

Stanford University Bulletin

Courses and Degrees
1987-1988



108. Topography and Monuments of Greece —
A survey of the principal cities, sanctuaries, and historical places from the Mycenaean era to the Roman period. Familiarizes students with the physical setting of Greek history and culture, and prepares students for travel and study in Greece.
3-4 units, Win (Munn)

109. The City of Athens—The history and archaeology of ancient Athens from the Bronze Age to the Roman period, focusing on the city in the time of Pericles and Socrates.
3-4 units, given 1988-89

119. The Evolution of Civilization and Landscape in the Aegean—The relationship between cultural history and physical environment in Greece and the Aegean from prehistory to present, focusing on the Bronze Age and Classical period. The influence of land and landscape on economic, social, and political orders. Environmental factors conducive to cultural change and cultural continuity. Geological and archaeological evidence in the light of classical authors and contemporary practices.
3 units, given 1988-89

120. Greek Vase-Painting—(Same as Art 102.) A survey of Greek vases and their painters from the Protogeometric period onwards. Emphasis to the masters of Athenian black-figure and red-figure painting, and to the problems involved in distinguishing individual hands.
4 units, Aut (Maxmin)

127. Archaeological Practicum.
2 units, Aut, Win, Spr (M. L. Munn)
F 2:15-4:05

160. Individual Work in Human Settlement and Landscape in the Aegean.
by arrangement

Courses at the 200 level are mainly for graduate students.

201. Beyond the Development of Attic Black-Figure Painting—(Enroll in Art 201.)
4 units, Spr (Maxmin)

260. Individual Work in Human Settlement in Landscape in the Aegean.
by arrangement

360. Dissertation Research.
1-15 units, any quarter (Staff)
by arrangement

INDO-EUROPEAN LINGUISTICS

253. Comparative Grammar of Greek and Latin.
5 units, Win (Devine)

PROGRAM IN THE HISTORY OF SCIENCE

The Classics Department participates in the History of Science Program. For a description

of the program see the section "History of Science Program" in this bulletin.

138A,B.C. Introduction to Cosmology —
(Same as History 138A,B,C, History of Science 138 A,B,C, Philosophy 138 A,B,C.) A three-quarter sequence on the history of the exact sciences, emphasizing cosmology. Technical aspects of the classical theories (Ptolemaic and Copernican), including mathematics, astronomy, physics, and chemical theory, together with speculative aspects in natural philosophy and theology..

138A. Ancient Period—(DR:3; also satisfies Area 6 when taken in sequence with 138B.)
4 units, Win (Knorr)

138B. Middle Ages to Newton—(DR:3; also satisfies Area 6 when taken in sequence with 138A.)

4 units, given 1988-89

138C. Newton to Einstein—(DR:3)
4 units, Spr (Knorr)

140. Topics in the History of Mathematics: From Antiquity to the 17th Century—(Enroll in History of Science 140, Math 181, same as Philosophy 140.)
3 units, Spr (Knorr)

COMMUNICATION

Emeriti: (Professors) Nathan Maccoby, Lyle M. Nelson, Wilbur Schramm, (Adjunct Professor) Julian Blaustein, (Lecturer) Jules Dundes

Chairman: Steven H. Chaffee

Director, Institute for Communication Research: Donald F. Roberts

Director, John S. Knight Fellowships for Professional Journalists: James V. Risser. Managing Director: Harry N. Press

Director, Mass Media Institute: Jules Dundes
Professors: Elie Abel, Henry S. Breitrose, Steven H. Chaffee, Byron B. Reeves, William L. Rivers (on leave, Winter, Spring), Donald F. Roberts (on leave, Autumn). By Courtesy: Richard A. Brody, Michael L. Ray, Eugene J. Webb

Assistant Professors: Jeremy Cohen, June Flora, Clifford Nass

Professors (Teaching): Ronald Alexander, Marion Lewenstein (on leave Autumn), James V. Risser

Associate Professor (Teaching): Kristine Samuelson (on leave, Spring)

Lecturers: Jules Dundes, Jim Mitchell, Harry Press, Susan Sutton, Paul Voakes

Consulting Professor: Edwin B. Parker

The Department of Communication engages in research in communication and offers curricula leading to the A.B., A.M., and Ph.D. degrees. The Master of Arts degree prepares students for careers in journalism or documentary film. The Ph.D. degree leads to careers in teaching and research or other related specialties.

