

STANFORD UNIVERSITY BULLETIN

Courses and Degrees, 1991-1992



GREEK (373)

310. Rhythm, Accent, and Intonation of Greek.

433. Aeschylus and the Spirit of Tragedy.

462. Plato: *Laws*.

LATIN (375)

431. Lucretius.

432. Catullus.

COMMUNICATION

Emeriti: (Professors) Elie Abel, Nathan Maccoby, Lyle M. Nelson, William Rivers; *(Professor Teaching)* Ronald Alexander; *(Adjunct Professor)* Julian Blaustein; *(Lecturer)* Jules Dundes

Chair: Donald F. Roberts

Director, Institute for Communication Research: Byron B. Reeves

Director, John S. Knight Fellowships for Professional Journalists: James V. Risser

Director, Mass Media Institute: Henry Breitrose
Professors: Henry S. Breitrose, Steven H. Chaffee, Byron B. Reeves, Donald F. Roberts; *(by Courtesy)* Richard A. Brody, Michael L. Ray, Eugene J. Webb

Associate Professors: Jeremy Cohen, Theodore L. Glasser

Assistant Professors: June Flora, Clifford Nass

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

Lecturer: James R. Bettinger, Gerald Lanson, Felicia Lowe, Carolyn Wakeman, Pam Walton

The Department of Communication engages in research in communication and offers curricula leading to the A.B., A.M., and Ph.D. degrees. The A.M. 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 Knight Foundation, and others.

ADMISSION

Prospective Undergraduate Students—Write to the University's Office of Undergraduate

Admissions, Stanford University, Stanford, California 94305.

Prospective Graduate Students—Write to the Graduate Admissions Support Section of the Registrar's Office.

The department requires that applications for graduate admission submit verbal and quantitative scores from the Graduate Record Examination.

UNDERGRADUATE PROGRAM BACHELOR OF ARTS

The undergraduate curriculum is intended for liberal arts students who wish to build a fundamental knowledge of communication in society. Majors take courses from three different communication orientations within the Department of Communication, plus a selection of elective courses. In addition, undergraduates take one class in statistics and one class in elementary computer science programming. A student may be exempt from the computer science course if the equivalent has been taken in high school.

Both theory and practicum courses are included in media and society, print and broadcast journalism, visual communication (film/videotape), and communication research. Through electives, including an optional senior project or honors thesis, a student may build greater depth in any of these areas.

To be recommended for the A.B. degree in Communication, students must complete at least 50 units (preferably not more than 60 units) within the department, plus statistics and computer science. No more than 12 units of transfer credit or Summer Session credit may be applied to meet department requirements.

Communication majors must register for a letter grade for all communication courses unless offered only for Satisfactory/No Credit.

CURRICULUM

1. Students should declare the major during either the sophomore or junior year. To declare, a student should have completed, or be enrolled in the following courses:

- a) Communication 1, Mass Communication and Society.
- b) Psychology 60, Statistics 60, or Statistics 70.
- c) Computer Science 105A or equivalent.

2. Majors must take courses in the following three areas as specified below:

- a) Area I—minimum of two courses from: 101, 110, 122, 125, 131, 139, 140, 141, 142, 176, 178.
- b) Area II—minimum of two courses from: 104, 114, 117, 136, 150, 175, 177, 180.
- c) Area III—minimum of three courses from: 106, 108, 157, 160, 169, 170, 172, 173.

Some courses are not given every year. Refer to courses listings and *Time Schedules* each quarter, noting individual course prerequisites.

HONORS PROGRAM

The honors program provides the opportunity to undertake a significant program of research. Working in a one-on-one mentor relationship with a faculty adviser, seniors may earn up to 15 communication units culminating in an honors thesis. Interested majors should apply to the program late in their junior or early in their senior years. The program represents the department's commitment to and recognition of the value of research and of the individual professor/student mentoring relationship in undergraduate education.

GRADUATE PROGRAMS

MASTER OF ARTS

The A.M. degree is awarded by the department in the fields of Journalism or Documentary Film Production. The A.M. 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 are considered together with all other doctoral applicants.

