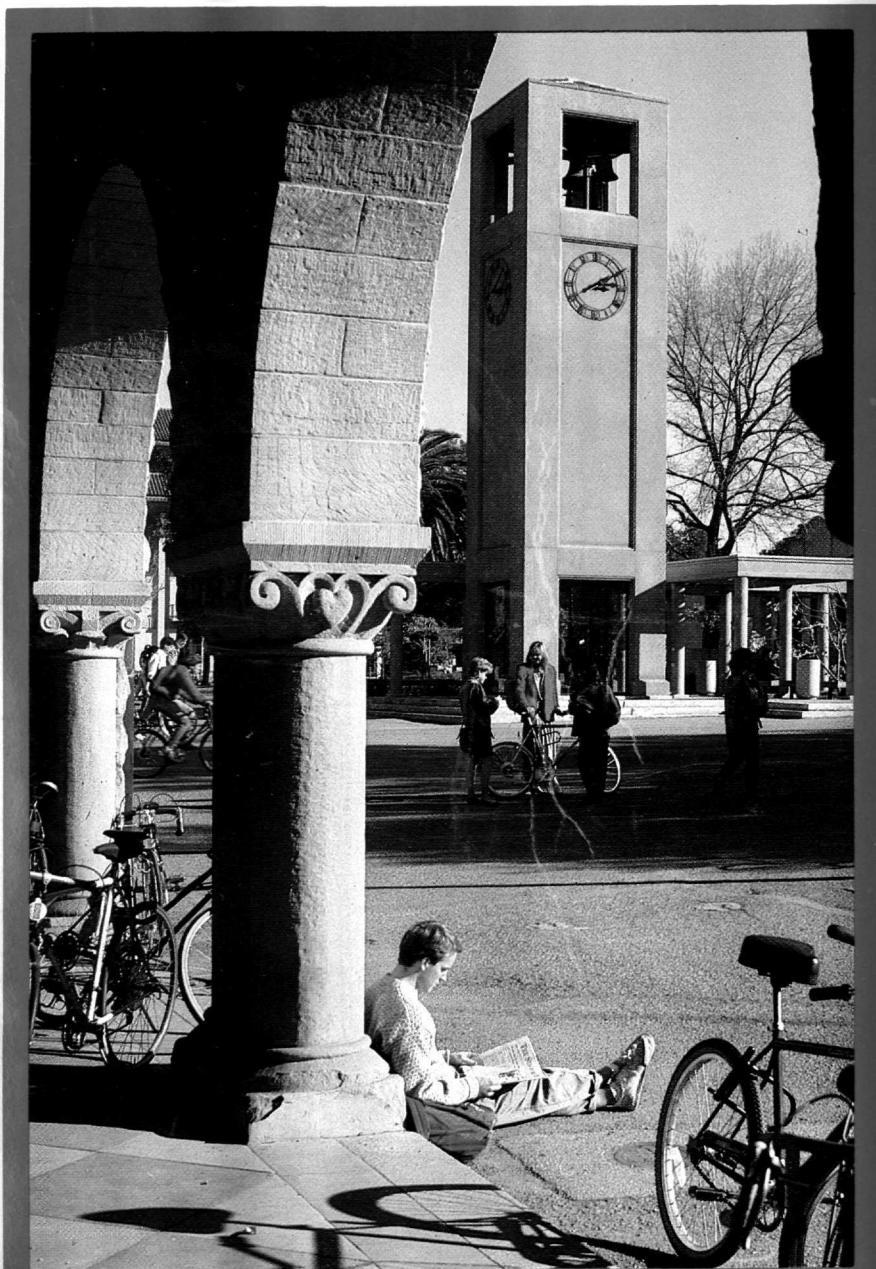


Stanford University Bulletin

*Courses and Degrees
1989-1990*



Plato's system: discussions from Aristotle (*On the Heavens*, *Metaphysics*), and Lucretius (*On the Nature of Things*). Issues: Is the world unique? Is it finite or infinite? Was it created, or is it eternal? Does the order in the world result from natural necessity or intelligent design? For additional credit, with the appropriate preparation in Greek language, extra weekly section is offered on passages from the Greek texts.

