An introduction to the medium of holography with the primary objective of developing an understanding of the fundamental visual characteristics of the medium and its potential as a medium of expression.

268 **RCARTS 268.****Introduction to Visual Thinking: Adventures in Creativity.**

(4,4) : May not be repeated for credit.

(CE).

*Laboratory fee (\$35) required.*

A studio course designed to develop visual thinking skills, flexible problem-solving strategies, and creativity. Readings and exercises prepare students for four longer projects that use three-dimensional materials and emphasize the use of lateral thinking skills to arrive at creative solutions. Includes slide lectures, discussions about creative process.

269 **RCARTS 269.****Elements of Design.**

(4,4) : May not be repeated for credit.

(CE).

*Materials fee (\$35).*

An introduction to the basic elements and principles of two-dimensional design, including line, shape, tone, balance, movement, perspective. Basic color principles (such as simultaneous contrast) are also taught. Slide lectures, discussions, critiques and frequent studio projects are all used to develop students' visual literacy and design skills. Emphasis is on the acquisition of skills necessary to create original visual images.

285 **RCARTS 285.****Photography.**

(4,4) : May not be repeated for credit.

(CE).

*Materials fee (\$100).*

An introduction to the medium of photography from the perspective of the artist. Basic skills as well as an overview of photography's role in the arts are presented. The development of an understanding of visual literacy and self-expression as they relate to the photographic medium is stressed as well as the development of basic technical skills in black and white and color photography and holography.

- 286 **RCARTS 286.**  
**Sculpture.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*Materials fee (\$35).*  
 The focus of this course is an exploratory, experimental approach to fiber sculpture. Students learn and employ traditional techniques (including basketry, plaiting, tapestry, surface design, and felt-making) and also are encouraged to develop their own experimental techniques. Traditional fibers such as wool, linen, and cotton are combined with unconventional plastics, wire, paper, *etc.*, in the creation of innovative works. Slide lectures of historic and contemporary textiles, discussions, critiques, and studio projects help students develop a knowledge and appreciation of the discipline.
- 287 **RCARTS 287.**  
**Printmaking.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*Materials fee (\$50).*  
 Developing an understanding of the art of printmaking through lectures, demonstrations, practical studio experience, examples, and individual and group discussions. The course focuses on creating original prints, exploring images and visual ideas, and the possibilities of self-expression. Emphasis is placed on linoleum cut, woodblock, and silkscreen techniques.
- 288 **RCARTS 288.**  
**Introduction to Drawing.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*Laboratory fee (\$40) required.*  
 This is a studio course designed to develop drawing ability through eye, mind, hand coordination. Students learn drawing terminology, explore a variety of materials and techniques, develop a portfolio, maintain a sketchbook, view slides, and discuss their own and other artists' work.
- 289 **RCARTS 289.**  
**Ceramics.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*Materials fee (\$85).*  
 Presents basic problems in forming clay, both throwing and handbuilding techniques, calculating, preparing, and applying glazes, stacking and firing kilns, and operating a ceramics studio. The theory, practice, and history of ceramics are integral parts of this study and are used to encourage individual sensitivity to the material.
- 345 **RCARTS 345.**  
**Culture and Aesthetics.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 Course explores issues in aesthetics and culture drawing on studies from a wide variety of cultural and historical contexts. Readings survey both conservative and rapidly changing art traditions in ethnic localities under the influence of industrialized cultures. Readings drawn from theorists of economic and cultural hierarchies, gender and semiotics.
- 348 **RCARTS 348.**  
**Performance, Conceptual and Public Art: Tradition and Innovations.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Laboratory fee (\$30) required.*  
 Students analyze past and current creative strategies in public conceptual and performance art and there-by enhance their own imagination and creativity. Through a series of class projects students examine how these art forms contribute to communities.

- 385 **RCARTS 385.**  
**Interdisciplinary Photographic Applications.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*RCARTS 285. Materials fee (\$100).*  
 An advanced course in photography requiring the application of the medium to problems or ideas in another discipline of the students' choosing.
- 389 **RCARTS 389.**  
**Ceramics Theory and Criticism.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*RC Arts 289. Laboratory fee (\$85) required.*  
 This is an interdisciplinary course that combines studio work in clay and glazes with the aesthetics and criticism of ceramics.

## RC Humanities RCHUMS 865

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### Undergraduate Courses

- 214 **RCHUMS 214.**  
**Fundamentals of Narrative Fiction.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
 Students read a variety of tales, novellas, and novels that demonstrate comparable or divergent styles of narrative. Chosen from different cultural contexts, the works are grouped to emphasize different aspects of narrative – historical, autobiographical, realistic, allegorical, or fantastic – revealing the distinctive and universal elements of all narrative prose.
- 215 **RCHUMS 215.**  
**Poetry.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
 Approximately ten poets are read and discussed in some depth in order to give students concrete experience in the poetic tradition of English speaking cultures. The latter third of the course surveys several dozen recent poets who are either rebelling against or extending that tradition in new directions. Two novels with poetic style and organization are also read.
- 217 **RCHUMS 217.**  
**Fathers and Sons.**  
 (3) : May not be repeated for credit.  
 (HU).  
 Throughout the ages, from Odysseus and Telemachus (*The Odyssey*) to William Loman and Biff (*Death of a Salesman*), stories about the complex and passionate relationships between fathers and sons have been the stuff of great literature. We examine books and films that chronicle both harmonious and troubled relationships.
- 218 **RCHUMS 218.**  
**The Hero as Outsider, Outcast or Outlaw.**  
 (3) : May not be repeated for credit.  
 (HU).  
 In this course, we try to define the human need for heroes and the (changing) character of heroism by examining the eccentric hero that mainstream society attempts to suppress, dismiss, ignore, or condemn because it regards him or her as perverse, subversive, vicious, or beyond the pale of tolerance: the saint, criminal, psychotic, visionary, egoist, pervert, or monster.

- 220 **RCHUMS 220.**  
**Narration.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*Consent of instructor required (Prerequisites enforced at registration).*  
 Students submit approximately five pages of prose fiction every two weeks in addition to rewriting previous submissions. Collections of short fiction and short novels by established writers are read. Each student meets privately with the instructor weekly.
- 221 **RCHUMS 221.**  
**The Writing of Poetry.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*Permission of instructor.*  
 The class meets three hours a week as a group, and each student receives additional individual criticism from the instructor. Assigned poetry is read and discussed and student's poems are presented to the class for appraisal and criticism. Poetic forms and the relation of form to content are stressed. In addition each student is required to read extensively the work of one poet.
- 222 **RCHUMS 222.**  
**Writing for Children and Young Adults.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*I.*  
 Students are offered an opportunity to gain experience in the preparation of fiction for children and young adults. Instruction aims at the development of story ideas and narrative forms relevant and comprehensible to young people. Emphasis is also placed on the purpose of children's literature and its relationship to literature as a whole, the experience of childhood, and the visual arts.
- 230 **RCHUMS 230.**  
**Biblical, Greek, and Medieval Texts: Original Works and Modern Counterparts.**  
 (3) : May not be repeated for credit.  
 (HU).  
 This course is constituted of two tracks: classic texts from the Biblical, Greek, and Medieval worlds and a number of 20th-century literary and film adaptations and re-creations of these classic works – or themes and problems they embody.
- 235 **RCHUMS 235.**  
**Topics in World Dance.**  
 (3) : May not be repeated for credit.  
 (HU).  
 Theatrical, religious, popular, and social dance traditions are examined in a variety of cultures. Several comparative issues are explored. In addition to lectures and readings, the class features guest artist lecture demonstrations and viewing of performances both live and on films and videos.
- 236 **RCHUMS 236 / SAC 236.**  
**The Art of the Film.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*Laboratory fee (\$50) required.*  
 Lectures and demonstrations isolate the different elements and techniques (*i.e.*, film stock, lighting, camera placement and movement, actors, special effects, sound, and editing) that the director and crew utilize in film-making to shape the viewer's response. Some historical developments, artistic and technological, are discussed. Recitation sections analyze and interpret significant films.
- 242 **RCHUMS 242.**  
**Creative Adaptation: Fact Into Fantasy.**  
 (4) : May not be repeated for credit.  
 (CE).  
*Completion of the Introductory Composition requirement. II.*  
 Students adapt research from various sources into creative forms, *e.g.*, short stories, poetry, drama, film. The course expands students' knowledge in their own fields while offering opportunities for creative expression.

- 250 **RCHUMS 250.**  
**Chamber Music.**  
 (1-2,1) : May be elected for a maximum of 8 credits. May be elected more than once in the same term.  
 (CE).  
*Offered mandatory credit/no credit.*  
 Studying and performing vocal and instrumental chamber music. Responsibilities include three to four hours of group and individual rehearsal time each week and participation in one or more chamber music concerts.
- 251 **RCHUMS 251.**  
**Topics in Music.**  
 (4,4) : May be elected for a maximum of 12 credits. May be elected more than once in the same term.  
 (HU).  
 An in-depth aesthetic, historical, and musical analysis of several significant masterworks from a given period or style of music.
- 252 **RCHUMS 252.**  
**Topics in Musical Expression.**  
 (2-4) : May be elected for a maximum of 12 credits. May be elected more than once in the same term.  
 (CE).  
 An introduction to performance of a specific style of instrumental music.
- 253 **RCHUMS 253.**  
**Choral Ensemble.**  
 (1,1) : May be repeated for credit for a maximum of 16 credits.  
 (CE).  
*Offered mandatory credit/no credit.*  
 Students rehearse and perform some of the great choral literature from 1600 to the present. The class studies the historical significance of each composition, and a complete musical and aesthetic analysis is made of each work studied.
- 254 **RCHUMS 254.**  
**The Human Voice as an Acoustical Instrument.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*I.*  
 Practical training through exercises and songs to teach control of the vocal mechanism for acoustically correct singing. Acoustic and physiological principles related to voice control, and principles of the Alexander Technique are studied.
- 255 **RCHUMS 255.**  
**Film Experience.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 Study of film theory and practice as manifested in the work of such directors as Sergei Eisenstein, Jean Renoir, Ingmar Bergman, Woody Allen, Frank Capra, Satyajit Ray.
- 256 **RCHUMS 256.**  
**Studying and Playing Southeast Asian Music.**  
 (3) : May not be repeated for credit.  
 (HU).  
 Course consists of two parts: surveying the major musical genres of SE Asia and learning to play the music of the Javanese gamelan orchestra.
- 257 **RCHUMS 257.**  
**Visual Sources.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
 Introduction to analysis of the visual arts: painting, architecture, photography, performance. Training in practical skills of formal analysis and in theory of perception, with attention given to issues of medium, materials, craft, and cultural context.

