

**Descriptions — Telecommunication  
Courses**

**877. Comparative and International  
Telecommunication**  
Spring, 3(3-0)

Comparison of various national approaches to broadcasting, cable, satellite and telephone systems. Policy, economic, institutional and content issues. Interactions and media flows among countries. International regulatory bodies.

**890. Independent Study**

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.

R: Open only to graduate students in Telecommunication. Approval of department; application required. Individualized study under faculty supervision.

**891. Special Topics in Telecommunication**  
Fall, Spring, 3(3-0)

R: Open only to graduate students in the College of Communication Arts and Sciences or approval of department.

Contemporary issues. Topics vary.

**899. Master's Thesis Research**

Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

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

**916. Qualitative Research Methods**

Spring, 3(3-0) Interdepartmental with Journalism and Advertising. Administered by Journalism. R: Open only to Ph.D. students in Mass Media and Communication.

Qualitative research in mass and specialized communication systems. Topics include documentary, bibliographic, case study and participant observation methods.

**921. Media Theory**

Fall, 3(3-0) Interdepartmental with Advertising and Journalism. Administered by Advertising.

R: Open only to Ph.D. students in Mass Media and Communication.

Process and effects of mediated communication. Audiences, socialization, and persuasion. Macro-societal, and intercultural perspectives. Theory construction.

**930. Law and Public Policy of the Media**

Fall, 3(3-0) Interdepartmental with Journalism and Advertising. Administered by Journalism.

R: Open only to Ph.D. students in Mass Media. Philosophical, legal, political, and statutory principles underlying law and public policy applied to media. Selected issues involving constitutional law, common law, statutes, and administrative policy.

**960. Media and Technology**

Spring, 3(3-0) Interdepartmental with Advertising and Journalism.

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

Theoretical frameworks concerning media and communication processes, and their interactions with technology. Social, organizational, critical, and economic perspectives.

**965. Media Economics**

Spring, 3(3-0) Interdepartmental with Advertising and Journalism.

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

Economic theory and analysis relevant to the mass media. Economic structure and performance of mass media and advertising industries. Competition among media and within related industries.

**975. Quantitative Research Design**

Fall, 3(3-0) Interdepartmental with Advertising and Journalism. Administered by Advertising.

P: One graduate-level research design or statistics course. R: Open only to Ph.D. students in Mass Media. Survey, experimental and content-analytic techniques applied to the study of media. Academic and applied research methods. Univariate and multivariate techniques.

**THEATRE**

**Department of Theatre  
College of Arts and Letters**

**100. Theatre and Society**

Fall, Spring, 3(2-2)

Theatre as social comment. Translation of social vision into dramatic art. Demonstration and application of theatrical conventions, play genres, and production techniques.

**101. Acting I**

Fall, Spring, 3(2-2)

Improvational exercises, creative exercises, monologue and scene study.

**211. Production Design: Scenery and Lighting**

Fall, Spring, 3(0-6)

Technical aspects of the design and construction of stage scenery and lighting.

**212. Production Design: Costumes, Props and Makeup**

Fall, Spring, 3(0-6)

Technical aspects of the design and construction of stage costumes and props. Materials and techniques related to theatrical makeup.

**290. Independent Study**

Fall, Spring, 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

R: Open only to freshmen and sophomores. Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

**300B. Production**

Fall, Spring, Summer. 1 credit. A student may earn a maximum of 6 credits in all enrollments for this course.

R: Approval of department.

Assisting with box office, publicity, costume shop, scene shop, or running crew for department productions.

**301. Contemporary Acting I**

Spring, 3(0-6)

P: THR 101. R: Open only to majors in Theatre or approval of department.

Intensive practicum including scene study, rehearsal and performance of works by playwrights such as Chekhov, Ibsen, Strindberg, Pirandello, and Pinter.

**302A. Classical Acting: Tragedy**

Fall, 3(0-6)

P: THR 101. R: Open only to majors in Theatre or approval of department.

Intensive training in classical acting based on texts by Greek and Elizabethan playwrights such as Aeschylus, Sophocles, Euripides, and Shakespeare.

**302B. Classical Acting: Comedy**

Fall, 3(0-6)

P: THR 101. R: Open only to majors in Theatre or approval of department.

Intensive training in classical acting based on Roman, Commedia, and Manners comedies by playwrights such as Plautus, Terence, Goldoni, Wycherly, and Congreve.

**310. Acting for Non-majors**

Fall, Spring, 3(2-2)

P: THR 101. R: Not open to majors in Theatre.