4-5 units, *Spr* (Knorr) TTh 2:15-4:05
plus section

167. Philosophy of Democritus—(Same as Philosophy 115.) An intensive examination of Democritus' ontology and conceptions of nature.

4 units, *Win* (Moravcsik)

RELIGION AND MYTHOLOGY

Courses in this area have department prefix 378.

18. Greek Mythology—Cosmology, the Herakles legend, the Underworld, Platonic myth-making, modern survivals, and the nature of myth itself. Readings are supplemented with material drawn from Greek art and modern Greek folklore. (DR:3)

3-4 units, not given 1989-90

117. Greek Religion and Society—The origins and development of Greek religious phenomena from Mycenae to Byzantium. (DR:5)

3-4 units, not given 1989-90

169. Introduction to the Ethics of Socrates, Plato, and Aristotle—The ethical thought of Socrates, Plato, and Aristotle as represented by Plato's *Apology*, *Laches*, *Gorgias*, *Meno*, *Republic* and Aristotle's *Nicomachean Ethics*.

2-3 units, *Spr* (Nightingale)

GRADUATE SEMINARS, 1989-90

Graduate seminars vary each year. In 1988-89 seminars offered were on Pronunciation of Greek II: Accent, Intonation, Rhythm; the Transmission of Greek texts 400 B.C.-1400 A.D.; Sophocles; Greek Orators; Classical Conventions in European Lyric; The Arrival of Alexandrianism in Rome; Athens in the Age of Plato (403-350 B.C.); Problems in Roman History; The Roman Imperial Army and Frontiers; Alien Gods: Perception of Pagan Religion in Early Modern Europe. The following are offered this year:

ANCIENT HISTORY (371)

186/386. Colloquium: Assimilation and Dissent in the Roman Empire.

337. Problems in Roman History.

474. Greek Sacrifice.

ART AND ARCHAEOLOGY (372)

201. Colloquium: Pots and Politics in 6th Century Athens.

CLASSICS, GENERAL (378)

353. Comparative Grammar of Greek and Latin.

GREEK (373)

316. Thucydides.

430. Greek Lyric.

434. Metre and Language in Dramatic Lyric.

464. Rhetoric and Literary Criticism in the Imperial Period.

LATIN (375)

434. Cicero's *Philosophica*.

441. Roman Satire.

COMMUNICATION

Emeriti: (Professors) Nathan Maccoby, Lyle M. Nelson, William Rivers; *(Professor Teaching)* Ronald Alexander; *(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

Director, Mass Media Institute: To be announced
Professors: Elie Abel, Henry S. Breitrose, Steven H. Chaffee, Byron B. Reeves, Donald F. Roberts (on leave Winter, Spring); *(by Courtesy)* Richard A. Brody, Michael L. Ray, Eugene J. Webb

Assistant Professors: Jeremy Cohen (on leave Spring), June Flora, Clifford Nass

Professors (Teaching): Marion Lewenstein (on leave Winter, Spring), James V. Risser, Kristine Samuelson

Associate Professor (Teaching): Jan Krawitz
Lecturer: 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 Knight Foundation, and others.

ADMISSION

Prospective Undergraduate Students—Write to the University's Office of Admissions, Stanford University, Stanford, California 94305.

Prospective Graduate Students—Write to the Graduate Admissions Office.

The department requires that applications 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 section 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 complete at least 50 units and preferably not more than 60 units within the Communication Department, plus statistics and computer science (unless exempt 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 Satisfactory/No Credit. All

Communication Department courses required to fulfill departmental requirements must be taken for a letter grade unless offered only for Satisfactory/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:

- a) Communication 1, Mass Communication and Society (core course) and have completed, or be enrolled in:
- b) Psychology 60 or Statistics 60 or Statistics 70 or equivalent course.
- c) Computer Science 105A 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) 104, Reporting and Writing the News (prerequisites: 1; statistics; Computer Science 1, section C)
- b) 106, Research Methods (prerequisite: 1; statistics)
- c) 108, Mass Communication Theory (prerequisites: 1; statistics; computer science)
- d) 110, Communication Media and the Law (prerequisite: 1)
- e) 114, Introduction to Film and Video (prerequisites: 1 and 104, or consent of instructor)
- f) 140, History of Journalism; or 141, History of Film (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 research project will be fashioned, 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 the doctoral program 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. Candidates 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. A.M. journalism graduates are expected to finish within one academic year (three quarters). Students who have completed the course and residence requirements may register in Terminal Graduate Registration status.
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 204, 205, 208, 210, 235, 275, and 290.

