

### Prerequisites to Graduate Work

Admission to graduate study at the master's level normally requires 36 quarter hours or 24 semester hours of undergraduate work in mass communication fields. Students with undergraduate majors in fields other than mass communication will be considered for admission on an individual basis; she/he may be required to take undergraduate course work in appropriate mass communications courses as part of her/his program. In special circumstances, a student with appropriate professional background may be admitted to advanced study. A student who has obtained a master's degree in mass communication from an accredited institution may be admitted to advanced graduate study beyond the master's level if the School judges that her/his record indicates potential for successful advanced work.

### Requirements for the Master's Degree

Two plans of study (Plan I and Plan II) are available to students pursuing the master's degree. To meet the minimum requirements for a degree under either plan, the student must successfully complete nine hours of core course requirements: MCOM 500 (1 hour); MCOM 505 (3 hours); MCOM 510 (2 hours) and MCOM 511 (3 hours), plus at least six hours of MCOM 600-level courses.

*Plan I*, the 30 semester hour thesis option, requires a planned program of 15 hours of course work in addition to the core courses and completion and successful oral defense of a master's thesis and related topics.

*Plan II*, the 36 semester hour nonthesis option, requires a planned program of 21 hours of course work in addition to the core courses and successful completion of a comprehensive written examination based on course work and a list of required readings.

### Requirements for the Ph.D. Degree

The basic requirements for the Ph.D. degree are established by the Graduate Council of the Graduate College and are published elsewhere in this catalog. Each candidate should read them carefully as well as the information below.

The Ph.D. degree in mass communication requires a minimum of 60 semester hours beyond the master's degree. Students must successfully complete core courses: MCOM 505, MCOM 506, MCOM 511 or 611 and MCOM 610. Additional minimum requirements include three to six hours of Research Practicum (MCOM 698), 16 hours of 600- and 700-level courses in MCOM, successful presentation of three major papers and the dissertation proposal. An approved research tool sequence of three courses or its

equivalent beyond the minimum 60-hour requirement is also obligatory.

Ph.D. candidates must pass a qualifying examination, a written preliminary examination and an oral defense of a completed dissertation. The dissertation must be an appropriate culmination of the candidate's program of study and should represent scholarly research appropriate in method and subject to the degree program.

The following areas are presented as areas of strength within the doctoral program and thus represent broad areas within which doctoral dissertations are being written: mass communication, international communication, law and policy, and theory and methodology.

All requirements are detailed in doctoral guidelines available to applicants and to enrolled candidates for the degree.

### Areas of Study in Mass Communication

The student seeking an M.A. degree may specialize in a number of sub-areas including, but not limited to, audio, video and film writing and production, programming, audience research, newspaper journalism, magazine journalism, photojournalism, broadcast journalism, public relations, media management, new communications technology, mass communication theory, media history and criticism, mass communication law, international/development communication and mass media research. The doctoral student may specialize in media law and policy, international/development communication or mass communication and related social research. Interdisciplinary study by taking cognate courses in related areas is encouraged on both the M.A. and Ph.D. levels.

### Courses for Graduates

**MCOM 500. Introduction to Mass Communication Study** (1) I. Survey of field of mass communication studies. Introduces primary and secondary resources and approaches to study of mass communication. Graded S/U.

**MCOM 503. Assistantship Activities** (1) I, II, Summer. Practicum in assistantship requirements, activities and problems. Must be taken by all graduate assistants. Graded S/U.

**MCOM 505. Introduction to Mass Communication Research** (3) I. Development of research literature in mass communication including major psychological and sociological streams. Role of theory construction in social science. Includes introduction to mass communication research and techniques.

**MCOM 506. Introduction to Qualitative Methods** (3) I. Methods of researching and presenting historical, legal and critical problems relating to mass communication.

**MCOM 510. Proseminar in Mass Communication** (1) I, II. Study of general or cross-disciplinary topics. May be repeated with permission of adviser. Graded S/U.

**MCOM 511. Master's Seminar in Mass Communication Theory** (3) I. Examines development of research literature in mass communication. Considers the role of theor construction in social science. May be repeated with permission of adviser.

**MCOM 520. History of American Broadcasting** (3) I. Technical and economic development of radio and television in the United States; programs and personalities of broadcast industry since its inception.

**MCOM 521. Regulation of American Broadcasting** (3) II. Roles of federal, state and local government, broadcasting industry, and public in regulation of American radio and television.

**MCOM 522. Educational Broadcasting** (3) I. Role of educational radio and television station in formal and informal education. Program planning from inception through production, scheduling, evaluation.