The Institute for Communication Research offers research experience primarily to advanced Ph.D. students.

The John S. Knight Fellowship Program brings promising mid-career professional journalists to the University to study for nine months in a non-degree program. Twelve U.S. journalists are joined by six International Fellows sponsored by Reuter Foundation, the German Marshall Fund of the United States, the John J. McCloy Fund, and others.

ADMISSION

All prospective undergraduate students should write the University's Office of Admissions, Stanford University, Stanford, California 94305.

All prospective graduate students should write to the Graduate Admissions Office.

The department requires that applicants for graduate admission include verbal and quantitative scores from the Graduate Record Examination (area scores are optional).

UNDERGRADUATE PROGRAM

BACHELOR OF ARTS

The undergraduate curriculum is intended for liberal arts students who wish to build a fundamental knowledge of the communication function in society. Undergraduate majors take a core group of seven courses within the Communication Department, plus a selection of elective courses. In addition, undergraduate students will take one class in statistics and one class in elementary computer science programming, both offered in other departments. A student may be exempt from the computer sciences class if its equivalent has been taken in high school.

The core courses include both practicum and theory courses in media and society, print and broadcast journalism, visual communication (film/videotape), and communication research. Through electives, including an optional senior project, students may choose to build greater depth in any of these areas.

To be recommended for the Bachelor of Arts degree in Communication, students must com-

plete at least 50 units and preferably not more than 60 units within the Communication Department, plus statistics and computer science (unless exempted from the latter). Not more than 12 units of transfer credit or Summer Session credit may be applied to meet department requirements. The seven core courses equal 33 units. An additional 17 elective units must be taken within the Communication Department. In addition, a statistics course offered in the Psychology, Statistics, or Human Biology Departments is 5 units and the computer science course is 4 units.

The statistics and computer science courses may be taken for Pass/No credit. All Communication Department courses required to fulfill departmental requirements must be taken for a letter grade unless offered only for Pass/No credit.

CURRICULUM

1. Students should declare the major during either the sophomore or junior year. Prior to, or concurrent with declaring a major in communication, students must have completed:

Communication 1, Mass Communication and Society (core course)

and have completed, or be enrolled in:

Psychology 60, or Statistics 60, or Statistics 70, or equivalent course

Computer Science 105A or 105B or equivalent

These three courses are prerequisites, in varying combinations, for the remaining six core courses, which may be taken in any sequence (as long as additional prerequisites for certain courses are also met):

2. a) Editorial Techniques 100 (prerequisite: 1; Statistics; Computer Science)
- b) Mass Communication Theory 108 (prerequisite: 1; Statistics; Computer Science)
- c) Research Methods 106 (prerequisite: 1; Statistics; Computer Science)
- d) Introduction to Film and Video 114 (prerequisite: 1 and 100, or consent of instructor)
- e) History of Journalism 140; or History of Film 141 (prerequisite: 1)
- f) Communication Media and the Law 110 (prerequisite: 1)

Senior students interested in working one-on-one with a faculty advisor, may apply to faculty of their choice for a Senior Project (190, 5 units). If accepted, a mutually agreeable project will be fashioned. This may be a research project, including literature review and analysis on a selected topic or an experimental research project; or production of a finished piece of work in print or broadcast journalism, or in film. It may

be possible, under some limited circumstances, to combine the senior project with an internship.

