899. Contemporary Issues  Topics in Telecommunication  Approval of department.  
R: Open only to majors in Telecommunication.  

900. Communication Arts  Open only to Ph.D. students in Communication Arts.  
R: Approval of department.  

901. Special Topics in Telecommunication  Open only to graduate students in Telecommunication.  
R: Approval of department.  

916. Qualitative Research Methods  Open only to Ph.D. students in Mass Media and Communication.  
R: Approval of department.  

919. Appeals  Procedures,tions.  

921. Media Theory  Open only to Ph.D. students in Mass Media and Communication.  
R: Approval of department.  

930. Law and Public Policy of the Media  Open only to Ph.D. students in Mass Media.  
R: Approval of department.  

955. Media Economics  Open only to Ph.D. students in Communication Arts and Sciences-Mass Media or Communication or approval of department.  
R: Approval of department.  

956. Media Economics  Open only to Ph.D. students in Communication Arts and Sciences-Mass Media or Communication or approval of department.  
R: Approval of department.  

975. Quantitative Research Design  Open only to majors in Theatrical department.  
R: Not open only to majors in Theatre or approval of department.  

302B. Classical Acting: Comedy  Open only to majors in Theatre or approval of department.  
R: Not open only to majors in Theatre.  

310. Acting for Non-majors  Open only to majors in Theatre.  
R: Approval of department.  

311. Production Practicum  Open only to majors in Theatre.  
R: Approval of department.  

312. Design and Techniques  Open only to majors in Theatre or Journalism.  
R: Approval of department.  

341. Beginning Play Directing  Open only to majors in Theatre or approval of department.  
R: Not open only to majors in Theatre.  

401. Contemporary Acting II  Open only to majors in Theatre or approval of department.  
R: Approval of department.  

402. Voice Studio  Open only to juniors and seniors in Theatre.  
R: Approval of department.  

410. Oral Interpretation  Open only to seniors.  
R: Approval of department.  

THEATRE  THR  

Department of Theatre  Open only to majors in Theatre or Journalism.  
R: Approval of department.  

THEATRE  THR  

College of Arts and Letters  

100. Theatre and Society  Open only to majors in Theatre or Journalism.  
R: Approval of department.  

101. Acting I  Open only to majors in Theatre or Journalism.  
R: Approval of department.  

211. Production Design: Scene and Lighting  Open only to majors in Theatre or Journalism.  
R: Approval of department.  

216. Production Design: Costumes, Props and Makeup  Open only to majors in Theatre or Journalism.  
R: Approval of department.  

290. Independent Study  Open only to majors in Theatre or Journalism.  
R: Approval of department.  

300B. Production  Open only to majors in Theatre or approval of department.  
R: Approval of department.  

360A. Classical Acting: Tragedy  Open only to majors in Theatre or approval of department.  
R: Approval of department.  

360B. Classical Acting: Comedy  Open only to majors in Theatre or approval of department.  
R: Approval of department.  

401. Contemporary Acting II  Open only to majors in Theatre or approval of department.  
R: Approval of department.  

402. Voice Studio  Open only to seniors.  
R: Approval of department.  

410. Oral Interpretation  Open only to seniors.  
R: Approval of department.  

A-196
441. Stage Lighting Design
Fall of odd-numbered years, 3(2-2)
P: THR 211. R: Not open to freshmen and sophomores.
Theory and practice in lighting design and equipment. Application of light to stage production through play analysis, color theory, and the development of lighting plot.

442. Stage Costume Design
Spring of odd-numbered years, 3(2-2)
P: THR 212. R: Not open to freshmen and sophomores.
Creating stage dress through script, color, and fabric analysis. Practical application through rendering and fabrication.

443. Make-up
Spring, 3(2-2)
P: THR 212. R: Not open to freshmen.
Theory and application of two-dimensional and three-dimensional make-up for the stage.

444. Scene Design
Fall of even-numbered years, 3(2-2)
P: THR 211. R: Not open to freshmen and sophomores.
Creating stage setting through script, color, and architectural analysis. Practical application through rendering and technical drawing.

445. Scene Painting
Fall of even-numbered years, 3(0-6)
A student may earn a maximum of 6 credits in all enrollments for this course.
P: THR 211.
Techniques in scene painting for drops, scenery units and floor treatment for a variety of theatrical spaces.

451. Dance Studio: Classical Forms
Fall, 3(0-6)
A student may earn a maximum of 9 credits in all enrollments for this course.
R: Open only to theatre majors. Approval of department.
Intensive practice in theatre dance forms with an emphasis on performance. Selected dance idioms and specialized styles that enhance the development of the dancer as a performing artist.

452. Dance Studio: Theatrical Forms
Spring, 3(0-6)
A student may earn a maximum of 9 credits in all enrollments for this course.
R: Open only to theatre majors. Approval of department.
Intensive practice in emphasizing forms of musical theatre dance, coordinated with the department's production program.

