

**HISTORY (CLASSHIS)**

**CLASSHIS 290. Social and Economic History of the Ancient Near East**—Most cuneiform records are administrative and economic documents. Topics include: demography and the process of urbanization; stratification and mobility; economic life, production, trade, and transport; subsistence economy; state, temple, and private property relations; distribution, rations and taxation; standard of living, prices, and wages; and social and economic reforms and the beginning of economic policy.

4-5 units, Spr (Vargyas)

**CLASSHIS 302. Hellenization**—How the western Mediterranean changed from 800-300 B.C.E. focusing on concept formation, crosscultural comparison, levels of determination, and the limits of textual and archaeological data. 18th-century Hellenist theories that Greek culture spread after the 8th century B.C.E. to form the basis of European civilization. Hellenization as crucial to narratives of European identity. How 19th- and 20th-century nationalism complicated attitudes toward Greek ruins. Postcolonial critiques of the 90s. Recent challenges to assumptions of classical scholarship; how indigenous agency, hybridity, and the Phoenicians emerged as research areas in Classics. Readings in French, Italian, Spanish, and English.

4-5 units, Win (Morris)

**CLASSHIS 303. The Logic of Ancient History**—How do ancient historians know what happened in the past? Focus is on assumptions about the logic of historical justification including narrative, falsification, counterfactual propositions, evolutionism, and postmodernism. The assumptions ancient historians make, the relationships between arguments and evidence, and internal logic of historical truth claims. Readings focus on studies by ancient historians.

4-5 units, Aut (Morris)

**CLASSHIS 305. Ancient Numismatics**—Graduate proseminar. Basic skills course required for ancient history graduate students; others by consent of instructor. Focus is on Greek and Roman coinage and monetary history; related material from the ancient Near East and Europe.

4-5 units, Win (Scheidel)

**CLASSHIS 306. Before Disciplining Classics: Antiquity in the 18th Century**—Foundational works, such as Winckelmann, Gibbon, Wolf, Hume, and French philosophers, in their original political, cultural, and scholarly contexts.

4-5 units, Spr (Ceserani)

**CLASSHIS 311. Egypt from the Saites to the Romans**—Emphasis is on connections of Egypt to the Mediterranean world emphasizing political events and socioeconomic developments. Prerequisite: consent of instructor.

4-5 units, Spr (Manning)

**COMMUNICATION**

*Emeriti: (Professors)* Henry S. Breitrose, Richard A. Brody; *(Professors, Teaching)* Ronald Alexander, Marion Lewenstein, James Risser

*Chair:* Shanto Iyengar

*Director, Institute for Communication Research:* James Fishkin

*Director, John S. Knight Fellowships for Professional Journalists:* James R. Bettinger

*Director, Documentary Film and Video:* Kristine M. Samuelson

*Director, Journalism:* Theodore L. Glasser

*Deputy Director, John S. Knight Fellowships for Professional Journalists:* Dawn E. Garcia

*Professors:* James Fishkin, Theodore L. Glasser, Shanto Iyengar, Jan Krawitz, Jon Krosnick, Clifford Nass, Byron B. Reeves, Donald F. Roberts, Kristine M. Samuelson

*Assistant Professors:* Jeremy Bailenson, Frederick Turner

*Professor (Teaching):* James R. Bettinger

*Lecturers:* Jeffrey Friedman, Dawn E. Garcia, Lisa Henriksen, John Markoff, James Wheaton

*Visiting Professors:* James Curran, David Weir, William Woo

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Courses given in Communication have the subject code COMM. For a complete list of subject codes, see Appendix.

The Department of Communication engages in research in communication and offers curricula leading to the B.A., M.A., and Ph.D. degrees. The M.A. degree prepares students for careers in journalism or documentary film and video. The department also offers students who are completing a B.A. in another department, a coterminal program with an M.A. emphasis in Media Studies. The Ph.D. degree leads to careers in university teaching and research-related specialties.

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

The John S. Knight Fellowships program brings outstanding mid-career journalists to the University to study for an academic year. The John S. and James L. Knight Foundation sponsors twelve U.S. journalists. They are joined by seven International Fellows sponsored by the Shinyoung Journalism Fund, the Lyle and Corrine Nelson International Fellowship Fund, the Knight Foundation, the Hearst Foundation, the Fulbright Program, the Koura Foundation, and others.

**ADMISSION**

*Prospective Undergraduate Students*—Write to the University's Office of Undergraduate Admissions, Stanford University, Stanford, California 94305-3005.

*Prospective Coterminal Students*—Applications are available online at <http://registrar.stanford.edu/publications/#Coterm>.