DOCTOR OF PHILOSOPHY

The department offers the Ph.D. in Communication Theory and Research. Since the program's goal is to train communication scientists, the program is quantitative and behavioral in nature. Students are required to complete a core program in communication theory and research, research methodology, and

statistics. Following completion of the first-year core program, students take advanced courses and seminars in communication and related social science departments. Each student builds several research specialties relating communication to the study of campaigns, children, families, health, law, opinion formation, organizations, politics and voting, psychological processing, and technology and work. 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. Complete a dissertation satisfactory to an advisory committee of three or more faculty members and to the University Committee on the Graduate Division.
7. 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 "core" courses required of all students.

All Ph.D. students must fulfill the following departmental course requirements:

- 311A. Theory of Communication I
- 311B. Theory of Communication II

- 313. Computer Analysis of Communication Research Data
- 317. Doctoral Research Methods I
- 318. Doctoral Research Methods II
- 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:

- Education 250C, Statistical Analysis in Educational Research II
- Education 250D, Statistical Analysis in Educational Research II
- Psychology 152, Analysis of Data
- Statistics 201, Introduction to Data Analysis
- Statistics 205, Introduction to Nonparametric Statistics
- Statistics 206, Applied Multivariate Analysis
- Any equivalent course agreed to by the department

In addition, students must complete a minimum of four other advanced Communication Theory courses (numbered 370 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:

- Communication 397, First-year Research Project
- 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 Com-

mittee on Graduate Studies. Reapplication requires re-examination.

Ph.D. MINOR

Candidates for the degree of Doctor of Philosophy in other departments who elect a minor in communication are 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 are examined by a representative of this department. The balance among communication theory, methods, and applications courses are determined by the candidate and his or her senior advisor.

THE INSTITUTE FOR COMMUNICATION RESEARCH

This institute 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 Summer Quarter, the Department of Communication conducts a series of eight 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 in 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 Director, Mass Media Institute, Department of Communication, Stanford University, Stanford, CA 94305.

COURSES PRIMARILY FOR UNDERGRADUATES

(*Core Courses)

1. Mass Communication and Society—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 (Cohen)*

sections by arrangement

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)

104. Reporting and Writing the News—A reporting and writing course emphasizing various forms of journalism: news, broadcast, interpretation, features, opinion. Detailed criticism of writing. Prerequisites: statistics; Computer Science I, section C; typing speed of 35 words a minute.

5 units, Aut (Lewenstein)

Win, Spr (Staff)

105S. The New Technologies—The 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: I; statistics, computer science.

**4 units, Win (Nass)*

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

**5 units, Win (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 are used to explore the roles of law on communication and introduce

the application of communication research to law and policy formation. Prerequisite: 1.

**5 units, Win (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 104, or consent of instructor.

**5 units, Aut (Walton)*

Spr (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)

117. 16mm Film Production—A practical, hands-on course for those interested in a career in motion picture production. Provides a thorough grounding through a series of 16mm film 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, Win (Krawitz)

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)

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 newswriting and prepare tapes for radio news broadcast. Additional lab. Prerequisite: 100 or 200.

5 units, Spr (Staff)

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 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 (Lewenstein) not given 1989-90

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 (Lewenstein) not given 1989-90*

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)*

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: 104.

4 units (Rivers)

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, Aut (Flora)

160. Seminar: Political Communication—(Same as Political Science 194C; graduate students register for 260.) Analysis of the role of mass media and other channels of communication in political and electoral processes.

4 units, Spr (Chaffee)

161. Seminar: The Press in Eastern Europe—(Graduate students register for 261.) Media as emerging agents of change and instruments of continued political control in the age of glasnost. Role of censorship and self-censorship, delineating differences between reformist and conservative Communist regimes.

4 units, Win (Abel)

163. Seminar: The President, the Press, the Public, and Politics—(Same as Political Science 191.) The interactions between the American President, the media, and the public in contemporary American politics. Standard and new conceptions of the sources of presidential power in policy making. Whether the evidence justifies the new conceptions of the role of President in the politics of policy making.