- 260 **RCHUMS 260 / DANCE 220.**  
**The Art of Dance: An Introduction to American and European Dance History, Aesthetics, and Criticism.**  
 (3,3) : May not be repeated for credit.  
 (HU).  
 An introduction to dance history, aesthetics, criticism for non-dance majors: dance form and content; dancer and choreographer; styles of dance; role of dance in society. Course offers a basic survey of American and European dance in 19th and 20th Cent.
- 265 **RCHUMS 265(375) / ASIAN 265 / PHIL 265 / HISTART 265.**  
**The Arts and Letters of China.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
 An interdisciplinary introduction to Chinese civilization through the study of significant and representative works from philosophy, art, drama, and literature. Taught jointly by a team of faculty specialists.
- 272 **RCHUMS 272 / HISTART 272.**  
**20th-Century Art: Modernism, The Avant Garde, The Aftermath.**  
 (4,3) : May not be repeated for credit.  
 (HU).  
 II.  
 Explores, chronologically, the work of major 20th-century European and American artists.
- 275 **RCHUMS 275.**  
**The Western Mind in Revolution: Six Interpretations of the Human Condition.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 Treats six major reinterpretations of the human condition from the 16th to 20th centuries generated by intellectual revolutions in astronomy (Copernicus); theology (Luther); biology (Darwin); sociology (Marx); psychology (Freud); and physics (Einstein).
- 280 **RCHUMS 280 / ENGLISH 245 / THTREMUS 211.**  
**Introduction to Drama and Theatre.**  
 (3,2) : May not be repeated for credit.  
 (HU).  
*No credit granted to those who have completed or are enrolled in RCHUMS 281.*  
 This course aims to introduce students to as many basic aspects of the theatre, practical and theoretical, as time allows. It also presents them with a number of key plays from various periods, and examines them from the point of view of their dramatic qualities, their theatrical strengths, their social and political contexts, their performance history, and their relevance today.
- 281 **RCHUMS 281.**  
**Introduction to Comedy and Tragedy.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*No credit granted to those who have completed or are enrolled in RCHUMS 280.*  
 A study of comedy from the *commedia* origins in the sixteenth century to theatre of the absurd, using tragedy as a contrast rather than as a focus. Masks, stage tricks, and other technical matters are treated. Reference is made to Greek and Roman theatre, and the relation of comedy to farce and of tragedy to melodrama is examined.
- 282 **RCHUMS 282.**  
**Drama Interpretation I: Actor and Text.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
 The dramatic text is studied from the actor's perspective as a script which communicates verbal and gestic cues by means of written dialogue. The course focuses upon the manner in which this is done, and upon methods of translating these written cues into appropriate human behavior. Attention is given to theories and criticism of performance techniques, and to specific acting problems presented by differing styles and genres.

- 290 **RCHUMS 290.**  
**The Experience of Arts and Ideas in the Twentieth Century.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
 Introduction to major aesthetic movements of 20th century art: cubism, dada, surrealism, abstract expressionism, post-modernism through close reading and comparison of selected examples of literature and the visual arts. Emphasis on formal analysis of each work.
- 291 **RCHUMS 291.**  
**The Experience of Arts and Ideas in the Nineteenth Century.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
 Introduction to major aesthetic movements of 19th century art: Romanticism, Realism, Impressionism, Symbolism, through close reading and analysis of selected examples of literature and the visual arts. Emphasis on formal analysis of each work.
- 305 **RCHUMS 305.**  
**Cultural Confrontation in the Arts.**  
 (3,3) : May not be repeated for credit.  
 (HU).  
*Sophomore standing.*  
 Course focuses on the aesthetic responses of Asian Americans, African Americans and Latinos when they come into contact with the dominant culture. The emphasis is on an intensive engagement with representative texts, music or visual images that are produced at such "moments" of confrontation.
- 308 **RCHUMS 308 / ASIAN 308.**  
**Arts and Ideas of Modern South and Southeast Asia.**  
 (3) : May not be repeated for credit.  
 (HU).  
 How have the countries of South and Southeast Asia re-conceptualized their cultures, accommodating to or rejecting Western views in the 20th century. Focusing primarily on India, Thailand and Indonesia, this course examines the aesthetic responses of twentieth-century writers, musicians, and dancers as they come into contact with Western ideas.
- 309 **RCHUMS 309.**  
**Classical Sources of Modern Culture.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
 Traces the development of narrative and dramatic literary form from Homer to Late Roman Prose. In the visual arts, traces evolution of style from geometric abstraction to Classical idealism, to Roman historical portraiture and illusionistic wall painting.
- 310 **RCHUMS 310 / MEMS 310.**  
**Medieval Sources of Modern Culture.**  
 (3) : May not be repeated for credit.  
 (HU).  
 Examines representative works of literature and the visual arts from late Pagan/Early Christian times, through the high Medieval period. Emphasis on close reading of text and image, exploration of iconographical repertory, and distinctive formal systems, such as typology and allegory.
- 311 **RCHUMS 311.**  
**Intellectual Currents of the Renaissance.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*Sophomore standing.*  
 Interdisciplinary study of a configuration of works in literature and the visual arts selected to disclose a particular problem in renaissance aesthetics: space, textuality, representation. Emphasis on close reading and analysis of Shakespeare, Rabelais, Titian, Bosch, Brueghel, Dürer, and others.

- 312 **RCHUMS 312 / SLAVIC 312.**  
**Central European Cinema.**  
 (3,3) : May not be repeated for credit.  
 (HU).  
*Taught in English. Laboratory fee (\$10) required in a full term.*  
 Central European (Polish, Czechoslovak, Hungarian, Yugoslav) cinema studied against the background of the political, social, ideological, and artistic factors which helped shape it. The course spans the period 1958-1995, and covers the works of major directors: Andrzej Wajda, Roman Polanski, Krzysztof Zanussi, Krzysztof Kieslowski, Milos Forman, Jiri Menzel, Vera Chytilova, Marta Meszaros, Istvan Szabo, Dusan Makavejev, and Srdan Karanovic. Films by many of the above directors and others are viewed, analyzed, and discussed both with respect to their intrinsic aesthetic structure and with respect to the cultural trends and socio-political events of the period and country. Special emphasis is given to issues of ethnicity and gender.
- 313 **RCHUMS 313 / SLAVIC 313.**  
**Russian Cinema.**  
 (3,3) : May not be repeated for credit.  
 (HU).  
*A knowledge of Russian is not required. Taught in English. Laboratory fee (\$50) required.*  
 Russian cinema studied against the background of the artistic and political revolutions which helped shape it. The course spans the period 1917-present, from the Russian pioneers of film montage (Sergei Eisenstein, Vsevolod Pudovkin, Dziga Vertov, Alexander Dovzhenko) to the varied cinematic approaches of recent directors such as Andrei Tarkovsky, and Nikita Mikhalkov. Films by all of the above directors and others are viewed, analyzed, and discussed both with respect to their intrinsic aesthetic structure and with respect to the cultural trends and socio-political events of the period and country.
- 314 **RCHUMS 314 / MEMS 314.**  
**The Figure of Rome in Shakespeare and 16th-Century Painting.**  
 (3) : May not be repeated for credit.  
 (HU).  
 An interdisciplinary course including literature and the visual arts focused on the figure of "Rome" in four of Shakespeare's Roman plays and in painting by Caravaggio, Mantegna, and Titian.
- 315 **RCHUMS 315.**  
**Representations of History in the Literature and Visual Arts of Rome.**  
 (4) : May not be repeated for credit.  
 (HU).  
 An interdisciplinary course including literature and the visual arts focused on strategies of self-representation through history and prophecy in the Roman period.
- 317 **RCHUMS 317.**  
**The Writings of Latinas.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*A course in women's studies or Latina/o studies.*  
 This course has its focus on the writings of Latinas in the U.S. It explores their confrontations of such issues as colonial domination and political or economic exile. The required texts address the position of women within their own cultural/ethnic/racial group as well as within a dominant culture.
- 318 **RCHUMS 318.**  
**Critical Approaches to Literature.**  
 (4,4) : May be repeated for credit for a maximum of 16 credits.  
 (HU).  
 //.  
 Introduction to major currents in contemporary critical theory, structuralist, semiotic, psychoanalytic, deconstructionist, through reading of primary texts in conjunction with exemplary works in literature and the visual arts.