*Prospective Graduate Students*—Write to Graduate Admissions, Registrar's Office, 520 Lasuen Mall, Old Union, Stanford University, Stanford, CA 94305-3005. Online applications are strongly preferred and can be submitted on the web at <http://gradadmissions.stanford.edu>.

The department requires that applicants for graduate admission submit verbal and quantitative scores from the Graduate Record Examination (GRE). Admission to each graduate degree program is competitive, based on the pool of applicants each year rather than on standard criteria that can be stated in advance. The GRE should be taken no later than early November prior to the mid-December application deadline.

## UNDERGRADUATE PROGRAMS

### BACHELOR OF ARTS

#### PREPARATION

Before declaring the major, students must have completed or be concurrently enrolled in one of the following:

COMM 1  
COMM 106  
COMM 108

Students interested in declaring the major should see the peer advisers or the student services administrator in Building 120, Room 110A during scheduled office hours.

#### PROGRAM OF STUDY

The undergraduate curriculum is intended for liberal arts students who wish to develop a fundamental understanding of communication in society, drawing on the perspective of the social sciences. Undergraduate students majoring in communication are expected to become acquainted with the fundamental concerns, theoretical approaches, and methods of the field, and to acquire advanced knowledge in one or more of the subareas of communication institutions, processes, and effects.

While the department does not attempt to provide comprehensive practical training at the undergraduate level, the curriculum provides a diverse range of internship opportunities including professional print journalism, some of which are funded by the department's prestigious Rebele Internship Program.

The department is committed to providing students with the analytical and critical skills that are necessary for future success, be it in graduate programs, professional schools, or immediate career entry.

The major is structured to provide several levels of study: a core curriculum, intended to expose students to a broad-based understanding of communication theory and research, and a number of intermediate-level options and electives. Majors also have the opportunity to do advanced research in the form of senior projects and honors theses.

All undergraduate majors are required to complete a set of core communication courses which include COMM 1, Media Technologies, People, and Society (5 units); COMM 120, Digital Media in Society (WIM, 5 units); COMM 106, Communication Research Methods (5 units); and COMM 108, Media Processes and Effects (5 units). Core courses are given only once each year.

The department also requires completion of or concurrent registration in an introductory statistics course (STATS 60 or PSYCH 10) prior to registration in COMM 106, Communication Research Methods, in preparation for courses in methodology and advanced courses in communication processes and effects. It is recommended that this be done as soon as possible so as not to prevent registration in a course requiring statistical understanding.

In addition to the core courses and the statistics requirement, undergraduate majors select courses from the areas described below. Many of the courses require core courses as prerequisites.

*Area I: Communication Processes and Effects*—Area I emphasizes the ways in which communication scholars conduct research in, and consider the issues of, human communication. These studies aim to provide expert guidance for social policy makers and media professionals. A minimum of two courses must be taken from COMM 160, 162, 169, 170, 172.

*Area II: Communication Systems/Institutions*—Area II considers the roles and interaction of institutions such as broadcasting, film, journalism, constitutional law, and business within communication and mass communication contexts. A minimum of two courses must be taken from COMM 116, 120, 122A or B, 125, 131, 133, 136, 138, 141A or B.

*Tracks*—The communication curriculum is designed to provide a theoretical base that can be effectively applied to numerous environments. The potential tracks listed below are not required, but are examples of how to focus your interests.

1. Communication Technologies
  - a) Department of Communication (COMM):
    120. Digital Media in Society
    169. Computers and Interfaces: Psychology and Design
    172. Psychological Processing of Media
  - b) Affiliated department offerings (elective credit toward the major):
    - 1) Computer Science (CS)
      105. Introduction to Computers
      - 106A. Programming Methodology
      147. Introduction to HCI
      201. Computers, Ethics, and Social Responsibility
      - 247A. Interaction Design Studio
    - 2) Science, Technology, and Society (STS)
      101. Science, Technology, and Contemporary Society
2. Communication and Public Affairs
  - a) Department of Communication (COMM)
    125. Perspectives on American Journalism
    133. Communication and Culture
    136. Democracy and the Communication of Consent
    138. Democratic Theory
    160. The Press and the Political Process
    162. Analysis of Political Campaigns
    170. Communication and Children
  - b) Affiliated department offerings (elective credit toward the major)
    - 1) Department of Political Science (POLISCI)
      123. Politics and Public Policy
      126. Issues of Representation in American Politics
    - 2) Department of Psychology (PSYCH)
      75. Cultural Psychology
      167. Seminar on Aggression
      180. Social Psychological Perspectives on Stereotyping and Prejudice
    - 3) Public Policy Program (PUBLPOL)
      104. Economic Policy Analysis
      194. Technology Policy
3. Media Practices and Performance
  - a) Department of Communication (COMM)
    120. Digital Media in Society
    - 122A or B. The Documentary Tradition
    125. Perspectives on American Journalism
    131. Media Ethics and Responsibilities
    - 141A or B. Film History
    160. The Press and the Political Process

The remainder of the 60 required units may be fulfilled with any elective communication courses, or crosslisted courses in other departments.