Candidates must earn at least 42 units in graduate residence at Stanford, and they must maintain a high academic performance during the entire program of study. At least 35 of the 42 units must be in courses numbered 200 or higher. A master project under the direction of a major professor must be undertaken. A report of the project must be made to the professor directing the project. Completion of the entire program normally takes three to five quarters depending on the nature of the project, although it is typical that film students spend a longer time on complex projects. Master's students are expected to finish courses within one academic year (three quarters). Students who have completed the course and residence requirements may register in Terminal Graduate Registration (TGR) status to complete the project.

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 advisers, 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 \$1,700 for the three quarters.

Students in the Journalism master's program are required to complete a minimum of 10 courses as follows:

- 204. Reporting and Writing News.
- 205. Editing the News.
- 216. Media Law.
- 225. Perspectives on Journalism.
- 275. Reporting of Public Affairs.
- 291. Graduate Journalism Seminar.

One of the following specialized writing courses:

- 236. Broadcast Journalism.
- 250. Magazine Writing.
- 277A. Opinion Writing.
- 277B. Science Writing.
- 277F. Feature and Analytical Writing.
- 280. Film Criticism.

One of the following communication theory courses:

- 208. Mass Communication Theory.
- 257. Public Information Programs.
- 260. Political Communication.
- 269. Communication, Technology, and Society.
- 270. Communication and Children.

Two additional courses in or outside of the department are selected in consultation with an academic adviser.

DOCTOR OF PHILOSOPHY

The department offers the Ph.D. in Communication Theory and Research. Students are required in their first year to complete a core program in communication theory and research, research methods, and statistics; these core courses are grounded in the social science literature. Following completion of the core program, students take advanced courses and seminars in communication and related departments. Each student builds several research specialties relating communication to the study of campaigns, children, ethics, health, law, organizations, politics and voting, psychological processing, and technology. 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 end of the second quarter of the second academic year of study and pass two specialized

area examinations by the end 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 a first research project and a pre-dissertation research 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.
7. Pass the University oral examination, which is a defense of the dissertation.

Students are expected to complete departmental examinations and a first project by the end of the second year of study, after which they must apply for admission to 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 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 all departmental course requirements, including courses in other departments.

In addition, students must complete other advanced Communication theory courses. Specification of these courses depends on (1) individual student needs to prepare for preliminary and area examinations, and (2) the requirements of the particular area of emphasis chosen by the student.

Finally, students must complete:

Communication 397, First Research Project
Communication 398, Pre-dissertation Research Project

Ph.D. candidacy is valid for five years. Extensions of candidacy require re-examination.

Ph.D. MINOR

Candidates for the Ph.D. degree in other departments who elect a minor in Communication are required to complete a minimum of 20 units of graduate courses in the Department of Communication, 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 adviser.

THE INSTITUTE FOR COMMUNICATION RESEARCH

This institute operates as an office of project research for the faculties of the Department of Communication on grants from foundations, communication media, and other agencies. Research assistantships are often available to qualified Ph.D. students in communication.

MASS MEDIA INSTITUTE

During Summer Quarter, the Department of Communication conducts a series of eight-week 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, Media 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 94305-2050.

COURSES

PRIMARILY FOR UNDERGRADUATES

1. Mass Communication and Society—Open to non-majors. Lectures, discussions, group projects, and individual writing assignments explore the actual and perceived effects of mass communication. Possible topics: freedom of expression, press ethics, economic media structures, children and television, political communication, cultural media effects, and the role of economic and governmental controls in determining what the mass media consumer receives. Lecture plus one-hour weekly sections. DR:9(5)

5 units, Aut (Cohen)

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

3-4 units, Spr (Breitrose)

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 1; typing speed of 35 words per minute.

5 units, Aut, Win, Spr (Glasser, Staff)

104S. Reporting and Writing the News—Workshop emphasizing spot news, news features, news interpretation, and analysis.

6 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)

107S. Editing the News—Copy editing, headline writing, news displays, and picture cropping. Lab includes wire services, news evaluation, and page make-up.

3 units, Sum (Staff)

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, Spr (Reeves)

110. Communication and Law—(Graduate students register for 210.) The interactions among freedom of expression, communication, and law. Issues such as privacy and freedom of speech are used to introduce the application of communication research to law and policy formation. Students consider assumptions about communication found in law and the effects of law and communication on each other.

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 104, or consent of instructor.