- 319 **RCHUMS 319.**  
**Topics in Film.**  
 (3,3) : May be repeated for credit for a maximum of 9 credits.  
 (HU).  
*Laboratory fee (\$50) required.*  
 Course content varies with specific topic and instructors. The course offers opportunities for in-depth study and analysis of genre, style, and other aspects of film.
- 320 **RCHUMS 320.**  
**Advanced Narration.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*Consent of instructor (Prerequisites enforced at registration). RCHUMS 220.*  
 Three short stories of at least twenty-five pages each, or three long segments of a novel-in-progress are submitted during the term and are read by all members of the class. The class meets together as a workshop and each student meets individually with the instructor for private discussion of work completed and in progress.
- 321 **RCHUMS 321.**  
**Advanced Poetry Writing.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*Consent of instructor required (Prerequisites enforced at registration). RCHUMS 221.*  
 This is an advanced poetry writing workshop. Students must be willing to read their poems in class and actively participate in the critical evaluation of other students' work. A finished manuscript of 25-30 poems is a course requirement.
- 322 **RCHUMS 322.**  
**Advanced Creative Writing for Children and Young Adults.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*Consent of instructor required (Prerequisites enforced at registration). RCHUMS 222.*  
 Course emphasizes elements of narrative fiction in writing for young readers. Group meetings alternate with private conferences with instructor. Readings assigned on an individual basis. Course work is determined jointly by the student and instructor.
- 325 **RCHUMS 325.**  
**Creative Writing Tutorial.**  
 (4,2) : May be repeated for credit for a maximum of 16 credits.  
 (Excl).  
*Consent of instructor (Prerequisites enforced at registration). RCHUMS 220, 221, 222.*  
 Independent programs in supervised writing.
- 326 **RCHUMS 326.**  
**Creative Writing Tutorial.**  
 (4,2) : May be repeated for credit for a maximum of 16 credits.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). RCHUMS 325.*  
 Independent programs in supervised writing.
- 331 **RCHUMS 331.**  
**Picasso to Tharp: Collaboration in Art, Film, and Dance in the Twentieth Century.**  
 (3) : May not be repeated for credit.  
 (Excl).  
 Examines the way in which painters, sculptors, choreographers, and film makers have collaborated to create some of the most intriguing multi-media works of the century, beginning with early modern artists in Europe and continuing with artist-choreographer collaborations in America.

- 332 **RCHUMS 332.**  
**Women in America.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration).*  
 A survey of women's role in American society from colonial times to the present, emphasizing both change and continuity in women's experiences.
- 333 **RCHUMS 333.**  
**Art and Culture.**  
 (3-4,3-4) : May be repeated for credit for a maximum of 12 credits.  
 (Excl).  
 The concern of this course is to examine the mechanics, theories, and the effects of the interaction of art and culture. Topics include the political function of the arts, the impact of new technologies, the effect of popular taste on high art, and the role of art criticism.
- 340 **RCHUMS 340.**  
**Four Interdisciplinary Studies in 19th- and 20th-Century Intellectual History: Psychoanalysis, Mysticism, Nihilism and Marxism.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*Junior/senior standing.*  
 This course compares and contrasts the presentation in several disciplines and literary genres of several ideas that have redefined western man's concept of himself: the emergence of "psychological man"; the attack upon science and reason; the decay of Christian morality; the rise of totalitarian states.
- 341 **RCHUMS 341.**  
**Latin American Literature.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 Examines themes of major novelists, short story writers, and poets. The literature is considered in historical, social, and anthropological contexts as well as in the artistic context.
- 342 **RCHUMS 342.**  
**Representing the Holocaust in Literature, Film and the Visual Arts.**  
 (4) : May not be repeated for credit.  
 (HU).  
*Consent of instructor (Prerequisites enforced at registration). Sophomore standing.*  
 Explores the various forms bearing witness to the Holocaust has taken over several generations and within different national contexts, from the autobiographical narratives of survivors to the imaginative reflections of those born after the Holocaust. These representations encompass memoirs, novels, poems, plays, films, comic books, music, memorials, and the visual arts.
- 344 **RCHUMS 344 / HISTART 342.**  
**Reason and Passion in the 18th Century.**  
 (3,3) : May not be repeated for credit.  
 (HU).  
*Sophomore standing.*  
 Examines significant works of visual art, literature, and philosophy created in Europe and the American colonies in the 18th century in light of the questions "what is a person" and "what is the relation of the individual to society?"
- 345 **RCHUMS 345.**  
**Weimar Culture.**  
 (3) : May not be repeated for credit.  
 (Excl).  
 Examines various competing visions of the new individual and the new society as they are presented in Weimar Culture, the art, literature, and film produced between 1919 and 1933.

- 347 **RCHUMS 347 / RUSSIAN 347.**  
**Survey of Russian Literature.**  
 (3,3) : May not be repeated for credit.  
 (HU).  
*A knowledge of Russian is not required. No knowledge of Russian literature or history is presupposed. Taught in English.*  
 Russian literature 1820-1870, with emphasis on Pushkin, Lermontov, Gogol, Turgenev, Dostoevsky, and Tolstoy. Lectures, assigned reading, and discussions.
- 348 **RCHUMS 348 / RUSSIAN 348.**  
**Survey of Russian Literature.**  
 (3,3) : May not be repeated for credit.  
 (HU).  
*A knowledge of Russian is not required. Taught in English.*  
 Russian literature from circa 1870 to 1905 with emphasis on Tolstoy, Dostoevsky, Leskov, and Chekhov. Lectures, assigned readings, and discussions.
- 350 **RCHUMS 350.**  
**Creative Musicianship.**  
 (4,4) : May not be repeated for credit.  
 (CE).  
*II.*  
 This music theory-composition course is designed to give students the skills necessary to create and understand music. No previous background is required.
- 351 **RCHUMS 351.**  
**Creative Musicianship Lab.**  
 (1-2,1-2) : May be repeated for credit for a maximum of 16 credits.  
 (CE).  
*RCHUMS 350. II.*  
 Required lab course to be taken with RCHUMS 350. It provides additional training in the three basic elements of music (melody, harmony, rhythm) through reading, writing, singing, and the use of ear-training tapes and computer programs.
- 355 **RCHUMS 355.**  
**Film Criticism.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*One film course.*  
 Theoretical and practical approaches to film criticism, using films that pose a variety of formal, interpretive, and judgmental problems.
- 357 **RCHUMS 357.**  
**What Television Means: Research, Analysis, and Interpretation.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 This course is devoted to investigations of both content and multiple meanings in television broadcasts. Students are expected to critique the work of published media researchers as well as conduct their own research on differing genres of television text.
- 360 **RCHUMS 360.**  
**The Existential Quest in the Modern Novel.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Junior/senior standing.*  
 This course studies existentialism as a literary as well as philosophical movement united by a number of common theological, social and psychological themes and problems.

- 362 **RCHUMS 362 / ASIAN 362.**  
**Writer and Society in Modern China.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*No knowledge of Chinese is required.*  
 A course examining the role and self-conception of the writer in relation to the changing historical context of modern China, through the study of works of narrative fiction, criticism, and literary theory.
- 363 **RCHUMS 363 / PHIL 363.**  
**Philosophical Bases of Communism, Fascism, and Democracy.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*One Philosophy Introduction.*  
 An account of the philosophical ideas underlying liberal democracy, communism, and fascism, with special attention given to democracy and fascism. Particular emphasis is placed on the theoretical discussion of democracy and on the origin and systematic character of the official Soviet philosophy.
- 372 **RCHUMS 372.**  
**The Subject in the Aftermath of Revolution.**  
 (3) : May not be repeated for credit.  
 (HU).  
 Intended to introduce to undergraduates the concept of the "subject" important in recent critical theory, the course traces shifts from ideas of natural or authentic selfhood to those of the constructed self, situating the change in the context of revolutions and their aftermath, when notions of identity are disrupted. The issue are addressed in interdisciplinary fashion through sets or groupings in literature and the visual arts, each accompanied by readings in theory or philosophy.
- 373 **RCHUMS 373 / ASIAN 373.**  
**The Performing Arts in South and Southeast Asia.**  
 (3) : May not be repeated for credit.  
 (HU).  
 This course explores how artists put together performances in South and Southeast Asia, through focusing on the ancient Indian epic, The Ramayana. We examine ways that identities are performed locally, nationally and internationally and also ways that performers and analysts from that part of the world approach and discuss the phenomenon of performance.
- 380 **RCHUMS 380.**  
**Greek Theatre.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 A special seminar section exploring particular stage and production elements of the plays covered in GREEK 463.
- 381 **RCHUMS 381.**  
**Shakespeare on the Stage.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*RCHUMS 280.*  
 An introduction to Shakespeare as a dramatic artist through close study of eight of his major plays; appreciation of the plays as dramatic experiences; a functional notion of the shape of Shakespeare's career as a whole; and a basic grasp of the historical, philosophical, social, and theatrical contexts of Shakespearean drama.
- 382 **RCHUMS 382.**  
**Molière and His Theatre.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
*RCHUMS 280.*  
 A survey of the career of Jean Baptiste Poquelin, from the early farces to the great comedies. Approximately twelve plays are examined in detail through scene presentations and analyses. Particular attention is paid to the theatrical conditions pertaining in Molière's day. A workshop in the comic techniques of Italian *Commedia Dell'arte* is included.

- 383 **RCHUMS 383.**  
**Ibsen and Strindberg.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
 Focuses on Ibsen and Strindberg as major figures in the development of modern western drama. The best-known "naturalistic" plays of both authors are studied together in the historical-critical context of dramatic realism. The later plays of each (Ibsen's symbolic and mystical, Strindberg's expressionist) receive independent treatment to demonstrate their ultimate influence on the chief forms of twentieth-century drama.
- 385 **RCHUMS 385.**  
**The Theatre of Bertolt Brecht.**  
 (4,4) : May not be repeated for credit.  
 (HU).  
 A comprehensive study of the development, nature, and influence of Bertolt Brecht's playwriting, dramaturgy, and dramatic theory both in its German setting and in its impact on international theatre.
- 386 **RCHUMS 386 / MEMS 421.**  
**Medieval Drama.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*RCHUMS 280.*  
 Designed to trace parallel developments in the medieval drama of France and England, with special reference to problems of production, from the tenth century to the sixteenth century. The Germanic origins and the German carnival play are included as well.
- 387 **RCHUMS 387.**  
**Renaissance Drama.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration).*  
 Examines common interests and techniques in the works of the major dramatists of the Renaissance, from its beginnings in the Italian *Commedia Dell'arte* and Spanish Golden Age, through Elizabethan and Jacobean England, to its culmination in the classic theatre of France. The playwrights include Lope de Vega, Ben Johnson, Molière's, and Racine, but the greatest emphasis falls upon Shakespeare.
- 388 **RCHUMS 388.**  
**Restoration and Georgian Comedy.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 Reading and scene production focus on the major authors: Etherege, Wycherley, Congreve, Goldsmith, and Sheridan. Time is devoted, however, to searching for comic value in other playwrights as well as for exploring the peculiar hybrids produced during this period: the "sentimental comedy", the burlesque tragedy, and the ballad opera.
- 389 **RCHUMS 389.**  
**The Modern Theatre.**  
 (4,4) : May be repeated for credit.  
 (HU).  
*RCHUMS 280.*  
 This course is intended to complete the student's overview of the development of drama by outlining major themes, ideas, and characteristics of theatre from approximately 1880 to the present day. The development of drama within one particular country, e.g., France, England, Germany, is covered. The country studied varies each term the course is offered.
- 390 **RCHUMS 390.**  
**Special Period and Place Drama.**  
 (4,4) : May be repeated for credit.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). RCHUMS 280.*  
 Covers the development and major characteristics of drama from a particular area or period. The period or place varies each term the course is offered, e.g., the "Irish Dramatic Movement", "Melodrama".