To be recommended for the B.A. degree in Communication, the student must complete at least 60 units (approximately twelve courses) in the department. No more than 10 units of transfer credit or Summer Session may be applied to meet department requirements. Communication majors must receive a letter grade for all communication courses unless they are offered only for satisfactory/no credit (S/NC).

*Internship Opportunities*—Internship credit is available for Communication majors and minors. For those interested in internships, select "Internships" at <http://communication.stanford.edu>. Communication students who have received academic credit for internship experience through COMM 185 have prepared reports which are available in the department's Mendenhall Library.

### MINORS

#### PREPARATION

Before declaring the minor, students must have completed or be concurrently enrolled in one of the following:

COMM 1  
COMM 106  
COMM 108

Students interested in declaring the minor should apply via Axess. Students are required to take at least 40 units (approximately 8 courses), not counting statistics, to complete the minor.

## PROGRAM OF STUDY

The minor is structured to provide a foundation for advanced course work in communication through a broad-based understanding of communication theory and research.

The minor in Communication consists of three introductory Communication core courses that include 1, Media Technologies, People, and Society (5 units); 106, Communication Research Methods (5 units); and 108, Media Processes and Effects (5 units).

In addition to the three core courses, the minor requires a minimum of five intermediate-level elective courses in the department. The department also requires completion of or concurrent registration in an introductory statistics course (STATS 60 or PSYCH 10) prior to registration in COMM 106, Communication Research Methods. It is strongly recommended that the course in statistics be taken as early as possible, preferably in the Autumn Quarter of the junior year. The Statistics course does not count toward the 40 units to complete the communication minor.

Students interested in declaring a minor must do so no later than registration day in the Autumn Quarter of the junior year. Core courses are offered only once annually, and they constitute a sequence:

Prerequisite: introductory statistics course (for example, PSYCH 10)

Core Courses: COMM 1, 106, 108

Area I, Communication Processes and Effects: a minimum of one course from COMM 160, 162, 169, 170, 172

Area II, Communication Systems and Institutions: a minimum of one course from COMM 116, 120, 122A or B, 125, 131, 133, 136, 138, 141A or B  
Plus three elective courses

Some courses are not given every year. Refer to program handout and the *Time Schedule* for details.

## HONORS PROGRAM

The honors program provides undergraduates the opportunity to undertake a significant program of research in an individual professor/student mentoring relationship. The aim is to guide students through the process of research, analysis, drafting, rethinking, and redrafting, which is essential to excellence in scholarship. Working one-on-one with a faculty adviser, seniors earn 15 Communication units, culminating in an honors thesis. In order to be eligible for the honors program, interested majors must have: (1) successfully completed both a research methods and statistics course, (2) selected an adviser, and (3) submitted an application to the department by the end of their junior year. An application may be picked up outside Room 110, Building 120.

Students are expected to make steady progress on their honors thesis throughout the year. Students who fail to submit a satisfactory draft Autumn Quarter will be dropped from the program.

A final copy of the honors thesis must be read and approved by the adviser and submitted to the department by the eighth week of Spring Quarter (exact date to be arranged). It becomes part of a permanent record held by the department. Honors work may be used to fulfill communication elective credit but must be completed and a letter grade submitted prior to graduation. A student failing to fulfill all honors requirements may still receive independent study credit for work completed and it may be applied toward fulfilling major requirements.

The designation "graduation with honors" is awarded by the Department of Communication to those graduating seniors who, in addition to having completed all requirements for the Communication major:

1. complete an honors thesis
2. maintain a distinguished grade point average (GPA) in all Communication course work
3. are recommended by the Communication faculty

## COTERMINAL BACHELOR'S AND MASTER'S PROGRAM

The Department of Communication offers students who are completing a B.A. in another department, a coterminal program with an M.A. emphasis in Media Studies (see "Media Studies Program" below for more information); applications can be accessed online at <http://registrar.stanford.edu/pdf/CotermApplic.pdf>.

Applications for coterminal study must be submitted at least four quarters in advance of the expected master's degree conferral date. Applicants must have earned a minimum of 120 units toward graduation (UTG) as shown on the undergraduate unofficial transcript. This includes allowable advanced placement (AP) and transfer credit. Applications may be submitted no later than December 14, 2004 for admission beginning in either Winter or Spring Quarter 2004-05 or Autumn Quarter 2005-06. There is no rolling admission in the Communication department. Requirements include: Application for Admission to Coterminal Master's Program form, preliminary program proposal, statement of purpose, three letters of recommendation from Stanford professors, and a current Stanford transcript. GRE scores are not required. Coterminal applications are submitted directly to the department. Review procedures and the Graduate Admissions Committee determine criteria.