GRADUATE PROGRAMS

MASTER OF ARTS

The Master of Arts degree is awarded by the department in the fields of Journalism or Documentary Film Production. The Master of Arts programs are terminal degree programs designed to train practitioners. Students interested in doctoral programs are evaluated for admission on different criteria, and students who complete the A.M. degree and who desire application to the Ph.D. program must file a new application for admission. They will be considered together with all other doctoral applicants. General requirements for the A.M. are as follows:

1. The candidate must earn at least 45 units in graduate residence at Stanford, and they must maintain a high academic performance during their entire program of study. At least 35 of the 45 units must be in courses numbered 200 or higher, and the other units in courses numbered 100 or above. An independent project (on occasion a thesis) under the direction of a major professor must be undertaken. Three to six hours of credit in independent study may be applied to this requirement. A report of the project must be made to the professor directing the independent study. Completion of the entire program normally takes three to five quarters depending on the nature of the independent project, although it is typical that film students spend some time longer, depending on the complexity of their film project. Students who have completed the courses and residence requirements may register as terminal graduate students.
2. A unified program of advanced course work is to be arranged with the approval of the advisor. This includes appropriate grounding in research methodology and communication theory, and training in one or more communication media.

Students in the Documentary Film master's program are required to take Communication 223A, B, C and 224A, B, C. Additional courses in film aesthetics, history, and criticism are offered. Students may select other relevant courses, in consultation with their advisors, from within or outside the department.

Note—While the department maintains film production facilities for teaching and research purposes, the costs of supplies and processing services are the responsibility of the student. These costs currently approximate \$2,500 for the three quarters.

Students in the Journalism master's program are required to take: Communication 200, 207, 208, 235, 252, 275, and 290. Students with journalism training or media experience should check with their advisors to determine if any of the above departmental courses can be replaced with electives.

DOCTOR OF PHILOSOPHY

The department offers the Doctor of Philosophy in Communication Theory and Research. Since the program's goal is to train communication scientists, the program is quantitative and behavioral in nature. All students are required to complete a core program in communication theory and research, research methodology, and statistics. Subsequent to completion of the core program, students may emphasize such areas as attitude formation and change, communication and children, public opinion and political communication, communication and development, or communication and health. Regardless of the area of specialization, the Ph.D. program is designed primarily for persons interested in teaching and research careers or policy formation positions.

The Ph.D. program is designed to encompass four years of graduate study (subsequent to completion of the A.B. degree) during which, in addition to fulfilling University residence requirements, Ph.D. candidates are required to:

1. Satisfactorily complete all departmental course requirements.
2. Pass general qualifying examinations by the beginning of the second academic year of study and two specialized area examinations by the completion of the third academic year of study.
3. Demonstrate proficiency in tools required in the area of specialization. Chosen with the advice of the faculty, such tools may include foreign languages, statistics, computer programming, etc.
4. Complete both a master's research project (first-year project) and a pre-dissertation research project (second-year project).
5. Teach or assist in teaching at least two courses.
6. Have at least one year of work experience in the mass media or in another activity relevant to the area of specialization, prior to writing the dissertation.
7. Complete a dissertation satisfactory to an advisory committee of three or more faculty members and to the University Committee on the Graduate Division.
8. Pass the University oral examination, which is a defense of the dissertation.

Students are expected to complete departmental examinations and a first-year project by the end of the second year of study, after which they must apply to the University for candidacy.

Because the multidisciplinary nature of the department makes it possible for the Ph.D. student to emphasize one of several areas of communication study, there tend to be several "typical" programs of course work followed by various students depending on their area of specialization. Generally, the variation in course programs tends to occur after the first year of graduate study, the first year primarily being devoted to basic "core" courses required of all students.

The department requires that all Ph.D. students fulfill the following course requirements:

1. Communication 311A, Theory of Communication I
2. Communication 311B, Theory of Communication II
3. Communication 313, Computer Analysis of Communication Research Data
4. Communication 317, Doctoral Research Methods I
5. Communication 318, Doctoral Research Methods II
6. Communication 319, Doctoral Research Methods III

One of the following two-quarter statistics sequences should be completed by the end of Winter Quarter in the first year,

1. Psychology 60, Statistical Methods
Psychology 151, Statistical Methodology
2. Statistics 160, Introduction to Statistical Methods I
Statistics 161, Introduction to Statistical Methods II
3. Education 250A and B, Statistical Analysis in Educational Research
4. Any two equivalent courses

Students must also complete a third course that will advance their knowledge in a broad area of statistics, preferably in multivariate analysis. Each of the following courses would satisfy the requirement:

1. Psychology 152, Analysis of Data
2. Statistics 201, Introduction to Data Analysis
3. Statistics 205, Introduction to Nonparametric Statistics
4. Statistics 206, Applied Multivariate Analysis
5. Education 250C, Statistical Analysis in Educational Research II
6. Education 250D, Statistical Analysis in Educational Research II
7. Any equivalent course agreed to by the department

In addition, students must complete a minimum of four other advanced Communication Theory courses (numbered 320 and higher). Specification of these courses depends on (1) individual student needs in order to prepare for preliminary and area examinations, and (2) the requirements of the particular area of emphasis chosen by the student. In rare instances, Ph.D. level courses from other departments may be substituted for part of this requirement. They should be chosen in consultation with the advisor.