Emphasis on vocal interpretation and characterization. Department play attendance required.

**311. Production Practicum**

Fall, Spring, 5(0-10)

P: THR 211, THR 212.

Intensive experience participating in the production program of the department.

**312. Design Media and Techniques**

Spring of even-numbered years. 3(2-2)

P: THR 211 or THR 212.

Rendering and design techniques for effective costume and scenic design.

**341. Beginning Play Directing**

Fall, Spring, 3(0-6)

P: THR 311.

Intensive practicum in concepts and techniques of stage directing. Stage design, movement, tableaux, and analysis.

**350. Plays as Film**

Fall, 3(2-2)

P: Completion of IAH requirement.

A comparison of plays and musicals that are also films, with emphasis on structural changes from the play to film.

**401. Contemporary Acting II**

Spring, 3(0-6)

P: THR 301 or THR 302A or THR 302B. R: Open only to majors in Theatre or approval of department.

Intensive practicum including scene study, rehearsal, and performance of works by twentieth-century American playwrights such as Williams, Miller, O'Neill, Albee, and Odets.

**402. Voice 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 juniors and seniors in Theatre.

Intensive practicum in advanced techniques for developing physical awareness in voice as an instrument of expression.

**409. Auditioning**

Fall, 2(0-4)

P: THR 301 or THR 302A or THR 302B or THR 401. R: Open only to seniors. Approval of department.

Theory and practice of techniques used for production casting in the theatre and elsewhere. Monologues, cold readings, and improvisations. Interview and resume preparation.

**410. Oral Interpretation**

Spring, 3(2-2)

P: THR 101.

Selecting, interpreting and performing dramatic and non-dramatic literature for an audience. Reading for sense, instant characterization through vocal expressiveness, and audience control.

- 411. 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.
- 412. 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 draping and fabrication.
- 413. 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.
- 414. 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.
- 415. 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.
- 421. Creative Dramatics**  
Fall, Spring. 3(2-2)  
R: Not open to freshmen and sophomores.  
Techniques for developing playmaking, story dramatization and improvisational skills in young people. Emphasis on school, camp and recreational use.
- 422. Children's Theatre**  
Spring of odd-numbered years. 3(2-2)  
R: Not open to freshmen and sophomores.  
Development and application of skills for producing traditional or improvised performances for children. Projects may originate with play script and culminate in audience assessment.
- 431. History of Theatre to 1850**  
Fall of even-numbered years. 3(3-0)  
R: Not open to freshmen and sophomores.  
Theory and practice from mythic and cultic origins to the beginning of stage realism. Emphasis on theatre as an expression of its social and cultural matrix.
- 432. History of Theatre since 1850**  
Spring of odd-numbered years. 3(3-0)  
R: Not open to freshmen and sophomores.  
Crisis and change in theatre architecture and dramatic forms. Dominance of commercial theatre, the rise of educational theatre, and the impact of high technology.
- 441. Advanced Play Directing**  
Spring. 3(0-6)  
P: THR 341.  
Advanced directing skills, theories and techniques applied to the non-realistic play. Works selected from Shakespeare, the musical theatre, and other non-realistic forms used as practicum.
- 450. 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 juniors and seniors in Theatre.  
Intensive practicum in advanced techniques for developing the physical awareness and movement range of the actor.
- 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 practicum 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 practicum 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 notating movement, reading notated scores, and analyzing movement theory.
- 454. Choreography and Dance Production**  
Spring of even-numbered years. 3(2-2)  
P: THR 451 or THR 452.  
Intensive practicum in choreography. Principles and methods of dance production.
- 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.
- 490. 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.
- 492. 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.
- 494. 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.
- 800. Theatre Research Methodology**  
Fall. 3(3-0)  
R: Open only to graduate students in Theatre.  
Research techniques appropriate to theatre. Library resources.
- 801. 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.
- 802. 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.
- 803. 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.
- 811. 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.
- 812. 20th Century Theatrical Design**  
Fall of odd-numbered years. 3(3-0)  
R: Open only to graduate students in Theatre.  
Scenic design concepts of 20th century through selected work of Appia, Craig, and others.
- 813. 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.
- 831. Studies in Theatre History**  
Fall of odd-numbered years, Spring of odd-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.
- 832. 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.
- 833. Dramatic Theory and Criticism**  
Fall. 3(3-0)  
P: THR 800 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.
- 841. Advanced Directing Practices**  
Spring of even-numbered years. 3(2-2) A student may earn a maximum of 6 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.
- 890. Independent Study**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 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.