- 392 **RCHUMS 392(293) / LING 392.**  
**English Grammar and Meaning.**  
 (4) : May not be repeated for credit.  
 (Excl).  
*May not be applied toward any RC concentration or academic minor.*  
 An introductory course in the grammar of English, including both morphology and syntax. It proceeds inductively, using data analysis problems to discover rules and generalization, and is aimed primarily at students who have already mastered another language.
- 393 **RCHUMS 393 / LING 393.**  
**English Grammar and Writing.**  
 (4) : May not be repeated for credit.  
 (Excl).  
*RCHUMS 392. May not be applied toward any RC concentration or academic minor.*  
 A course in the generative analysis of English syntax, based on the observation that close attention to language is a useful skill for writing. We study the medium of writing - English syntax - with particular attention to the construction of effective phrases, sentences, and paragraphs, and their assembly into coherent and interesting writing. We analyze topics like relative clauses, subject and object complements, modal auxiliaries, negation, adverbial clauses, verb inversions, conjunction reduction, transitivity, prepositional phrases and government, pronominal coreference and deletion, and subject-verb agreement, among others. The ultimate goal of the course is to enable the habit of conscious attention to one's use of language.
- 410 **RCHUMS 410.**  
**Upperclass Literature Seminar.**  
 (4,4) : May be repeated for credit.  
 (Excl).  
 Varies in content from term to term. In principle the course explores in considerable depth aesthetic and critical problems in comparative literature. This can include the study of particular authors, general themes and motifs in a given period, literary theory, practical criticism, artistic creation.
- 411 **RCHUMS 411.**  
**Translation Seminar.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Reading proficiency in a foreign language. Upperclass standing.*  
 This seminar is concerned with the theory and practice of translating literature and with the recognition of the problems involved in the art of translation.
- 412 **RCHUMS 412.**  
**Seminar in Literature Topics.**  
 (2,2) : May not be repeated for credit.  
 (Excl).  
*Upperclass standing.*  
 An introduction to the range of comparative literature through topics representative of the discipline. Subjects vary but might include literary periods or movements , genres, themes, influence across national boundaries, relations between literature and other disciplines.
- 417 **RCHUMS 417 / MEMS 417.**  
**Epic and Saga.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 This course looks closely at early heroic works in English translation with special attention to literary values, cultural implications, and the movement from oral to written traditions.
- 425 **RCHUMS 425.**  
**Creative Writing Tutorial.**  
 (4,2) : May be repeated for credit for a maximum of 16 credits.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). Only open to RC Creative Writing concentrators.*  
 Independent programs in supervised writing.

- 426 **RCHUMS 426.**  
**Creative Writing Tutorial.**  
 (4,2) : May be repeated for credit for a maximum of 16 credits.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration).*  
 Independent programs in supervised writing.
- 427 **RCHUMS 427.**  
**Furlough Term in Creative Writing.**  
 (1-16,1-16) : May not be repeated for credit.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). RCHUMS 325 or 326.*  
 No description provided.
- 444 **RCHUMS 444.**  
**George Balanchine and the Transformation of American Dance.**  
 (3) : May not be repeated for credit.  
 (Excl).  
*RCHUMS 260 or 235 or DANCE 220; Upperclass standing.*  
 Examines the life and works of George Balanchine.
- 456 **RCHUMS 456.**  
**Video: Autobiography and Documentary.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Introductory video or film course.*  
 An advanced seminar integrating production and criticism of videotapes created by students. Selected books and articles, films, video-tapes, speakers, and field trips to media production facilities are part of the course. There is an end-of-term show.
- 457 **RCHUMS 457.**  
**Video Production Seminar: Fiction, Fantasy, Fairy Tale.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*FILMVID 290 or SAC 290.*  
 An advanced seminar in script-writing for video and video production stressing techniques appropriate to fiction, fantasy, and fairy tale.
- 470 **RCHUMS 470.**  
**Philosophy and Public Affairs.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Junior standing.*  
 Deals with a series of philosophical issues arising repeatedly in the making of public policy. Most of these issues have a complicated history, and some attention to their history is given, but the main emphasis is upon efforts to resolve these controversial matters by contemporary judges and philosophers.
- 472 **RCHUMS 472.**  
**Arts and Ideas Senior Seminar.**  
 (4,4) : May be repeated for credit for a maximum of 16 credits.  
 (Excl).  
 In depth study of a problem involving the close reading and comparison of literature and the visual arts. Topic changes each year: Representation of the Self; Semiotic Theory; Television Text Analysis; The New York School.

- 481 **RCHUMS 481.**  
**Play Production Seminar.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Permission of instructor.*  
 The course, an upper-level seminar for drama majors, is an intensive study of all the essential activities preparatory to the realization of a single full-length play production. The aim is to engage thoroughly and cooperatively in the preparation of a dramatic text for production, to discover what the chosen text contains and how it realizes its content in its intended medium, the theatre.
- 482 **RCHUMS 482.**  
**Drama Interpretation II: Performance Workshop.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*RCHUMS 280 and either RCHUMS 282 or playwriting.*  
 A workshop-style class which integrates the studies of playwriting, acting, and directing. Students of each art work with each other's material. The course culminates in an end-of-term production in which directors direct actors in original plays by playwrights.
- 483 **RCHUMS 483.**  
**Environmental Theater Production Workshop in the Arboretum.**  
 (2-4) : May be elected up to four times for credit. Repetition requires permission of the department.  
 (Excl).  
*Consent of instructor (Prerequisites enforced at registration). Previous acting, Shakespeare courses. IIIa.*  
 Students explore and develop a dramatic production, usually a Shakespearean play, set in various parts of the University's Nichol's Arboretum. They read, analyze, and rehearse the play during the first five weeks of class, followed by a series of public performances.
- 484 **RCHUMS 484.**  
**Seminar in Drama Topics.**  
 (4,4) : May be repeated for credit.  
 (Excl).  
*Upperclass standing, RCHUMS 280, and three 300- or 400-level drama courses.*  
 A course in specialized topics intended for upperclass drama students who have considerable experience in drama study at introductory, major figure and period/place levels. Subject matter varies from term to term and is appropriate to the needs of the students and the special competencies of the instructors.
- 485 **RCHUMS 485.**  
**Special Drama Topics.**  
 (1-2,1-2) : May be elected for a maximum of 4 credits. May be elected more than once in the same term.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). Sophomore standing.*  
 Special topics in drama.

### Undergraduate and Graduate Courses

- 480 **RCHUMS 480.**  
**Dramatic Theory and Criticism.**  
 (4,4;4,4) : May not be repeated for credit.  
 (Excl).  
*RCHUMS 280 and three drama courses.*  
 Explores major dramatic criticism from Aristotle to the present, treating such questions as plotting, characterization, generic conventions, and the effect of particular styles on an audience.

### RC Interdivisional RCIDIV 867

LSA  
 Residential College of Literature, Science, and the Arts  
 Residential College  
<http://www.rc.lsa.umich.edu/>

**Undergraduate Courses**216 **RCIDIV 216.****What is Mathematics?**

(3,3) : May not be repeated for credit.

(Excl).

*High school algebra.*

Focus on the nature of mathematical concepts and the scope and diversity of modern mathematical results. The framework is historical, with excursions into the modern developments of the gradually-accreting body of concepts and procedures. Emphasis is placed on making the abstract aspects of mathematics accessible and understandable, particularly the more counter-intuitive results and the more elegant proofs.

222 **RCIDIV 222.****Quantitatively Speaking.**

(4,4) : May not be repeated for credit.

(ID). (BS). (QR/1).

This course addresses meaning and application of quantitative reasoning through case studies (opinion polls, gender and ethnic research, verifying authorship). Not a traditional math or statistics course, but deals with both areas to teach "basic survival skills" in our number-intensive world.

230 **RCIDIV 230.****Personal Computing and Its Implications for Society.**

(4,4) : May not be repeated for credit.

(Excl).

Studies the implications for society of the revolution in micro-electronics brought about by the introduction of low-cost, portable, personalized computing systems. Personalized use of the time-sharing (MTS) and single-user systems (PET) are studied as well.

240 **RCIDIV 240 / ENVIRON 240.****Big Questions for a Small Planet: Introduction to Environmental Studies.**

(4,4) : May not be repeated for credit.

(Excl).

This course is an introduction to environmental studies. It surveys geological and ecological processes that support life and global dimensions of the relationship between human societies and their environments. It also examines the interactions of economics, equity, and resource consumption and evaluates several options for sustainable living.

318 **RCIDIV 318(ENVRNSTD 311) / ENVIRON 318.****Food, Land, and Society.**

(6) : May not be repeated for credit.

(ID).