Finally, students must complete:

1. Communication 397, First-year Research Project
2. Communication 398, Pre-dissertation Research Project

Depending on the area of communication study the student chooses to emphasize, additional courses are selected, with the assistance of the advisor, from within the department's offerings and from other University departments. Requirements vary depending on the area emphasized.

Ph.D. candidacy expires five years after admission to candidacy by the University Committee on the Graduate Division. Reapplication will require reexamination.

Other programs leading toward the Ph.D. and involving communication may be pursued in the Graduate Division Special Programs. These are individually planned for unusually well-qualified students.

Ph.D. MINOR

Candidates for the degree of Doctor of Philosophy in other departments who elect a minor in Communication will be required to complete a minimum of 20 units of graduate courses in the Communication Department, including a total of three theory or research methods courses, and will be examined by a representative of this department. The balance among communication theory, methods, and applications courses will be determined by the candidate and his or her senior advisor.

THE INSTITUTE FOR COMMUNICATION RESEARCH

The Institute for Communication Research operates as an office of project research for the faculties of the Department of Communication and other departments on grants from foundations, communication media, and other agencies, on government grants and contracts, and on its own funds. Research assistantships are often available to qualified Ph.D. students in Communication. Among the qualifications that will be highly valued in applicants are high scholarship, training in the behavioral sciences (including training in statistics and research

methodology), and training for or experience with the mass media. For further information write to the Director.

MASS MEDIA INSTITUTE

During the Summer Quarter, the Department of Communication conducts a series of 8 week-long workshop production courses in Film, Radio/Television, Broadcast News, and Journalism. These are designed as pre-professional training courses, and are open to students with junior or higher standing at Stanford and other colleges and universities. Additional courses dealing with Film Aesthetics, New Technologies, Communication Law, and Mass Communication in Society are also offered. Stanford undergraduates may apply a maximum of 12 units to their Communication major requirements.

Information about the Mass Media Institute may be obtained by writing to Jules Dundes, Director, Mass Media Institute, Department of Communication, Stanford University, Stanford, CA 94305.

COURSES

PRIMARILY FOR UNDERGRADUATES

(*Core Courses)

1. Mass Communication and Society—An introduction to human communication theory and to mass communication, and its effect on society; the responsibility and ethics of the press; the role of economics and government regulation in determining what the consumer of mass media messages receives. Open to non-majors. (DR:5)

**5 units, Aut (Abel, Flora)
sections by arrangement*

100. Editorial Techniques I—A reporting and writing course emphasizing various forms of journalism: news, broadcast, interpretation, features, opinion. Detailed criticism of writing. Prerequisites: Statistics; Computer Science; typing speed of 35 words a minute.

**5 units, Aut (Risser)
Win, Spr, Sum (Staff)*

101. Film Aesthetics—(Graduate students register for 201.) A theoretical, historical examination of the nature of the film medium. Emphasis to the problems of aesthetics and communication from the viewpoints of the practitioner, the critic, and the audience.

*4 units, Spr (Breitrose)
3 units, Sum (Staff)*

105S. The New Technologies—The technological, institutional, and societal aspects of the new technologies: CATV, direct broadcast satellites, videotapes and video disk, text handling, and information management.

3 units, Sum (Staff)

106. Communication Research Methods—(Graduate students register for 206.) Formulation of research problems, research design, sampling, data collection, and analysis. A variety of studies are critically evaluated. The class designs and conducts a small communication study. Prerequisites: 1; Statistics, Computer Science.