**MCOM 523. History and Criticism of Film** (3) II. Early development of technology and production of motion picture; film as art as viewed by filmmakers and critics.

**MCOM 524. Producing and Directing for Television** (3) I. Advanced theory and practice of television program production and directing; creative, experimental program forms. Laboratory fee.

**MCOM 525. Producing and Directing for Film** (3) I. Producing, writing, directing, editing 16mm films; experimentation with new and creative techniques. Laboratory fee.

**MCOM 526. Writing for Radio, Television and Film** (3) II. Practical and theoretical applications of writing technique in radio, television and film. Style and development in content realization.

**MCOM 527. Programming in Radio and Television** (3) I. Programming techniques in broadcast scheduling and program planning. Commercial and educational network and local station format; image development in radio and television.

**MCOM 528. Broadcast Station Management and Operations** (3) I. Broadcast management functions, advertising, network and labor relations, internal organizational structure, operational procedures.

**MCOM 570. Readings in Mass Communication** (1-3) I, II. Supervised independent program of tailored readings in selected topics, issues or problems pertinent to student's interests or needs. Proposed program must be approved by instructor prior to registration. May be repeated. Graded S/U.

**MCOM 580. Graduate Seminar in Mass Communication** (1-3) I, II, Summer. Selected theoretical or practical problems in mass communication, including specialized areas such as broadcast journalism, newspaper or magazine journalism, public relations, photojournalism, international development/communication, radio-television-film, etc.

**MCOM 589. Internship in Mass Communication** (1-3) I, II, Summer. Supervised practical field application of a mass communication specialization in a professional setting. Prerequisites: Core and basic M.A. courses in student's specialization, plus consent of supervising professor. Graded S/U.

**MCOM 595. Workshop on Current Topics in Mass Communication** (1-3) On demand. Readings, experiences; topics vary from semester to semester. May be repeated on approval of director of graduate studies.

**MCOM 598. Research Problems in Mass Communication** (1-3) On demand. Directed research in mass communication, including specialized areas such as broadcast journalism, newspaper or magazine journalism, public relations, photojournalism, international communication or development, radio-television-film, etc. Prerequisites: consent of instructor and MCOM 505 or 506.

**MCOM 599. Thesis Research** (1-9) I, II, Summer. Enrollment in excess of four hours may be taken during a plan I master's program, but no more than four hours is creditable toward degree.

**MCOM 603. Fellowship Activities** (1) I, II, Summer. Practicum in fellowship requirements, activities and problems. Must be taken by all graduate fellows. Graded S/U.

**MCOM 604. Seminar in Descriptive Methods** (3) II. Exploration of descriptive methods employed in broadcasting research, especially survey research.

**MCOM 610. Proseminar in Mass Communication** (1) I, II, Summer. Study of general or cross-disciplinary topics. Prerequisite: consent of instructor. May be repeated with permission of adviser. Graded S/U.

**MCOM 611. Seminar in Mass Communication Theory** (3) II. Advanced study of mass communication theory. Prerequisites: MCOM 511 or equivalent. May be repeated with permission of adviser.

**MCOM 612. Seminar in Mass Communication Law** (3) Alternate years. Mass communication legal theory, case studies, practice. Prerequisites: MCOM 402 or consent of instructor. May be repeated.

**MCOM 613. Seminar in International Communication** (3) I, II. In-depth or advanced study of selected topics in international and/or development communication. Consent of instructor required. May be repeated.

**MCOM 614. Seminar in Mass Communication History** (3) Alternate years. Advanced study of mass communication history or some aspect thereof. Consent of instructor required. May be repeated.

**MCOM 620. Critical Analysis of Radio, Television and Film** (3) II. Critical views that have dominated the evolution of mass media theory and criticism are described and evaluated. The concerns and norms of film and broadcast criticism are compared and contrasted, and further developed for future use in original research projects.

**MCOM 670. Readings in Mass Communication** (3) I, II. Supervised independent program of tailored readings in selected topics, issues or problems pertinent to student's interests or needs. Proposed program must be approved by instructor prior to registration. May be repeated. Graded S/U.

**MCOM 680. Graduate Seminar in Mass Communication** (1-3) I, II, Summer. Selected cross-disciplinary theoretical or practical problems in mass communication.

**MCOM 689. Internship in Mass Communication** (1-3) On demand. Supervised practical field application of a mass communication specialization in a professional setting. Prerequisites: Core and basic courses in student's specialization, plus consent of supervising professor. Graded S/U.