*Consent of instructor required (Prerequisites enforced at registration). One year of college-level biology, environmental science or environmental studies; general ecology recommended.*

The course is a field-based introduction to ecology, especially as it applies to agricultural ecosystems; to the cultural and environmental history of food-production systems, especially in Michigan; and to the current ecological and socioeconomic crises in agriculture, especially as they affect biodiversity and the sustainability of rural communities.

320 **RCIDIV 320.****Technology and Culture in the Twentieth Century.**

(4) : May not be repeated for credit.

(Excl).

*None, but one prior course in the social sciences is recommended.*

This course explores the complex relationships between technology and culture in the 20th Century. Topics include: the growth of large-scale technological systems such as electric power, telecommunications, and nuclear weapons; the role of technology in the spread of consumer culture; ways in which ideas about gender and race shape technological change; technological disasters; and more. The focus of the course is primarily on America and Europe.

- 330 **RCIDIV 330.**  
**Information Technology and Global Politics.**  
 (4) : May not be repeated for credit.  
 (Excl).  
*None, but some experience with computers, Internet, and World Wide Web is recommended.*  
 This course explores information technology as the fundamental infrastructure of the contemporary globalization of knowledge and power. The course covers four major topics: war and military technology; the Internet, World Wide Web, and other global networks; multinational corporate power; and global environmental problems – examining how they are inter-related and what kinds of policy issues they raise.
- 350 **RCIDIV 350.**  
**Special Topics.**  
 (1,1) : May be elected for a maximum of 6 credits. May be elected more than once in the same term.  
 (Excl).  
*Offered mandatory credit/no credit.*  
 This course serves as a core "mini" course linking other courses with common interests within the Residential College. It serves as a resource for those courses, providing access to a common body of information and a shared forum for discussion.
- 351 **RCIDIV 351.**  
**Special Topics.**  
 (2,2) : May be repeated for credit. May be elected more than once in the same term.  
 (Excl).  
*Offered mandatory credit/no credit.*  
 Topics vary from term to term.
- 355 **RCIDIV 355.**  
**Nuclear War.**  
 (2,2) : May not be repeated for credit.  
 (Excl).  
 This course examines the history of nuclear war from 1945 to the present, including weapons development, political and military objectives and strategies, future developments, the role and responsibility of scientists and engineers, and the effects of nuclear war and of a nuclear arms race.
- 360 **RCIDIV 360.**  
**History of the New Biology.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*High school biology.*  
 Examines the development of recombinant DNA technology from its inception in 1972 to the present; emphasizes historical and social perspectives.
- 370 **RCIDIV 370.**  
**Western and Non-Western Medicine.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Permission of instructor.*  
 A cross-cultural offering in the sociology of knowledge, using basic concepts involved in health and medical practices of classical China, India, and the contemporary West.
- 391 **RCIDIV 391 / ENVIRON 391.**  
**Sustainability and the Campus.**  
 (3,3) : May not be repeated for credit.  
 (Excl).  
*An introductory course in environmental studies, global change, or related field (e.g., ENVIRON 201, 240, 270).*  
 This course covers the concepts and practice of environmental sustainability as they pertain to the campus of this university. Students design and conduct projects about managing this campus more sustainably than is currently practiced.

- 412 **RCIDIV 412.**  
**Politics for the Environment.**  
 (2,2) : May not be repeated for credit.  
 (Excl).  
 Deals with political and ethical questions which arise in the attitude of man and governments toward the environment.
- 430 **RCIDIV 430.**  
**Perspectives on High Technology Society.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Upperclass standing.*  
 This course examines the development and impact of advanced technology.
- 450 **RCIDIV 450.**  
**Science and Social Responsibility.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 This course explores the question of the social responsibilities of the scientist in contemporary society.

### **RC Interdivisional Science**    RCISCI 868

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#### **Undergraduate Courses**

- 340 **RCISCI 340.**  
**Junior Seminar in Psychology.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 The course deals with contemporary topics in psychology. The subject matter varies from term to term.
- 341 **RCISCI 341.**  
**The Developmental Approach.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 Various psychological processes are studied with emphasis on the changes that occur as children mature and learn. The study of such developmental changes can make an important contribution to our understanding of adult behavior.

### **RC Language**    RCLANG 870

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#### **Undergraduate Courses**

- 150 **RCLANG 150(RCCORE 150).**  
**Elementary French.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 This is a "phantom" course for reduced credit for the RC language courses. The student's responsibilities for RCLANG 190 are stated in the first day hand-outs and also in the French Program Booklet. Failure to fulfill these may result in a reduction of credit.

- 151 **RCLANG 151(RCCORE 151).**  
**Elementary German.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 This is a "phantom" course for reduced credit for the RC language courses.
- 154 **RCLANG 154(RCCORE 154).**  
**Elementary Spanish.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 This is a "phantom" course for reduced credit for the RC language courses.
- 190 **RCLANG 190(RCCORE 190).**  
**Intensive French I.**  
 (8,8) : May not be repeated for credit.  
 (Excl).  
*No credit granted to those who have completed or are enrolled in FRENCH 100, 101, 102, or 103.*  
 A beginning intensive course which provides a basic but solid knowledge of grammatical structures and syntax, a functional vocabulary, familiarity with intonation and pronunciation, and practice in speaking and writing. Upon completion of this course simple written texts can be understood and elementary conversations can be held. Equivalent to FRENCH 101 and 102.
- 191 **RCLANG 191(RCCORE 191).**  
**Intensive German I.**  
 (8,8) : May not be repeated for credit.  
 (Excl).  
*No credit granted to those who have completed or are enrolled in GERMAN 100, 101, 102, or 103.*  
 A beginning intensive course which provides a basic but solid knowledge of grammatical structures and syntax, a functional vocabulary, familiarity with intonation and pronunciation, and practice in speaking and writing. Upon completion of this course simple written texts can be understood and elementary conversations can be held. Equivalent to GERMAN 101 and 102.
- 193 **RCLANG 193(RCCORE 193) / RUSSIAN 103.**  
**Intensive First-Year Russian.**  
 (8,8) : May not be repeated for credit.  
 (Excl).  
*No credit granted to those who have completed or are enrolled in RUSSIAN 101, 102, 111, or 112.*  
 Equivalent of RUSSIAN 101 and 102 taught in one term. Designed for highly motivated students who wish to acquire rapid mastery of Russian. Emphasis is placed upon vocabulary building, speaking, and comprehension.
- 194 **RCLANG 194(RCCORE 194).**  
**Intensive Spanish I.**  
 (8,8) : May not be repeated for credit.  
 (Excl).  
*No credit granted to those who have completed or are enrolled in SPANISH 100, 101, 102, or 103.*  
 A beginning intensive course which provides a basic but solid knowledge of grammatical structures and syntax, a functional vocabulary, familiarity with intonation and pronunciation, and practice in speaking and writing. Upon completion of this course simple written texts can be understood and elementary conversations can be held. Equivalent to SPANISH 101 and 102.
- 195 **RCLANG 195(RCCORE 195) / LATIN 195.**  
**Intensive Latin I.**  
 (8) : May not be repeated for credit.  
 (Excl).  
 Students learn morphological, grammatical, and syntactic structures of Latin, and become acquainted with significant aspects of Roman culture. Skills are enhanced through writing, listening, and speaking.

- 196 **RCLANG 196 / ASIANLAN 129.**  
**Intensive Japanese I.**  
 (10) : May not be repeated for credit.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). No credit granted to those who have completed or are enrolled in ASIANLAN 125, 126, and 127.*  
 A thorough grounding is given in all the language skills (speaking, reading, writing, and listening) in this course. The oral component aims to provide students with the speaking and comprehension skills necessary to function effectively in practical situations. In the reading/writing component, *Hiragana, Katakana*, and 145 *Kanji* are introduced.
- 250 **RCLANG 250(RCCORE 250).**  
**Intermediate French.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 This is a "phantom" course for reduced credit for the RC language courses. The student's responsibilities for RCLANG 290 are stated in the first day hand-outs and also in the French Program Booklet. Failure to fulfill these may result in a reduction of credit.
- 251 **RCLANG 251(RCCORE 251).**  
**Intermediate German.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 This is a "phantom" course for reduced credit for the RC language courses.
- 254 **RCLANG 254(RCCORE 254).**  
**Intermediate Spanish.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 This is a "phantom" course for reduced credit for the RC language courses.
- 290 **RCLANG 290(RCCORE 290).**  
**Intensive French II.**  
 (8,8) : May not be repeated for credit.  
 (LR).  
*RCLANG 190. No credit granted to those who have completed or are enrolled in FRENCH 230, 231, or 232.*  
 The goal is to expand vocabulary and mastery of grammatical structures and syntax to the level of competency required to pass the Proficiency Exam. The Exam requires communication with some ease with a native speaker in speaking and in writing, and comprehension of the content of both a written and spoken text of a non-technical and non-literary nature. Equivalent to FRENCH 231 and 232.
- 291 **RCLANG 291(RCCORE 291).**  
**Intensive German II.**  
 (8,8) : May not be repeated for credit.  
 (LR).  
*RCLANG 191. No credit granted to those who have completed or are enrolled in GERMAN 230, 231, or 232.*  
 The goal is to expand vocabulary and mastery of grammatical structures and syntax to the level of competency required to pass the Proficiency Exam. The Exam requires communication with some ease with a native speaker in speaking and in writing, and comprehension of the content of both a written and spoken text of a non-technical and non-literary nature. Equivalent to GERMAN 231 and 232.
- 293 **RCLANG 293(RCCORE 293) / RUSSIAN 203.**  
**Intensive Second-Year Russian.**  
 (8,8) : May not be repeated for credit.  
 (LR).  
*RCLANG 193 or RUSSIAN 102 or 103. No credit granted to those who have completed or are enrolled in RUSSIAN 201 or 202.*  
 Equivalent of RUSSIAN 201 and 202 taught in one term. Special emphasis is placed on speaking, comprehension and vocabulary building. Recommended for students who intend to concentrate in Russian or REES.