**4 units, Aut (Nass)*

108. Mass Communication Theory—(Graduate students register for 208.) Models of mass communication processes and effects, and the relationships between media, individuals, and society.

**5 units, Spr (Reeves)*

110. Communication Media and the Law—(Graduate students register for 210.) An introduction to mass communication law and policy. Issues such as libel, privacy, newsgathering, and broadcast regulation explore the roles of law on communication and introduce the application of communication research to law and policy formation. Prerequisite: 1.

**5 units, Spr (Cohen)*

114. Introduction to Film and Video—Preparation of visual media from conceptualization to completion of various super-8 and video assignments. Written preproduction of media projects is emphasized in conjunction with the practical visual and aural techniques necessary for executing ideas on film and tape. Prerequisites: 1 and 100, or consent of instructor.

**5 units, Aut, Win (Alexander, Samuelson)*

115. Ethnographic Film—(Same as Anthropology 128.) Nature of the ethnographic film as a documentary form through viewing and analysis of classical and current films; also uses of film and video tape as a tool for the analysis and presentation of cognitive, social, and kinesic aspects of culture and as a vehicle for the anthropological research.

5 units, Spr (Gibbs) not given 1987-88

117. 16mm Film Production—A practical, hands on course taken concurrently with 118 by those interested in a career in motion picture production. Provides a thorough grounding in the basic principles of film production through a series of 16mm exercises and the production of a short 16mm film. Prerequisites: Successful completion of 114 and consent of instructor. Lab fee to be announced.

5 units, Spr (Alexander)

118. Advanced Film Writing and Directing for Documentary Films—Develops writing skills for the pre-production, production, and post-production of visual media. Emphasis on research, treatments, and the writing of narration

for documentary film. The skills and techniques of directing are developed and applied in actual production of 16mm films in 117, taken concurrently. Prerequisites: Successful completion of 114 and consent of instructor.

5 units, Spr (Staff)

122. Documentary Film—(Graduate students register for 222.) Analysis of the techniques and strategies of films designed to effect attitudinal and behavioral change. Prerequisite: Consent of instructor.

4 units, Aut (Breitrose)

131. Media Ethics and Responsibilities — (Graduate students register for 231.) The performance of the various media of mass communication in the light of ethical standards, employing case studies, text, and discussion sessions. Current media problems, the dwindling of the journalistic channels, the changing roles of the media, media accountability, and the relationships between government and the media.

4 units (Rivers) not given 1987-88

136. Broadcast Journalism—(Graduate students register for 236.) A survey of broadcast journalism focusing on commercial and public broadcast news outlets. Not a pre-professional skills course; students are introduced to broadcast news writing and prepare tapes for radio news broadcast. Additional lab. Prerequisites: 100 or 200.

5 units, Spr (Cohen)

139. Literature of the Press—(Graduate students register for 239.) Readings from journalists, their lives, and work. Several basic readings for all; additional readings by individual students for the purpose of leading seminar discussions. Ideas to be discussed: journalist in historical perspective; journalist as initiator or follower of political and social trends; journalist as propagandist; journalist as mediator of popular culture. Enrollment limited to 12.

4 units, Win (Lewenstein) not given 1987-88

140. History of American Journalism — (Graduate students register for 240.) Evolution of the democratic mass media in its social, political, economic, technological, and professional aspects. (DR:5)

*4 units, Win (Lewenstein)

141. History of Film — (Graduate students register for 241.) Studies in the development of the motion picture as an art form and a means of communication. Lab: Screenings of films announced in class.

*4 units, Win (Breitrose) plus evening films

142. Broadcasting in America—(Graduate students register for 242.) The development of American broadcasting and its contemporary problems.

4 units, Win (Breitrose)

150. Magazine Writing—(Graduate students register for 250.) Practice in writing magazine articles, with emphasis on marketing manuscripts. Conferences. Prerequisite: 100.

4 units, Aut (Rivers)

3 units, Sum (Staff)

151. Communication and Development—(Graduate students register for 251.) The causes of underdevelopment, the nature of development planning, and the potential and practice of mass media in Third World countries as a tool of transformation.