453. Labanotation
Fall of odd-numbered years, 3(2-2)
R: Not open to freshmen and sophomores.
Theory and practice of Labanotation with emphasis on noting movement, reading noted scores, and analyzing movement theory.

454. Choreography and Dance Production
Spring of even-numbered years, 3(2-2)
P: THR 451 or THR 461.

455. History of Dance to 1900
Fall of even-numbered years, 3(3-0)
R: Not open to freshmen and sophomores.
Overview and anthropological perspective on selected ethnic forms of dance. Emphasis on dance idioms and dance artists as cultural expressions.

456. History of Dance since 1900
Spring of odd-numbered years, 3(3-0)
R: Not open to freshmen and sophomores.
Overview and anthropological perspective on dance. Modern dance artists and theorists. Contributions of theatrical dance forms.

459. Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Not open to freshmen and sophomores. Approval of department. Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

460. Movement Studio
Fall, Spring, 2(0-4)
A student may earn a maximum of 4 credits in all enrollments for this course.
P: THR 101. R: Open only to seniors and juniors in Theatre.
Intensive practice in advanced techniques for developing the physical awareness and movement range of the actor.

472. Senior Seminar
Spring, 2(2-0)
P: THR 341. 15 credits in Theatre. R: Open only to seniors in Theatre.
Contemporary theatre, dance, and performance theory and practice.

475. Performance Tour
Fall, Spring, 3(0-6)
A student may earn a maximum of 6 credits in all enrollments for this course.
R: Acceptance into cast of touring production. Rehearsal for and participation in the various departmental touring productions.

500. Theatre Research Methodology
Fall, 3(3-0)
R: Open only to graduate students in Theatre.
Research techniques appropriate to theatre. Library resources.

501. Practicum in Theatre Arts: Acting
Fall, Spring, 3(0-8)
A student may earn a maximum of 18 credits in all enrollments for this course.
R: Open only to graduate students in Theatre.
Acting skills and techniques, including improvisation and Stanislavskian techniques.

502. Stage Voice
Fall. 2(0-4)
A student may earn a maximum of 6 credits in all enrollments for this course.
R: Open only to graduate students in Theatre.
Principles and exercises for developing the speaking voice. Application to selected dramatic texts.

503. Acting Theory
Spring of even-numbered years, 3(3-0)
R: Open only to graduate students in Theatre.
Theories, processes, techniques, and styles of acting set forth in the writings of prominent performers, teachers and critics.

511. Problems in Theatre Design
Spring, 3(2-2)
A student may earn a maximum of 15 credits in all enrollments for this course.
R: Open only to graduate students in Theatre.
Approaches to design problems in costumes, scenery, lighting, architecture, properties, or sound.

512. 20th Century Theatrical Design
Fall of odd-numbered years, 3(3-0)
R: Open only to graduate students in Theatre.
Scene design concepts of 20th century through selected work of Appia, Craig, and others.

513. Period Resources for Directors and Designers
Fall of even-numbered years, 3(3-0)
R: Open only to graduate students in Theatre.
Methodology for researching historical customs and artifacts that directors and designers adapt for use in sets, props, costumes, and directing.

514. Studies in Theatre History
Fall, Spring of even-numbered years, 3(3-0)
A student may earn a maximum of 12 credits in all enrollments for this course.
R: Open only to graduate students in Theatre.
Selected periods and genres of world theatre history. Theatre as cultural expression and as performance art. Topics vary.

515. Studies in Comparative Theatre and Drama
Fall, Spring, 3(3-0)
A student may earn a maximum of 12 credits in all enrollments for this course.
Interdepartmental with English, Comparative study of selected playwrights, developments, movements, and trends in world drama from their beginnings to the present.

516. Dramatic Theory and Criticism
Fall, 3(3-0)
P: THR 300 or approval of department. R: Open only to graduate students in Theatre.
Critical and theoretical texts on drama from the early Greeks to the present.

517. Advanced Directing Practices
Spring of even-numbered years, 3(2-2)
A student may earn a maximum of 8 credits in all enrollments for this course.
R: Open only to graduate students in Theatre.
Directing theory and practice in contemporary theatre, including research and experimentation.

518. Independent Study
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 9 credits in all enrollments for this course.
R: Open only to graduate students in Theatre or approval of department.
Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.
URBAN PLANNING

Department of Geography
College of Social Science

201. The Role of Planning in Urban and Regional Development
Fall, 3(3-0)
Contemporary urban issues, historical contexts, and the role of planning in the solutions of the problems faced by cities and their surrounding regions.

231. Presentation Techniques
Fall, 20-4
R: Open only to students in College of Social Science. Not open to students with credit in LA 220. Uses of graphic, photographic, video, and computer generated media to make presentations to clients and community groups.

232. Site Design for Planners and Developers
Fall, 20-4
P: UP 291. R: Open only to students in the College of Social Science. Description: Site design for a development project: soils, drainage, elevations, view, topography, utilities, wetlands, and other elements.