- 294 **RCLANG 294(RCCORE 294).**  
**Intensive Spanish II.**  
 (8,8) : May not be repeated for credit.  
 (LR).  
*RCLANG 194. No credit granted to those who have completed or are enrolled in SPANISH 230, 231, or 232.*  
 The goal is to expand vocabulary and mastery of grammatical structures and syntax to the level of competency required to pass the Proficiency Exam. The Exam requires communication with some ease with a native speaker in speaking and in writing, and comprehension of the content of both a written and spoken text of a non-technical and non-literary nature. Equivalent to SPANISH 231 and 232.
- 295 **RCLANG 295(RCCORE 295) / LATIN 295.**  
**Intensive Latin II.**  
 (8) : May not be repeated for credit.  
 (LR).  
*LATIN 102, 103, or 193/504, or RCLANG 195.*  
 This course covers in one academic term the equivalent of two term in a non-intensive course. Through the study texts from a variety of authors and genres, students develop skills and strategies for reading increasingly complex Latin, and expand their understanding of the Roman world.
- 296 **RCLANG 296 / ASIANLAN 229.**  
**Intensive Japanese II.**  
 (10) : May not be repeated for credit.  
 (LR).  
*Consent of instructor required (Prerequisites enforced at registration). RCLANG 196. No credit granted to those who have completed or are enrolled in ASIANLAN 225, 226, and 227.*  
 Introduces all the basic grammatical elements with equal emphasis on oral, listening, reading, and writing skills. An additional 165 *Kanji* are introduced.
- 310 **RCLANG 310(RCCORE 310).**  
**Accelerated Review-French.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Permission of instructor.*  
 Designed for students with extensive background who are too advanced for second-year intensive but who are deficient in a basic skill area which would prevent success in a language readings course. Systematic review is presented through discussions, readings, and compositions, and students are prepared to pass the language proficiency exam.
- 311 **RCLANG 311(RCCORE 311).**  
**Accelerated Review-German.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). I.*  
 Designed for students with extensive background who are too advanced for second-year intensive but who are deficient in a basic skill area which would prevent success in a language readings course. Systematic review is presented through discussions, readings, and compositions, and students are prepared to pass the language proficiency exam.
- 314 **RCLANG 314(RCCORE 314).**  
**Accelerated Review-Spanish.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 Designed for students with extensive background who are too advanced for second-year intensive but who are deficient in a basic skill area which would prevent success in a language readings course. Systematic review is presented through discussions, readings, and compositions, and students are prepared to pass the language proficiency exam.

- 320 **RCLANG 320(RCCORE 320).**  
**Seminaire en français.**  
 (4,4) : May be repeated for credit.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). Proficiency test.*  
 Language skills are used and improved by reading, writing about, and discussing topics dealing with literature, culture, politics, and other socio-cultural areas. Classes are conducted in French and are usually on an informal lecture-discussion basis. Students are encouraged to participate fully in class discussions, which enables them to exchange ideas upon which their papers are based.
- 321 **RCLANG 321(RCCORE 321).**  
**Readings in German.**  
 (4,4) : May be repeated for credit.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). Proficiency test. Laboratory fee may be required.*  
 Language skills are used and improved by reading, writing about, and discussing topics dealing with literature, culture, politics, and other socio-cultural areas. Classes are conducted in German and are usually on an informal lecture-discussion basis. Students are encouraged to participate fully in class discussions, which enables them to exchange ideas upon which their papers are based.
- 323 **RCLANG 323(RCCORE 323).**  
**Russian Readings.**  
 (4) : May not be repeated for credit.  
 (Excl).  
*Proficiency in Russian (by RC standards). I.*  
 This course, taught in Russian, offers readings in Russian on topics which vary from year to year.
- 324 **RCLANG 324(RCCORE 324).**  
**Readings in Spanish.**  
 (4,4) : May be repeated for credit.  
 (Excl).  
*Consent of instructor required (Prerequisites enforced at registration). Proficiency test.*  
 Language skills are used and improved by reading, writing about, and discussing topics dealing with literature, culture, politics, and other socio-cultural areas. Classes are conducted in Spanish and are usually on an informal lecture-discussion basis. Students are encouraged to participate fully in class discussions, which enable them to exchange ideas upon which their papers are based.
- 340 **RCLANG 340.**  
**German in International Business Communication.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*GERMAN 232 or Proficiency Test.*  
 This course increases students' speaking and writing abilities in German, with particular emphasis on vocabulary peculiar to German business environment. Students are introduced to traditional German formats for written business communication.
- 370 **RCLANG 370(RCCORE 370) / FRENCH 370.**  
**Advanced Proficiency in French.**  
 (3,3) : May not be repeated for credit.  
 (Excl).  
*Two courses in FRENCH numbered 250 and above (Prerequisites enforced at registration).*  
 Designed for students who intend to study in France, this course includes: development of speaking skills in formal and informal contexts, initiation to writing formats customary in French universities. A rich cultural component helps prepare students socially and mentally as well as technically and intellectually.

**Undergraduate and Graduate Courses**440 **RCLANG 440.****German Politics and Literature, 1885-1916.**

(4,4;4,4) : May not be repeated for credit.

(Excl).

*Reading and speaking knowledge of German.*

Important writers from this period are studied within the social context in which they are produced, including economic life and political issues. Contemporary scientific, religious, and artistic currents as well as models from other European literatures are also covered.

**RC Math** RCMATH 873

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<http://www.rc.lsa.umich.edu/>**Undergraduate Courses**391 **RCMATH 391.****The Politics of Quantification.**

(4,4) : May not be repeated for credit.

(Excl).

This course attempts to combat arithmetical illiteracy which impedes functioning in political issues involving quantitative and relational (systems) arguments. Issues in triad energy, ecology, and economy that involve significant quantitative and logical components are analyzed, and math techniques related to information received from news and government sources are studied.

**RC Natural Science** RCNSCI 875

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<http://www.rc.lsa.umich.edu/>**Undergraduate Courses**104 **RCNSCI 104 / BIOLOGY 104.****Introduction to the Natural Sciences.**

(5) : May not be repeated for credit.

(NS). (BS).

*First- or second-year standing; written application to the Biological Station. Does not meet prerequisites for any of the biology concentration programs. Credit is granted for a combined total of 12 credits elected in introductory biology. IIIa at the Biological Station.*

An introduction to natural science designed specifically for non-science concentrators. The course is taught at the Biological Station.

214 **RCNSCI 214 / PHYSICS 214.****The Physicists and the Bomb.**

(4,4) : May not be repeated for credit.

(NS). (BS).

*High school mathematics.*

Course considers the role played by physicists in the development of the atom bomb, its precursors, and its aftermath. Technical, political, and ethical aspects and impact on literature, language and popular culture are considered.

220 **RCNSCI 220.****Development of Recombinant DNA Technology.**

(2,2) : May not be repeated for credit.

(Excl). (BS).

*Sophomore standing.*

This course examines the development of recombinant DNA technology from its inception in 1972 to the present and the forces that affected both promotion and control of the field.

- 232 **RCNSCI 232.**  
**History of Life.**  
 (4,4) : May not be repeated for credit.  
 (NS). (BS).  
 The course focuses on the historical development of life on earth as known from the fossil record and the diversity, ecology and adaptations of living organisms. Subjects include origins of species, limits and losses in biological diversity, extinction, biogeography, ecological context of human evolution.
- 250 **RCNSCI 250.**  
**Ecology, Development, and Conservation in Latin America.**  
 (4,4) : May not be repeated for credit.  
 (NS). (BS).  
*Reading and listening proficiency in Spanish; high school biology or environmental science.*  
 The course addressed problems of environmental conservation and social development in Latin America. It provides an introduction to topical plant ecology, plant biology, and biogeography, with emphasis on methods for ecological restoration of degraded ecosystems. Some required reading and some lecture and discussion in Spanish.
- 260 **RCNSCI 260.**  
**Science and Societal Issues: The Immune System.**  
 (4,4) : May not be repeated for credit.  
 (NS). (BS).  
*Introductory science course.*  
 This course provides a basic understanding of the immune system, a biological system that is a focus of current scientific research and of societal and ethical issues raised by the application of scientific knowledge to problems of human health.
- 263 **RCNSCI 263 / ENVIRON 263 / UP 263.**  
**Energy and the Environment.**  
 (4,4) : May not be repeated for credit.  
 (NS). (BS).  
*Two and one-half years of high school mathematics, or any college course in mathematics or natural science.*  
 Introduces the concepts of energy and the environment which then serve as a basis for discussion of pollution, scarcity of resources, possible technological catastrophe, and man's future.
- 265 **RCNSCI 265.**  
**New Reproductive Technologies.**  
 (4,4) : May not be repeated for credit.  
 (NS). (BS).  
 This course examines the medical, ethical, legal, and social aspects of contraception artificial insemination, in vitro fertilization, surrogate motherhood, embryo transfer and freezing, abortion, and sex determination, with an emphasis on the underlying reproductive physiology.
- 270 **RCNSCI 270.**  
**New Biotechnology: Scientific, Social and Historical Perspectives.**  
 (4,4) : May not be repeated for credit.  
 (NS). (BS).  
*High school biology.*  
 This course examines the scientific basis and history of recombinant DNA and other biogenetic technologies and explores social and ethical issues associated with their application in industry, medicine, agriculture, and by the military.
- 291 **RCNSCI 291 / ENVIRON 191.**  
**The Biodiversity of the United States.**  
 (1,1) : May not be repeated for credit.  
 (NS). (BS).  
 Surveys the taxonomic diversity, biogeography, ecological character, and conservation status of plants, animals, and ecosystems of the United States.