3-5 units, Aut (Storey)

157. Public Information Programs— (Graduate students register for 257.) Emphasizes health information programs and their effects on public knowledge, attitude, and behavior; also information programs concerned with energy conservation, environmental protection, educational and occupational opportunity, consumerism, etc. The interplay of research and fieldwork is analyzed in case studies of successful programs.

3 units, Spr (Flora)

162. Seminar: Media and Politics—The links between mass media and government, and between media and the individual citizen. Via of the relevant literature, questions of the role of the organization of the media in the formation of news, biases, and the effects of media on individual "agenda," attitudes and behaviors are explored.

5 units, Spr (Brody) not given 1987-88

169. Communication, Technology, and Society—(Same as VTSS 162; Graduate students register for 269.) The intellectual tools for analyzing the question: Does technology drive societal change or does society drive technological change? What people can do (their technology) is related to psychological, social, economic, cultural, and political systems. Topics: technologies in the U.S. since 1850 emphasizing the post-industrial society and computer technology.

4 units, Spr (Nass)

170. Communication and Children I—(Graduate students register for 270.) A developmental approach to how children come to use the mass media, what information they obtain, and how their behavior is influenced by the media. Prerequisite: 1 or equivalent. (DR:4)

4 units, Win (Roberts)

171. Communication and Children II— (Graduate students register for 271.) Continuation of 170. Limited enrollment; consent of instructor.

3 units, Spr (Roberts)

176. International Communication: Structures and Issues—(Graduate students register for 276.) Comparative survey of national media systems and the policy issues arising from the existing imbalances between developed and developing countries. Seminar examines the new technologies that have transformed the global flows of news, economic data, cultural and technical information. Prerequisite: 1. Seniors and graduate students in communication and international relations have first priority, with consent of instructor.
4 units, Win (Abel)

177. Specialized Workshops — (Graduate students register for 277.) One or more classes are be offered in specializations such as Science Writing, Sports Writing, or other areas. Organized around writing projects oriented toward the field of specialization.

177A. Opinion Writing—(Graduate students register for 277A.)
4 units, Spr (Abel)

178. Media Management—The management and financial aspects of media organizations. Topics: capital investment decisions; circulation and audience-share planning; advertising strategies; personnel management; new technologies and their influence on business decisions; financial controls and promotion. The interplay between editorial and business decisions.
4 units, Spr (Lewenstein)

180. Film Criticism—(Graduate students register for 280.) A critical view of film. Readings and discussion consider models of artistic and literary criticism as points of comparison. The journalistic, psychoanalytical, Marxist, structuralist, and semiological approaches. Weekly reviews stress the meaning of the films and a lucid writing style. Prerequisites: 100, and 101 or 141.
4 units, Spr (Breitrose) not given 1987-88

185. Internship Experience—Professional experience in the media. Open only to Communication majors.

0 units graduate students; 1-4 units undergraduate students, Aut, Win, Spr (Lewenstein) by arrangement

190. Senior Project—A research project, or production of a finished piece of work in journalism or film. A combination of the senior project and an internship is possible. Prerequisite: Senior standing.

5 units, Aut, Win, Spr (Staff)

199. Individual Work—Major students with high academic standing are permitted to undertake individual work.

1-4 units, any quarter (Staff) by arrangement

PRIMARILY FOR A.M. STUDENTS

200. Editorial Techniques I—A reporting and writing course emphasizing various forms of journalism: news, interpretation, features. Detailed criticism of writing. For graduate students.

5 units, Aut (Mitchell, Sutton)

200S. Basic Film Production—Introduction to film writing and production techniques, covering the basics of cinematography, sound, and editing.

9 units, Sum (Alexander)

201. Film Aesthetics—(Graduate section. See 101.)

205S. Radio and Television Workshop—Studies in radio and television writing and production. Theory and techniques in studio and remote location.

9 units, Sum (Staff)

206. Communication Research Methods—(Graduate A.M. section. See 106.)

207. Editorial Techniques II—Copy editing, headline writing, news display, and picture cropping. Laboratory includes editing copy, Associated Press, news evaluation, and page make-up.

4 units, Aut (Voakes)

208. Mass Communication Theory—(Graduate Section. See 108.)

209S. Broadcasting News Workshop — Production and direction of news and documentary television programs. Prerequisite: Consent of instructor.