5 units, Aut (Walton)

Spr (Krawitz)

117. 16mm Film Production—A practical, hands-on course for those interested in a career in motion picture production. Provides thorough grounding through production of a short 16mm non-synchronous film with multiple soundtracks. Lab fee to be announced. Prerequisites: successful completion of 114 and consent of instructor.

5 units (Krawitz) not given 1991-92

120. Media, Policy, and Law—Introduction to legal issues relevant to journalists. Topics: privacy and libel law, newspaper joint operating agreements, broadcast licensing, the fairness doctrine, and cable regulation.

3 units, Sum

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)

125. Perspectives on Journalism—(Graduate students register for 225.) Survey of issues, ideas, and concepts in the development of American journalism, with emphasis on role of the press in society, meaning and nature of news, and professional norms that influence conduct in and outside of the newsroom. Prerequisite: 1 or junior standing.

4 units, Aut (Glasser)

131. Press Ethics and Responsibility—(Graduate students register for 231.) The development of professionalism among American journalists, with emphasis on the emergence of objectivity as a professional and epistemological norm. An applied ethics course where questions of power, freedom, and truth autonomy are treated normatively so as to foster critical thinking about the origins and implications of commonly accepted standards of responsible journalism.

4 units (Glasser) given 1992-93

136. Broadcast Journalism—(Graduate students register for 236.) 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: 104 or 204.

4 units, Spr (Staff)

138. Film Images of African-American Culture—(Same as Anthropology 130, Afro-American Studies 122.) The nature of images of African Americans and African American culture as portrayed on film. The sources of those images (including sources of African American culture itself); their variations, and how they have changed over time. Historical trends are related to changes in African Americans' self-conceptions, in their status and power in American society, in their role in the film industry, and changes in overall American race relations and American popular culture, including the film media. DR:3

5 units (Gibbs) not given 1991-92

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 on: the journalist in historical perspective; as initiator or follower of political and social trends; as propagandist; as mediator of popular culture. Enrollment limited to 12.

4 units, Win (Lewenstein)

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.

4 units (Lewenstein) not given 1991-92

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, Spr (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. DR:9(5)

3 units, Spr (Flora)

160. Political Communication—(Graduate students register for 260.) Analysis of the role of mass media and other channels of communication in political and electoral processes.

4 units, Win (Chaffee)

163. Seminar: The President, the Press, the Public, and Politics—(Same as Political Science 191.) Enrollment preference given to seniors. The interactions between the 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. Prerequisite: Political Science 101P or equivalent.

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 informa-

tion-processing technologies since 1850 and the self, mass society, and the information economy.

4 units, Spr (Nass)

170. Communication and Children I—(Graduate students register for 270.) 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:9(4)

4 units (Roberts) given 1992-93

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

3 units (Roberts) given 1992-93

172. Psychological Processing—(Graduate students register for 272.) Examines literature related to psychological processing and effects of media. Topics: unconscious processing, picture perception, attention and memory, emotion, physiology of processing media, person perception, pornography, consumer behavior, advanced film and television systems, and differences between reading, watching, and listening.

4 units, Aut (Reeves)

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 1991-92

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 1991-92

176. International Communication—(Graduate students register for 276.) Comparative study of national media systems and the policy issues arising from existing imbalances between developed and developing countries.

4 units, Spr (Wakeman)

177. Specialized Workshops—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.

177B. Science Writing—(Graduate students register for 277B.)

4 units, Spr (Lanson)

177F. Feature and Analytical Writing—(Graduate students register for 277F.)

4 units, Spr (Bettinger)

178. Media Management—The management and financial aspects of media organization. Top-

ics: 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 1991-92

180. Film Criticism—(Graduate students register for 280.) A critical view of film. Readings/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 1991-92

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

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)

195. Honors Thesis.

5-15 units, Aut, Win, Spr (Staff)

199. Individual Work—Communication majors with high academic standings are permitted to undertake individual work.

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

PRIMARILY FOR A.M. STUDENTS

200S. Film Production Workshop—Introduction to film writing and production techniques, covering the basics of cinematography, sound, and editing. Students do one or two short super 8 projects, using this as a sketchbook for 16mm, with each student producing, shooting, and editing a 2-minute, black and white film with mixed sound track.