**Descriptions — Theatre of Courses**

**894. Special Projects in Theatre**  
*Fall, Spring. 1 to 4 credits. A student may earn a maximum of 10 credits in all enrollments for this course.*

*R: Open only to graduate students in Theatre. Approval of department.*  
 Special projects related to specific assignments in acting, directing, or design in departmentally approved production.

**899. Master's Thesis Research**  
*Fall, Spring, Summer. 2 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.*

*R: Open only to graduate students in Theatre.*  
 Directed research leading to a master's thesis, used in partial fulfillment of Plan A master's degree requirements.

**990. Doctoral Independent Study**  
*Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 24 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 doctoral student and a faculty member in areas supplementing the regular course offerings.

**999. Doctoral Dissertation Research**  
*Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 99 credits in all enrollments for this course.*

*R: Open only to doctoral students in Theatre.*

**TRANSCOLLEGIATE COURSES**

**TCC**

**Office of the Provost**

**289. Civilizations, Food Crops and the Environment (I)**

*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 ISS course, one ISB or ISP course. R: Not open 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.

**301. 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: One IAH course, one ISB course or one ISP course, one ISS course. R: Not open to freshmen and sophomores.*  
 Integration of social, economic, technological, and public policy issues raised by the spread of information technologies and services in a post-industrial society.

**302. Science, Technology and Values**

*Fall. 3(3-0) Administered by the College of Arts and Letters.*

*P: Completion of Tier I writing requirement. Two IAH courses, one ISB course, one ISP course, two ISS courses. R: Open only to juniors and seniors.*  
 The relationship of science to social and value issues. Rational decision-making utilizing scientific information. Controversies involving scientific findings concerning human nature.

**303. Scientific Rationality and Cultural Relativism (D)**

*Spring. 3(3-0) Administered by the College of Arts and Letters*

*P: Completion of Tier I writing requirement, two IAH courses, one ISB course, one ISP course, two ISS courses. R: Open only to juniors and 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.

**304. 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 ISB course, one ISP course. R: Open only to juniors and seniors.*  
 Basic physics. Sources of energy, energy expenditure, and environmental effects. International energy strategies.

**305. 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 ISS course, completion of Tier I writing requirement. R: Not open to freshmen and sophomores.*  
 Diverse disciplinary and cultural perspectives of childhood and youth. Continuity and change in families and schools. Factors such as ethnicity, race, gender, and political philosophies. Focus on three contrasting societies.

**307. Feminist Perspectives on Women in Culture and Society**

*Fall. 3(3-0) Administered by the College of Arts and Letters.*

*P: One IAH course, one ISB course, one ISP course, one ISS course. R: Open only to juniors and seniors.*  
 Feminist perspectives on women and gender involving questions of gender diversity and socialization, political movements, sexual orientation, work, and feminist theories.

**310. Nutrition and Food Choices: Decisions and Dilemmas**

*Spring. 3(3-0) Administered by the College of Human Ecology.*

*P: One IAH course, one ISB course or one ISP course, one ISS course. R: Not open to freshmen.*  
 Nutritional issues and food choices from the individual level to the global level. Influence of science, history, values, culture, ethics, and political and social systems on nutritional options and food choices.

**321. The Science of Sound from Pythagoras to Digital**

*Fall, Spring. 3(3-0) Administered jointly 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 I writing requirement. Two IAH courses, one ISB course, one ISP course, two ISS courses.*  
 Introduction to acoustics emphasizing basic physical, physiological, and psychological principles with application to speech, communications, musical instruments, room acoustics, and analog and digital audio.

**URBAN PLANNING UP**

**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. 2(0-4)*

*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.

**233. Site Design for Planners and Developers**  
*Fall. 2(0-4)*

*P: UP 231. R: Open only to students in the College of Social Science.*  
 Designing a site 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.

**323. Land and Environmental Planning**  
*Fall. 3(3-0)*

*P: UP 201.*  
 Principles and techniques of environmental and land use planning. Environmentally sensitive management of growth and change at both urban and regional levels.

**334. 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.

**344. Ethics and Politics in Planning (W)**  
*Spring. 3(3-0)*

*P: UP 201. R: Completion of Tier I writing requirement.*  
 Political impact of community decision-making on planning. Ethics and values of professional practice.

**354. Local Economic Planning**  
*Spring. 3(3-0)*

*P: UP 201, EC 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 of 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.