- 342 **RCNSCI 342.**  
**Quantum Mechanics and Relativity from an Historical and Philosophical Perspective.**  
 (4,4) : May not be repeated for credit.  
 (Excl). (BS).  
*A college-level course in math or physical science.*  
 A non-technical course for both science and non-science concentrators on quantum mechanics and relativity covering the evolution of the atomic theory of matter in the twentieth century. Personal reminiscences of scientific research, societal aspects, the "two cultures" controversy, and philosophical implications.
- 343 **RCNSCI 343.**  
**Scientific Change.**  
 (4,4) : May not be repeated for credit.  
 (NS). (BS).  
*Any introductory science course.*  
 The aims of the course are to provide an introduction to recent work in the natural sciences and to provide a critical examination of science and of the influence of its social and cultural environments.
- 415 **RCNSCI 415 / ENVIRON 414.**  
**Science and Politics.**  
 (4) : May not be repeated for credit.  
 (Excl). (BS).  
*One college-level science course.*  
 Introduction to historical, political, and technical dimensions of policy systems guiding U.S. scientific research and technical development. Examines issues and controversies and social dimensions of scientific knowledge.

### Undergraduate and Graduate Courses

- 419 **RCNSCI 419 / PUBPOL 519 / NRE 574.**  
**Sustainable Energy Systems.**  
 (3,3) : May not be repeated for credit.  
 (Excl).  
*Senior standing.*  
 Analysis and methods of analysis of energy use from physical, economic, behavioral and policy perspectives, emphasizing the projection of future demands for energy.

### RC Social Science RCSSCI 877

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### Undergraduate Courses

- 202 **RCSSCI 202.**  
**The Twentieth Century: A Global View.**  
 (4,3) : May not be repeated for credit.  
 (SS).  
 Provides an historical background for current affairs and focuses on the global developments in the twentieth century, e.g., the impact of advanced industrialization, mass or consumer society, the shifting balance of powers, roots and development of the North-South Conflict.
- 220 **RCSSCI 220 / SOC 220.**  
**Political Economy.**  
 (4,4) : May not be repeated for credit.  
 (SS).  
 This course uses the approach of a critical social science, exemplified by political economy, to analyze major institutional sectors of modern society such as the state, education, and bureaucracy. The analysis is applied to questions of inequality, to relations between advanced industrial societies and the Third World, and to patterns of response to these developments including successful and unsuccessful revolutions of the modern era.

- 221 **RCSSCI 221.**  
**20th-Century Imperial Era.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 Explores social, cultural, political, and religious history.
- 222 **RCSSCI 222 / SOC 222.**  
**Strategies in Social Interaction: An Introduction to Game Theory.**  
 (4) : May not be repeated for credit.  
 (SS). (QR/2).  
*No credit granted to those who have completed or are enrolled in ECON 398 or 409.*  
 This course explores human society from the interdisciplinary social science perspective of contemporary game theory, the theory of strategies in social interaction. The course combines a systematic exposition of elementary game theory with an examination of several applications in particular disciplines as well as experimental in-class workshops.
- 230 **RCSSCI 230.**  
**Alternative Approaches to Economic Development.**  
 (4,4) : May not be repeated for credit.  
 (SS).  
 This course focuses on the economics of Africa, Asia, and Latin America, on the changes that their past involvement in the global economy have brought and the possibilities for the future. Aimed at freshmen and sophomores, the course juxtaposes different theories against different case studies, the discipline of history against economics, and the possibilities for future changes against the experience of the past.
- 241 **RCSSCI 241.**  
**Democratization in Brazil, Russia, and South Africa: Three Case Studies.**  
 (4,4) : May not be repeated for credit.  
 (SS).  
 Comparative examination of democratization processes of the 1980's and '90's in historical, political, economic context using three case studies: Brazil, South Africa, Russia. Course introduces perspectives of various social science disciplines.
- 254 **RCSSCI 254 / PSYCH 224.**  
**Mind and Brain in the Creative Process.**  
 (4) : May not be repeated for credit.  
 (SS).  
*Sophomore standing.*  
 An exploration of various domains of the creative process with an emphasis on psychological and neuropsychological correlates. Biological, cultural, and social factors are studied as they interact in promoting, limiting, and shaping creative activity.
- 260 **RCSSCI 260.**  
**Sources of Social Science Theory.**  
 (4,4) : May not be repeated for credit.  
 (SS).  
 Explores in depth arguments of four or five major western thinkers of the past century in the social sciences. Their writings are used to engage in a dialectic about the nature of modern society and its fundamental problems.
- 265 **RCSSCI 265.**  
**Problems of Socialization and Resocialization in Contemporary Society.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 Considers healthy human growth, identity development, issues of personal and social alienation and problems of resocialization in bureaucratic institutional settings.

- 271 **RCSSCI 271.**  
**Technology, Politics, and Culture.**  
 (3,3) : May not be repeated for credit.  
 (SS).  
 Technological development is a major feature of the social, cultural, and political landscape of the 20th century. The process of rapid change has become an integral part of our material lives, imaginations, political struggles, and cultural vocabulary. This course explores technological development in historical perspective, with a particular focus on the political and cultural dimensions of technological change.
- 275 **RCSSCI 275.**  
**Social Dynamics of Science, Technology, and Medicine.**  
 (4) : May not be repeated for credit.  
 (SS).  
*Sophomore standing.*  
 Political, social, and cultural aspects of science, technology, and medicine. Using case studies drawn from agriculture, information technology, medicine and other fields, this course provides an introduction to major theories, methods, concepts, and approaches used in the field of Science, Technology, and Society.
- 280 **RCSSCI 280 / SOC 280.**  
**Moral Choice in Context: Social-Psychological and Historical Perspectives.**  
 (4,4) : May not be repeated for credit.  
 (SS).  
*Sophomore standing.*  
 This course examines the contexts in which, and the processes by which, profound moral choices are made. It does so through close analyses of individuals' choices within laboratory settings – especially Milgram's experiments – and within selected historical situations. Methodological issues are also central, including the core question of social science's capacity to illuminate the moral realm.
- 290 **RCSSCI 290.**  
**Social Science Basic Seminar.**  
 (1) : May not be repeated for credit.  
 (Excl).  
*Offered mandatory credit/no credit.*  
 This seminar is designed for students (especially sophomores) who are seriously considering a social science concentration in the Residential College. It is taught by various members of the RCSSCI staff. The content varies, but the basic format remains the same. The seminar is a prerequisite to concentration.
- 295 **RCSSCI 295.**  
**Quantitative Approaches to Social Science Questions.**  
 (4,4) : May not be repeated for credit.  
 (MSA). (BS). (QR/2).  
*High school algebra.*  
 An introduction to quantitative methods as tools for formulating and answering social science questions. Imparts skills in defining research questions, evaluating published studies and carrying out quantitative analyses of real world data. Students carry out an original research project, from data collection through data analysis to presentation of results.
- 301 **RCSSCI 301.**  
**Social Science Theory I: From Social Contract to Oedipus Complex.**  
 (4,4) : May not be repeated for credit.  
 (SS).  
*At least one 200-level social science course. I.*  
 This course examines closely theories about society, political economy, religion, and knowledge developed in Europe from the late 18th to the 20th centuries. Readings include texts by Rousseau, Kant, Hegel, Marx, Engels, Mill, Darwin, Weber, Durkheim and Freud; their implications for the representation, analysis, and transformation of societies are considered.

- 302 **RCSSCI 302.**  
**Contemporary Social and Cultural Theory.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Social Science 301 or equivalent (as determined by the instructor).*  
 This course develops students' skills in social and cultural analysis by exploring several major developments in sociocultural theory since the 1920s. Primary emphasis is given to recent developments such as poststructuralism, theories of practice, cultural marxism, feminism and postmodernism, but these are also contextualized by examination of earlier developments such as existentialism, structuralism and inter-war marxism.
- 305 **RCSSCI 305.**  
**Society and the Environment.**  
 (4,4) : May not be repeated for credit.  
 (SS).  
*Background in social sciences and environmental studies helpful.*  
 We investigate society and behavior by exploring humankind's relationship with the biophysical environment. We attempt to accomplish two related objectives: (1) a better understanding of how society functions and of how humans behave by looking at our interactions with nature, natural resources, and the larger biophysical environment; and (2) a better understanding of our present environmental situation by investigating the forces that shape our society.
- 306 **RCSSCI 306.**  
**Environmental History and Third World Development.**  
 (3,3) : May not be repeated for credit.  
 (SS).  
 Survey of selected major ecosystems of the non-Western world under stress from human use, including consumption and exploitation patterns and policy strategies. Emphasis on historical evolution under colonial regimes and global economic trends.
- 310 **RCSSCI 310 / HISTORY 310.**  
**Globalization in History: the Making of the Modern World.**  
 (4) : May not be repeated for credit.  
 (SS).  
*Sophomores and above.*  
 Provides students with a broad history of globalization, tracing the origins and development of basic patterns of global interactivity, networking, and exchange. It offers a global perspective on histories and problems in historiography that are usually treated in a regional context.
- 311 **RCSSCI 311 / SOC 311.**  
**Contemporary Globalizations.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 Interdisciplinary course examining the evolution of the national and international institutions that have regulated the global political economy since World War II. It explores the interactions between these aspects of the global social system and the global ecosystem.
- 315 **RCSSCI 315.**  
**International Grassroots Development.**  
 (4) : May not be repeated for credit.  
 (SS).  
 This course looks at how different definitions of "the poverty problem" drive different solutions to world poverty proposed by governments, aid agencies, religious groups and grassroots organizations. The course gives students an idea of what it's really like to work in the field of development, at home or abroad.
- 320 **RCSSCI 320.**  
**Exploring Alternatives to Capitalism.**  
 (4,4) : May not be repeated for credit.  
 (SS).  
*RCSSCI 220 or ECON 407.*  
 Reviews briefly critiques of capitalism and examines in detail various concepts of socialism advanced by critics of capitalism, both from a theoretical perspective and in light of the experience of actually existing real-world varieties of socialism.