5 units, Win (Brody)

169. Communication, Technology, and Society—(Same as Sociology 149, VTSS 162; graduate

students register for 269.) Methods for analyzing and addressing the question: Does technology drive societal change or does society drive technological change? Examples focus on the relationship between information and information-processing technologies since 1850 and mass society, the information economy, and the self.

4 units (Nass) not given 1989-90

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, Psychology 1, or Sociology 1. (DR: 4)

4 units (Roberts) not given 1989-90

171. Communication and Children II—(Graduate students register for 271.) Research practicum; limited enrollment; consent of instructor. Prerequisite: 170.

3 units (Roberts) not given 1989-90

173. Communication and Health—(Graduate students register for 273.) Seminar on campaigns designed to change information attitudes and behavior, particularly health.

4 units (Flora) not given 1989-90

175. Reporting of Public Affairs—(Graduate students register for 275.) Coverage of traditional news beats: police, city hall, education, courts, and issue-oriented coverage of policy area beats. Prerequisite: 104.

5 units (Risser) not given 1989-90

176. International Communication: Structures and Issues—(Graduate students register for 276.) Comparative survey of national media systems and the policy issues arising from existing imbalances between developed and developing countries. Seminar examines new technologies that have transformed the global flows of news, economic data, and 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 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 organization. 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 (Lewenstein) not given 1989-90

180. Film Criticism—(Graduate students register for 280.) A critical view of film. Reading 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: 104, and 101 or 141.

4 units (Breitrose) not given 1989-90

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 standings are permitted to undertake individual work.

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

PRIMARILY FOR A.M. STUDENTS

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

9 units, Sum (Staff)

201. Film Aesthetics—(Graduate section; see 101.)

204. Reporting and Writing and News—(For graduate students.) A reporting and writing course emphasizing various forms of journalism: news, interpretation, features. Detailed criticism of writing.

5 units, Aut (Abel)

205. Editing the News—Copy editing, headline writing, news display, and picture cropping. Laboratory includes editing copy, Associated Press, news evaluation, and page make-up.

3 units, Win (Voakes)

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.)

208. Mass Communication Theory—(Graduate section; see 108.)

209S. Broadcasting News Workshop—Production and direction of news and documentary television programs.

9 units, Sum (Staff)

210. Media Law—(For graduate students.) Law and government regulation impacting on journalists. Topics: libel, privacy, newsgathering, protection of sources, contempt, commercial speech, free press/fair trial, and broadcast regulation. 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 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 (Staff)

222. Documentary Film—(Graduate section; see 122.)

223A. Documentary Film Directing I—(For graduate students.) Emphasis on conceptualizing and executing ideas for the production work done jointly with 224A. All aspects of pre-production at an introductory level are covered. Prerequisite: consent of instructor.

5 units, Aut (Samuelson)

223B. Documentary Film Directing II—Further professional training in pre-production and producing for motion pictures and television. Interview skills and other documentary directing techniques are developed utilizing video. Taken concurrently with 224B. Prerequisite: 223A.

5 units, Win (Samuelson)

223C. Documentary Film Directing III—Further examination of structure with emphasis on writing and directing the documentary. Practical training in fundraising and distribution. Taken concurrently with 224C. Prerequisite: 223B.

5 units, Spr (Samuelson)

224A. Film Production I—First of a three-quarter sequence leading to professional training in motion picture production. 16mm exercises and a short 16mm non-synchronous film with multiple sound tracks and sound effects. Corequisite: concurrent registration in 223A.

5 units, Win (Krawitz)

224B. Film Production II—Produce a short 16mm film exercise in color utilizing synchronous sound with emphasis on observational filming techniques. Prerequisite: successful completion of 223A and 224A, and concurrent registration in 223B.

5 units, Win (Krawitz)

224C. Film Production III—Final quarter of professional training in motion picture production. A five to seven-minute, 16mm film utilizing all skills acquired in 224A and 224B. Issues of documentary form and content. Prerequisites: successful completion of 224B and concurrent registration in 223C.