313. Introduction to Data Analysis for Urban and Regional Planners
Fall, 3(2-2) Interdepartmental with Geography.
P: CPS 100 or CPS 130 or CPS 131; UP 201. Data gathering analysis, information presentation, and basic techniques of urban planning. Application of related computer programs and software.

314. Methods for Investigation of Urban Systems
Spring, 3(2-2) Interdepartmental with Geography.
P: UP 313. Models, approaches, and techniques for urban and regional problem analysis and plan formulation.

220. Principles and techniques of environmental and land use planning. Environmentally sensitive management of growth and change at both urban and regional levels.

354. Real Estate Project Design
Spring, 4(2-4)
P: UP 233. Subdivision design, criteria, and standards. Integrating activities, structures, and spaces on parcels of varying sizes and configurations.

356. Local Economic Planning
Spring, 3(3-0)
P: UP 201, RC 201 or approval of department. The economic component of comprehensive community planning. Taxation and services delivery, fiscal health and physical and social development of a community.

400. Special Topics in Urban Planning
Fall, odd numbered years, 2 to 4 credits. R: Open only to juniors and seniors in Urban and Regional Planning. Issues and problems in contemporary urban planning.

TRANSCOLLEGIATE COURSES

Office of the Provost

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Office of the Provost

290. Civilization, Food Crops and the Environment (D)
Fall, Spring. 3(3-0) Administered jointly by the College of Agriculture and Natural Resources and College of Social Science. The College of Agriculture and Natural Resources is the primary administrative unit. P: IAH 201, one 200-level IBS course, one IBS or ISP course. R: Open only to freshmen. Role of the major food crops in the survival of civilizations and cultures from the past to the present, and the resulting environmental impacts.

311. Issues in the Information Society
Fall, Spring. 3(2-2) Administered jointly by the College of Communication Arts and Sciences and the College of Social Science. The College of Communication Arts and Sciences is the primary administrative unit. P: Two IAH courses, one ISP course or one ISP course, one IBS course. R: Open only to seniors. Integration of social, economic, technological, and public policy issues raised by the spread of information technologies and services in a post-industrial society.

320. Science, Technology and Values
Fall, Spring. 3(3-0) Administered jointly by the College of Arts and Letters. P: Completion of Tier 1 writing requirement. Two IAH courses, one ISP course, one ISP course, two IBS courses. R: Open only to seniors. The relationship of science to social and value issues. National decision-making utilizing scientific information. Controversies involving scientific findings concerning human nature.

307. Feminist Perspectives on Women in Culture and Society
Fall, Spring. 3(3-0) Administered by the College of Arts and Letters. P: One IAH course, one ISP course, one ISP course, one IBS course. R: Open only to seniors. Feminist perspectives on women and gender involving questions of gender diversity and socialization, political movements, sexual orientation, work, and feminist theories.

308. Scientific Rationality and Cultural Relativism (D)
Spring. 3(3-0) Administered by the College of Arts and Letters. P: Completion of Tier 1 writing requirement, two IAH courses, one ISP course, two IBS courses. R: Open only to seniors. Conflicting conceptions of rationality embodied in the theory and practice of contemporary sciences and humanities. The historical roots of scientific rationality and implications for questions of cultural diversity.

309. Energy, the Environment and Human Development
Fall, Spring, 3(3-0) Administered jointly by the College of Agriculture and Natural Resources, College of Natural Science, and College of Social Science. The College of Natural Science is the primary administrative unit. P: One IBS course, one ISP course. R: Open only to juniors and seniors. Basic physics. Sources of energy, energy expenditure, and environmental effects. International energy strategies.

365. Growing Up and Coming of Age in Three Societies (D)
Fall, Spring, Summer. 3(3-0) Administered by the College of Education. P: One IAH course, one ISP course, one ISP course, one IBS course. R: Open only to juniors and seniors. Basic physics. Sources of energy, energy expenditure, and environmental effects. International energy strategies.

376. Nutrition and Food Choices: Decisions and Dilemmas
Spring. 3(3-0) Administered by the College of Human Ecology. P: One ISP course, one ISP course or one ISP course, one IBS course. R: Open only to seniors. Nutritional issues and food choices from the individual to the global level. Influence of science, history, values, culture, ethics, and political and social systems on nutritional options and food choices.

381. The Science of Sound from Pythagoras to Digital
Fall, Spring. 3(3-0) Administered by the College of Natural Science, College of Social Science, College of Communication Arts and Sciences, and College of Arts and Letters. The College of Natural Science is the primary administrative unit. P: Completion of Tier 1 writing requirement. Two IAH courses, one ISP course, one ISP course, two IBS courses. R: Open only to juniors and seniors. Introduction to acoustics emphasizing basic physical, physiological, and psychological principles with application to speech, communications, musical instruments, room acoustics, and analog and digital audio.