- 330 **RCSSCI 330.**  
**Urban and Community Studies I.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 An interdisciplinary course using faculty and community resources to provide a broad exposure to urban settings and the forces at work within them.
- 334 **RCSSCI 334.**  
**Oral History I.**  
 (4) : May not be repeated for credit.  
 (Excl).  
*Sophomore standing.*
- 340 **RCSSCI 340.**  
**Urban and Community Studies II: Field Experience.**  
 (1-16,1-16) : May not be repeated for credit.  
 (Excl).  
*RCSSCI 330.*  
 Involves the student in the community either as a research worker or as a participant observer in an urban institution such as a government unit, a political group, a voluntary organization, or business.
- 342 **RCSSCI 342.**  
**Urban Research.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Permission of instructor.*
- 344 **RCSSCI 344 / HISTORY 344.**  
**The History of Detroit in the 20th Century.**  
 (4) : May not be repeated for credit.  
 (SS).  
*Sophomore standing.*  
 This course treats 20th century Detroit as an industrial boomtown, shaped and conditioned by the rise and fall of the automobile industry. It is especially concerned with the way ethnic and racial cleavages and class conflicts have shaped the urban landscape and the workplace.
- 345 **RCSSCI 345.**  
**Community Strategies Against Poverty in the United States.**  
 (4) : May not be repeated for credit.  
 (SS).  
*Sophomore standing.*  
 This course analyzes the changing context of poverty and anti-poverty strategy in the United States, emphasizing community-level initiatives to improve standards of living. The first half focuses on the nature and sources of urban poverty in the contemporary U.S. and on the evolution of efforts to combat poverty since World War II. The second half addresses a variety of community-based initiatives in recent decades to overcome urban poverty.
- 350 **RCSSCI 350.**  
**The Making of the State.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Sophomore standing.*  
 The state, its formation, and its effect on social and personal life is discussed. The first part of the course provides historical and anthropological background and discusses pre-modern states. The second part covers the emergence of the modern state in Europe, connecting it to the development of capitalism as a world system and to the transformation of family life.

- 354 **RCSSCI 354.**  
**Nonviolence in Action.**  
 (4) : May not be repeated for credit.  
 (ID).  
 Students study philosophies that motivate nonviolent action, including the tenets of five major religions; learn how nonviolent social movements have worked in different cultural contexts; practice responding to arguments that justify war and aggression; and teach peace in the community.
- 356 **RCSSCI 356.**  
**Mind, Brain, and Violence.**  
 (4) : May not be repeated for credit.  
 (Excl).  
*Sophomore standing.*  
 An exploration of the various forms of human violence with an emphasis on psychological and neuropsychological correlates. Biological factors, especially brain-based, and social factors, such as poverty, racism, and the details of interpersonal relationships, are studied as they interact in the genesis of violence and violent crime.
- 357 **RCSSCI 357 / HISTORY 345.**  
**History and Theory of Punishment.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
 The changing patterns of crime and punishment in American history are described and analyzed. Its principle concern is to establish the long-term relationship between changing patterns of criminal activity and the changing structures of policing and punishment, and to link both themes to the larger transformations of American society since the colonial period.
- 360 **RCSSCI 360.**  
**Social Science Junior Seminar.**  
 (3-4,3-4) : May be repeated for credit for a maximum of 12 credits.  
 (Excl).  
*Upperclass standing.*  
 The subject matter varies from term to term depending on the interests and expertise of the faculty involved.
- 365 **RCSSCI 365.**  
**Excellence, Equity, and the Politics of Education.**  
 (4) : May not be repeated for credit.  
 (SS).  
 Focuses on educational equity and American schooling: (1) the social distribution of educational resources, opportunities, and outcomes; (2) the role of schooling in reproducing prevailing economic, political, and social relationships; and (3) the contradictions between the societal functions of schooling and the professed goals of educators.
- 374 **RCSSCI 374.**  
**Race, Gender, and Empire in the Nuclear Age.**  
 (4) : May not be repeated for credit.  
 (Excl). (R&E).  
*Junior standing and permission of the instructor.*  
 This course explores the hidden side of the nuclear age: the Africans, Native Americans, Australian Aborigines, and Pacific Islanders who mined uranium or who endured nuclear tests in their homelands. How have conceptions of race, gender, and empire shaped the technological and scientific choices of the nuclear age, and vice-versa?
- 379 **RCSSCI 379 / HISTORY 379.**  
**History of Computers and Networks.**  
 (4) : May not be repeated for credit.  
 (SS).  
*Junior standing. Familiarity with computer concepts helpful but not required.*  
 Development, use, and impact of computers from the ancient world to the present. Focus on social, political, and cultural context of post-1939 digital computers and computer networks. Relevant to anyone interested in the history, politics, and culture of technology. Nontechnical.

- 381 **RCSSCI 381.**  
**Unteaching Racism.**  
 (4,4) : May not be repeated for credit.  
 (Excl). (R&E).  
 The goals of this community-based learning course are to come to grips with the ways U.S. racism and white supremacy have shaped us individually and personally; to expand our knowledge of how racism is taught, learned, practiced, and institutionalized in U.S. communities; to learn ways to talk and write about racism in different contexts and with different audiences; and to practice "un-teaching" racism in the local community.
- 382 **RCSSCI 382.**  
**History of Time.**  
 (4) : May not be repeated for credit.  
 (Excl).  
 Interdisciplinary seminar exploring the concepts, technologies, social uses, and personal experience of time from a variety of perspectives, and on macro, meso, and micro scales. History of timekeeping technology and of scientific conceptions of time; contrastion concepts of time in non-Western, premodern and modern Western cultures; individual experience of time as shaped by timepieces and social institutions.
- 385 **RCSSCI 385.**  
**Democracy in the Workplace.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Introductory sociology or social science course.*  
 This course investigates the theory and practice of changing work organizations. It covers specific experiments in workplace organization throughout the world and analyzes their historical and economic contexts and their internal structures.
- 388 **RCSSCI 388.**  
**Transitions to Capitalism.**  
 (4,4) : May not be repeated for credit.  
 (SS).  
*A 200-level Social Science course.*  
 This course examines one of the most basic transformations in economic and social history by a close comparison of two cases, England from the late 17th century through the early phases of the industrial revolution, and southern Africa in the late 19th and early 20th centuries.
- 399 **RCSSCI 399.**  
**Practicum in Community Studies.**  
 (2-4,2-4) : May not be repeated for credit.  
 (Excl). (EXPERIENTIAL).  
*RCSSCI 330.*  
 Provides students with direct field experience in the context of a local community agency or other field setting, with supervision and instruction by academic staff.
- 440 **RCSSCI 440.**  
**Urban and Community Studies III: Problems of Urban Policy Change.**  
 () : May not be repeated for credit.  
 (Excl).  
*RCSSCI 340.*  
 A course on problems in urban policy change. Content varies by term and instructor.
- 441 **RCSSCI 441.**  
**Urban and Community Studies IV: Workshop in Changing Urban and Community Policy.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*RCSOCSCI 440.*  
 A workshop on studies in changing urban and community policy. Content varies by term and instructor.

- 442 **RCSSCI 442.**  
**World Urbanism.**  
 (4,4) : May not be repeated for credit.  
 (Excl).  
*Junior standing and permission of instructor.*
- 443 **RCSSCI 443.**  
**Urban Change.**  
 (4,4) : May not be repeated for credit.  
 (Excl).
- 460 **RCSSCI 460.**  
**Social Science Senior Seminar.**  
 (4,4) : May be repeated for credit.  
 (Excl).  
*Senior standing.*  
 Examines approaches to the social sciences and significant social trends in the late twentieth century from an interdisciplinary perspective. Subject matter varies from term to term depending on the interests of the faculty and students involved.
- 461 **RCSSCI 461.**  
**Senior Seminar.**  
 (3,3) : May not be repeated for credit.  
 (Excl).  
 Examines approaches to the social sciences and significant social trends in the twentieth century from an interdisciplinary perspective. Subject matter varies from term to term.
- 462 **RCSSCI 462.**  
**Politics of Chemical and Biological Warfare and Disarmament.**  
 (4) : May not be repeated for credit.  
 (Excl).  
*Course in world politics, world history.*  
 An interdisciplinary research seminar that addresses topics in the history and politics of biological and chemical warfare and disarmament and emphasizes development of research skills. The seminar explores ways in which problems in this field are framed, both in terms of theoretical assumptions and in terms of geopolitical perspective.
- 463 **RCSSCI 463 / SOC 453.**  
**Mexican Labor in North America.**  
 (4) : May not be repeated for credit.  
 (Excl).  
*Upperclass standing.*  
 This course examines the situation of workers in Mexico's *maquiladora* or export processing zone just south of the border with the USA, in its agricultural sector, and in the various sectors of the US economy where migrant workers from Mexico are found. We are interested in the conditions of work that these people face, how they have been changing over time, and what explains those trends. The centerpiece of the course is a 1-week field trip to Nogales, Sonora (a *maquila* city of about 300,000, located one hour south of Tucson, AZ) during Spring Break.
- 467 **RCSSCI 467.**  
**Student-Faculty Research Project I.**  
 (2-4,2-4) : May be repeated for credit.  
 (Excl).  
*Permission of instructor.*  
 Students and faculty are involved in a joint project to do extensive field research on major trends and issues of the late twentieth century.

471 **RCSSCI 471.**  
**Culture as Environment: Worldviews and Cultural Agendas.**

(4) : May not be repeated for credit.

(Excl).

*Junior standing.*

This course provides an opportunity to learn intensively about a particular Native American group in the context of the long and continuing struggles of Native communities in the Americas to survive during the onslaught of European and Euroamerican conquest and settlement. The course investigates various groups' origin stories, spiritual world views, resource ecology, land struggles and cultural agendas.

488 **RCSSCI 488 / HISTORY 497.**  
**Technology, Colonialism, and Development.**

(3) : May not be repeated for credit.

(Excl).

*Permission of instructor.*

This course explores the role of technology in the historical processes of colonialism and development. We pay close attention to the diversity of the historical actors involved in these processes, and focus on the ways in which politically and culturally constructed technologies are involved in the power relationships between different social groups.