**MCOM 698. Research Problems in Mass Communication** (1-3) On demand. Directed research on general or cross-disciplinary mass communication topics. Prerequisite: consent of instructor and MCOM 505 or 506.

**MCOM 799. Dissertation Research** (1-16) I, II, Summer. Student must register for minimum of 16 hours in 799 while working on doctoral dissertation; may be repeated to 36 hours in degree program.

## Courses for Graduates and Undergraduates

**MCOM G402. Journalism Law and Ethics** (3) I, II, Summer. Legal concept of freedom of the press, constitutional guarantees, libel, privacy, copyright, broadcast regulation, contempt, obscenity, ethical problems, right to know.

**MCOM G403. The Editorial** (3) I. Techniques of persuasive and critical writing and the role of editorial opinion in modern mass media.

**MCOM G414. Supervision of High School Publications** (3) II. For teachers or prospective teachers of high school journalism or advisers of school newspapers or yearbooks. Problems of editorial supervision, business management and production.

**MCOM G431. Interpretive Reporting** (3) I. Research and writing of in-depth reports, interpretive news, profiles, background stories, news analyses. Investigative reporting of current events and issues.

**MCOM G432. Newsroom Decision Making** (3) II. Newspaper editorship, goal setting, problem analysis, readership analysis, publication conception and creation, staff management.

**MCOM G433. Government and the News Media** (3) I. Origins and concept of freedom of information and evolution in constitutional law and judicial decisions; contemporary problems of censorship in publishing, broadcasting and film.

**MCOM G435. Press and Society** (3). Press as institution; its role, content, effects and responsibilities as a cultural force in society.

**MCOM G440. Public Relations Techniques** (3) I, II. Application of public relations theories, tools and techniques to the public relations campaign. Research, planning and execution are practiced.

**MCOM G470. Foreign Press Systems** (3) I. Social, economic and political factors, organization and controls in the national news and information systems problems. Practical projects or intensive reading to meet needs of student's special interests. Prerequisite: consent of instructor.

**MCOM G471. International Media Networks** (3) II. Factors affecting flow of world news and public information; regional and international networks.

**MCOM G490. Special Problems in Journalism** (1-3) I, II, Summer. Research problems, practical projects or intensive reading to meet needs of student's special interests. Prerequisite: Instructor's consent.

## Mathematics and Statistics

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### Graduate Degrees Offered

The Department of Mathematics and Statistics offers the Master of Arts, the Master of Arts in Teaching and the

Doctor of Philosophy degree programs. The Master of Science in Applied Statistics is offered jointly with the Department of Applied Statistics and Operations Research. This program is described on page 37 of this catalog. In addition, a mathematics supervision program is available which leads to a Specialist in Education degree. The mathematics supervision program is described on page 86 of this catalog.

### Prerequisites to Graduate Work

The preferred foundation for graduate work in the department is a college major in mathematics or a closely related area. A student with less than this level of preparation may be accepted if it appears that he/she is prepared to pursue graduate work with profit. Minimum preparation consists of a full year in differential and integral calculus and two courses for which calculus is a prerequisite. An applicant should submit Graduate Record Examination scores.

### Requirements for the Master's Degree

To earn the Master of Arts degree in mathematics, the student must satisfy all of the University requirements for the degree. He or she must complete at least 30 hours of credit in graduate course work, with at least 18 of these credits earned in mathematics courses numbered 500 or above, excluding MATH 590, MATH 591 and MATH 595. In addition, the student must satisfy all the requirements in one of the three Groups A, B or C as described below.

The *group A* required courses are MATH 533, 534, 565, 566.

The *group B* required courses are MATH 565, 541, 542 and two additional courses in specialized areas of statistics selected from among MATH 544, 545, 546, 547, 549, 571, 640.

The *group C* required courses are MATH 439, 561, 518, 568 and 569.

Group A is designed for students who are interested in obtaining a broad background in pure mathematics, or who are interested in pursuing a Ph.D. degree in mathematics.

Group B is intended for students interested in mathematical statistics. This track can also lead to further study toward the Ph.D. in mathematical statistics with the addition of MATH 566.

Group C is intended for students interested in applied mathematics (scientific computation). Students entering the program who intend to follow the Group C option are expected to have completed courses in linear algebra, advanced calculus, ordinary differential equations, and programming in FORTRAN 77 OR PASCAL before (or soon after) entry.

Each of the three programs may be accomplished under plan I (thesis) or plan II (nonthesis) as described elsewhere in this catalog. Cognate courses