9 units, Sum (Walton)

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

202. Graduate Colloquium in Film and Television—Topics in film and television focusing mainly on production-related issues. Enrollment limited to A.M. students in film and television program.

1 unit, Aut, Win, Spr (Staff)

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 (Lanson)

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

4 units, Aut (Staff)

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

9 units, Sum (Hale)

206. Communication Research Methods—(Graduate section; see 106.)

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

209S. Broadcast News Workshop—News production techniques and a lab emphasizing reporting techniques. Training in producing, directing, writing, and delivering television newscasts.

9 units, Sum (Doolittle)

210. Communication and Law—(Graduate section. See 110.)

216. Media Law—Law and government regulation impacting on journalists. Topics: libel, privacy, news gathering, protection of sources, fair trial and free press, theories of the First Amendment, broadcast regulation, and others.

5 units, Win (Cohen)

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/Video Directing I—For graduate students. Emphasis on conceptualizing and executing ideas for the production work done jointly with 224A. Covers all aspects of pre-production at an introductory level. Prerequisite: consent of instructor.

5 units, Aut (Lowe)

223B. Documentary Film/Video Directing II—For graduate students. 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 (Walton)

223C. Documentary Film/Video Directing III—For graduate students. 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 (Staff)

224A. Film Production I—For graduate students. 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—For graduate students. 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—For graduate students. 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)

225. Perspectives on Journalism—(Graduate section; see 125.)

231. Press Ethics and Responsibility—(Graduate section; see 131.)

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.)

243. Seminar in Communication Institutions: The Hollywood Studio System 1929-1949—Studies in the relationship between economic, cultural, and social forces and the communication industries. Prerequisite: consent of instructor.

4 units (Breitrose) not given 1991-92

250. Magazine Writing—(Graduate section; see 150.)

4 units (Staff)

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

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

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.)

272. Psychological Processing—(Graduate section; see 172.)

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—(Graduate section; see 176.)

277. Specialized Workshops—(Graduate sections; see 177.)

277B. Science Writing.

277F. Feature and Analytical 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*

291. Graduate Journalism Seminar—Required of all A.M. journalism students. Discussions are devoted to preparation for the A.M. project and to current issues in the practice and performance of the press. Meets throughout the academic year.

1-6 units, Aut, Win, Spr (Staff)

299. Individual Work.

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

PRIMARILY FOR Ph.D. STUDENTS

301. Communication Curriculum Development—Emphasis on pedagogical and other substantive issues involved in communication curriculum development. Evaluation and generation of curriculum, exam preparation, grading strategies.

1-3 units, Aut (Cohen)

306. Communication Research Methods—(Doctoral section, see 106)

311A. Theory of Communication—Required of all communication doctoral students. Approaches to communication theory; seminar and tutorial meetings; extensive reading and papers. Consent

of instructor required for anyone not a Communication Ph.D. student.

4-5 units, Aut (Chaffee, Roberts)

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

4-5 units, Win (Flora, Nass)

311C. Theory of Communication—Continuation of 311B. Prerequisites: 311A, 311B.

4-5 units, Spr (Cohen, Glasser, Reeves)

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, Win (Glasser, Reeves)

318. Doctoral Research Methods II—Continuation of 317. Sampling questionnaire design, attitude scale construction, survey administration, computer analysis of data.

4 units, Spr (Chaffee, Reeves)

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 (Nass) given 1992-93

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 (Chaffee)

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

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

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

3 units, Spr (Roberts)

373. Topics in Communication, Technology, and Society—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, Spr (Nass)

374. Structure and Control of Communication—Analysis of the political economy of mass media, emphasizing the social, cultural, and political implications of contemporary patterns of ownership, organization, and control of the major media industries in the U.S. and elsewhere.

4 units (Glasser) not given 1991-92

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

3 units, Spr (Staff) by arrangement

397. First 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

Emeritus: (Professor) Joseph Frank (Slavic Languages and Comparative Literature)

Chair: Hans Ulrich Gumbrecht

Professors: John Bender (English and Comparative Literature), Russell Berman (German Studies 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)

Associate Professors: Thomas Hare (Japanese and Comparative Literature), Jeffrey T. Schnapp (Italian and Comparative Literature)

Assistant Professor: David Palumbo-Liu (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), John Wang (Chinese and Comparative Literature)

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