9 units, Sum (Staff)

210. Media Law—Law and government regulation impacting on journalists. Topics: libel, privacy, newsgathering, protection of sources, contempt, commercial speech, free press/fair trial, and broadcast regulation. Attention to regulatory agencies, the FCC and FTC. Develops an understanding of the interaction among constitutional, legislative, common, and administrative law. A few undergraduates may be admitted with permission of instructor.

5 units, Win (Cohen)

210S. Television Production Workshop—Studies in television production theory and techniques in both studio and remote locations. Mini-documentaries, public service programs, and program promotion are emphasized.

9 units, Sum (Staff)

220. Mass Media in Society—The nature and social responsibilities of the media, the structure of the industry, and problems and issues in the mass media. Does not substitute for 1.

3 units, Sum (Dundes)

222. Documentary Film—(Graduate Section. See 122.)

223A. Documentary Film Directing I—Emphasis on conceptualizing and executing ideas for the production work done jointly with 224A. All aspects of preproduction at an introductory level are covered. Open to graduates only. Prerequisite: Consent of instructor.

5 units, Aut (Samuelson)

223B. Documentary Film Directing II—Further professional training in preproduction and producing for motion pictures. Analysis of film structure, development of interviewing and other documentary directing techniques, and writing of narration scripts is emphasized. To be taken concurrently with 224B. Prerequisite: 223A.

5 units, Win (Samuelson)

223C. Documentary Film Directing III—Final quarter of study in film writing, producing, and directing. Includes further examination of film structures, and practical training in fundraising and distribution. Taken concurrently with 224C. Prerequisite: 223B.

5 units, Spr (Staff)

224A. Film Production I—First of a three quarter sequence leading to professional training in motion picture production. Super 8 exercises and a short 16 mm non-synchronous film with sound track comprising narration, music, and sound effects. Prerequisite: Concurrent registration in 223A.

5 units, Aut (Alexander)

224B. Film Production II—Produce a short 16mm film in color utilizing synchronous sound carried through post-production to an answer print. Prerequisites: Successful completion of 223A and 224A, and concurrent registration in 223B.

5 units, Win (Alexander)

224C. Film Production III—Final quarter of professional training in motion picture production. A five minute, 16 mm film utilizing all skills acquired in 224A and 224B. Prerequisites: Successful completion of 224B and concurrent registration in 223C.

5 units, Spr (Alexander)

231. Media Ethics and Responsibilities — (Graduate section. See 131.)

232. Current Progress in Worldwide Telecommunications—(Same as Engineering 213.) A seminar survey of trends in worldwide standardized services. Integrated Services

Digital Networks (ISDN), use of fiber optics for broadband services, broadcasting satellites in competition with video cable. Based on ITU (International Telecommunication Union) documents. Focus is on interaction of technology, entrepreneurship, and governmental regulation for divergent national markets. Individual study of technical standardization and related cases may be continued under directed reading under Engineering-Economic Systems 292.

3 units, Sum (Wallenstein)

235. Inquiry in Journalism—Introduction to theories and methods for research of mass media and related issues. Development of the conceptual and research skills necessary to conduct the master's project and as an overview of the field upon which the student projects are based.

5 units, Aut (Cohen)

236. Broadcast Journalism—(Graduate section. See 136.)

239. Literature of the Press—(Graduate section. See 139.)

240. History of American Journalism — (Graduate section. See 140.)

241. History of Film — (Graduate section. See 141.)

242. Broadcasting in America — (Graduate section. See 142.)

250. Magazine Writing — (Graduate section. See 150.)

4 units, Spr (Lewenstein)

251. Communication and Development—(Graduate section. See 151.)

257. Public Information Programs — (Graduate section. See 157.)

269. Communication, Technology, and Society—(Graduate section. See 169.)

270. Communication and Children I — (Graduate section. See 170.)

271. Communication and Children II — (Graduate section. See 171.)

275. Reporting of Public Affairs—Coverage of traditional news beats, such as police, city hall, education and courts as well as issue-oriented coverage of policy area beats. For graduate students. Prerequisite: 200.