5 units, Spr (Krawitz)

232. Current Progress in Worldwide Telecommunications—(Same as Engineering 213.) Seminar on trends in worldwide standardized services. Examples: Integrated Services Digital Networks (ISDN), broadband services based on fiber optics, choice between video cables and broadcasting satellites. Documentary sources are the publications of the International Telecommunication Union (ITU). Focus is on competitive interactions of technology, entrepreneurship, and governmental control or 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—The issues pertaining to the role of journalism in society and societal influence upon the media, and how we come to know it. Students develop a body of knowledge based on evidence, not visceral instincts. Develops conceptual analysis and retrieval of documentary resource material through government archives, electronic database, and similar sources available to journalists.

5 units, Win (Staff)

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.)

257. Public Information Programs—(Graduate section; see 157.)

260. Seminar: Political Communication—(Graduate section; see 160.)

261. Seminar: The Press in Eastern Europe—(Graduate section; see 261.)

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

4 units, Spr (Staff)

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

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

273. Communication and Health—(Graduate section; see 173.)

275. Reporting of Public Affairs—(For graduate students.) Coverage of traditional news beats, such as police city hall, education and courts as well as issue-oriented coverage of policy area beats. Prerequisite: 204.

5 units, Win (Risser)

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, Roberts)

311B. Theory of Communication—Continuation of 311A with emphasis on communication theory. Prerequisite: 311A.

4-5 units, Win (Reeves, Nass)

313. Introduction to the Use of the Computer—Specifically for 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 (Flora)

319. Doctoral Research Methods III—Continuation of 318. Project-oriented approach to relationship between theory and data analysis; 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, 319.

3 units, Aut, sec. 1 (Roberts) sec. 2 (Nass)

371. Advanced Communication Theory and Method Seminar II—May be repeated for credit. Topic and instructor change each year. Prerequisite: 311A, 319.

3 units, Win, sec. 1 (Chaffee) sec. 2 (Reeves)

372. Advanced Communication Theory and Method Seminar III—May be repeated for credit. Topic and instructor change each year. Prerequisite: 311A, 319.

3 units, Spr (Flora) by arrangement

373. Topics in Communication, Technology, and Society—(Same as VTSS 373.) Interdisciplinary seminar discussing the relationship between dimensions of technology and the economy, work and organizations, mass society, culture, and the self. Emphasis on classic books rather than recent papers.

4 units (Nass) not given 1989-90

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

3 units, Spr (Reeves) 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. Individual Work.

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

400. Dissertation Research.

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

COMPARATIVE LITERATURE

Chairman: David Wellbery

Professors: John Bender (English and Comparative Literature), Russell Berman (German Studies and Comparative Literature), N. Gregson Davis (Classics and Comparative Literature), Joseph Frank (Slavic Languages and Comparative Literature), John Freccero (Italian and Comparative Literature), René Girard (French and Comparative Literature), Hans Ulrich Gumbrecht (French and Italian, and Comparative Literature), Herbert Lindenberger (English and Comparative Literature), Patricia Parker (English and Comparative Literature), Mary Pratt (Spanish and Portuguese, and Comparative Literature), David Wellbery (German Studies and Comparative Literature)

Associate Professor: Jeffrey T. Schnapp (Italian and Comparative Literature)

Courtesy Professors: Gerald Gillespie (German Studies and Comparative Literature), David G. Halliburton (English and Comparative Literature), Charles R. Lyons (Drama and Comparative Literature), Majorie Perloff (English and Comparative Literature), Makoto Ueda (Japanese and Comparative Literature)

Courtesy Associate Professor: Sandra E. Drake (English and Comparative Literature)

The interdisciplinary 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 concentration in comparative literature for undergraduates.

UNDERGRADUATE PROGRAM HONORS PROGRAM

The undergraduate program is designed for students who combine a strong commitment to literary study with the drive and the ability to master foreign languages. Students planning to concentrate in comparative literature must apply for admission to the Humanities Honors Program and for graduation with Honors in Humanities.

Freshmen and sophomores interested in the program must first consult with the chairman of the Humanities Honors Program. Because of the rigorous language requirements, the consultation should take place at the earliest opportunity, preferably during the freshman year. Students who have not started their second foreign language by the sophomore year have little chance of fulfilling the program requirements on schedule. No student may declare a major later than two weeks after the start of the junior