5 units, Win (Abel)

276. International Communication: Structures and Issues — (Graduate section. See 176.)

277. Specialized Workshops — (Graduate sections. See 177.)

277A. Opinion Writing.

278. Media Management—(Graduate section. See 178.)

280. Film Criticism — (Graduate section. See 180.)

290. A.M. Project.
4-8 units, any quarter (Staff)
by arrangement

298. Thesis.
6-10 units (Staff) by arrangement

299. Individual Work.
1-4 units, any quarter (Staff) by arrangement

PRIMARILY FOR Ph.D. STUDENTS

311A. Theory of Communication—Approaches to communication theory; seminar and tutorial meetings; extensive reading and papers. Required of all Communication doctoral students; others by consent of instructor.
4-5 units, Aut (Chaffee)

311B. Theory of Communication—Continuation of 311A with emphasis on communication theory. Prerequisite: 311A.
4-5 units, Win (Reeves)

313. Introduction to the Use of the Computer—Specifically for social science data analysis. A brief discussion of computing concepts, followed by use of WYLBUR and EDIT, text editors on SCIP and LOTS systems; SPSS; and data storage.
1-3 units, Win (Staff)

317. Doctoral Research Methods I—Application of scientific method to communication research. Logic of inquiry; conceptualization of variables; design of experiments, quasi-experiments, and nonexperiments. Previous or concurrent enrollment in statistics required.
4 units, Aut (Reeves)

318. Doctoral Research Methods II—Continuation of 317. Sampling questionnaire design, attitude scale construction, survey administration, computer analysis of data.
4 units, Win (Chaffee, Flora)

319. Doctoral Research Methods III—Continuation of 318. Selected multivariate models of importance to communication research, nonexperimental causal inference, other advanced topics in data analysis.
4 units, Spr (Nass)

370. Advanced Communication Theory and Method Seminar I—May be repeated for credit. Topic and instructor change each year. Prerequisites: 311A and 319.
3 units, Aut (Nass)

371. Advanced Communication Theory and Method Seminar II—May be repeated for credit. Topic and instructor change each year. Prerequisite: 311A and 319.
3 units, Win (Reeves) by arrangement

372. Advanced Communication Theory and Method Seminar III—May be repeated for

credit. Topic and instructor change each year. Prerequisites: 311A and 319.

3 units, Spr (Chaffee) by arrangement

375. Communication Theory Review Seminar—Limited to Ph.D. students. Prerequisites: 311A, 311B.

3 units, Spr (Roberts) by arrangement

397. First-Year Research Project—Individual research in lieu of master's thesis.

3-6 units, Aut, Win, Spr (Staff)
by arrangement

398. Pre-Dissertation Research Project—Advanced research for Ph.D. candidates.

3-6 units, Aut, Win, Spr (Staff)
by arrangement

399. Advanced Individual Work.

1-8 units, Aut, Win, Spr (Staff)

400. Dissertation Research.

6-10 units, Aut, Win, Spr (Staff)
by arrangement

COMPARATIVE LITERATURE

Committee in Charge: John Bender, David Wellbery (*Co-Chairmen*), Russell Berman, N. Gregson Davis, Joseph Frank, John Freccero, René Girard, Herbert Lindenberger, Mary Pratt, William Todd

Professors: John Bender (English and Comparative Literature), N. Gregson Davis (Classics and Comparative Literature), Joseph Frank (Comparative Literature and Slavic), Gerald Gillespie (German Studies and Comparative Literature), David G. Halliburton (English, Comparative Literature, and Modern Thought and Literature), Herbert Lindenberger (Comparative Literature and English), Charles R. Lyons (Drama and Comparative Literature), Marjorie Perloff (Comparative Literature and English), William M. Todd III (Comparative Literature and Slavic), Makoto Ueda (Japanese and Comparative Literature)

Associate Professors: Sandra E. Drake (English and Comparative Literature), Mary Pratt (Spanish and Portuguese, and Comparative Literature), David Wellbery (German Studies and Comparative Literature)

The interdepartmental program in Comparative Literature admits students for the Ph.D. It works toward the Ph.D. in individual language departments and, in conjunction with the Humanities Honors Program, offers a concen-