For University coterminal degree program rules and University application forms, see <http://registrar.stanford.edu/publications/#Coterm>.

## GRADUATE PROGRAMS

### MASTER OF ARTS

University requirements for the master's degree are described in the "Graduate Degrees" section of this bulletin.

The department awards terminal M.A. degrees in Journalism and Documentary Film/Video. Applicants for each program, and for doctoral work, are evaluated for admission on different criteria. A student may complete more than one M.A. degree in the department, but course work applied to the requirements for one M.A. degree may not be applied to a second. All work to fulfill graduate degree requirements must be in courses numbered 100 or above.

Students who complete an M.A. degree and who desire entry into the Ph.D. program must file a Graduate Program Authorization Petition application that can be picked up at the Registrar's Information Windows in the lobby of Old Union. Such students are considered alongside all other doctoral applicants.

The M.A. degree in Media Studies is only available to current Stanford University undergraduates who are majoring in another department. See more information on subsequent pages for additional description.

### DOCUMENTARY FILM AND VIDEO

The graduate program in documentary film and video is a master's program designed to train students in the conceptual and craft skills for the production of nonfiction film and video.

The program requires continuous enrollment for a period of two academic years (6 quarters), with a completion date of June in the second year. Students proceed through the program as a cohort. The program does not allow for a leave of absence.

The specific curriculum is listed in the following paragraphs. Full tuition (\$9,949 per quarter for the 2004-05 year) is charged for each quarter of the first year. During the Autumn Quarter of the second year, tuition is charged at the 10-unit rate (\$6,480). For the Winter and Spring quarters, tuition is charged at the 7-unit rate (\$4,536). However, due to BCIS regulations, international students are required to register and pay for 8 units of tuition during Winter Quarter of the second year in order to remain in-status with regard to their student visa.

### CURRICULUM

The curriculum is project-based and is intended to teach the technical and conceptual skills required for the development of creative work as well as relevant historical and theoretical knowledge.

#### *First-Year Curriculum 2004-05*

#### Autumn Quarter

- 202A. Graduate Colloquium in Documentary
- 222B. Contemporary Issues in Documentary
- 223. Film/Video Writing & Directing
- 224. Introduction to Film Production

#### Winter Quarter

- 202B. Graduate Colloquium in Documentary
- 228. Digital Video
- Elective 1 (3-5 units)
- Elective 2 (3-5 units)

**Spring Quarter**

202C. Graduate Colloquium in Documentary  
 229. Advanced Film Production  
 232. Advanced Documentary Directing  
 Elective (3-5 units)

*Second-Year Curriculum 2005-06*

**Autumn Quarter**

202A. Graduate Colloquium in Documentary  
 222A. The Documentary Tradition  
 292. Producing the Nonfiction Film

**Winter Quarter**

202B. Graduate Colloquium in Documentary  
 293A. M.A. Project Seminar I

**Spring Quarter**

202C. Graduate Colloquium in Documentary  
 293B. M.A. Project Seminar II

**ELECTIVES**

The student is required to take three electives in the first year. A list of possible electives is distributed toward the end of Autumn Quarter. Elective courses may be drawn from Department of Communication offerings or other departments with courses relevant to the curriculum. Some courses are not offered every year, and there may be time conflicts with core courses. Students should consult the University Time Schedule each quarter for current information. All elective choices must be approved by the Program Director.

All electives that fulfill graduation requirements must be taken for a letter grade. A student may opt to take an elective whose content supports the anticipated subject of the M.A. project in the Spring Quarter of the first year. The student must submit a petition to the documentary faculty requesting permission to take this course and indicate how the course is relevant to his/her research.

**EQUIPMENT AND SUPPLIES**

The department maintains film and video production facilities and equipment for teaching and research purposes. However, the costs of supplies and laboratory services are the responsibility of the students.

Material costs are approximately \$1,200 for the first year of residence. In the second year, costs vary depending on subject, format/length, and logistics, but \$1,500-7,000 is typically the range for an M.A. project.

**M.A. PROJECT**

In the second year of the program, each student individually produces an M.A. project that consists of a 15-20 minute film or video documentary.

Students own their own work, but the department reserves the right to use student projects for non-profit University-related purposes.

In order to graduate, students must deposit with the faculty adviser a DVCam master, one VHS copy of their film or video project, and a revised final budget that reflects the projected and actual cost of their production. In the case of film, the master copy must be made once the film is printed and, in the case of video, the submaster must be made from the online master. Students must contact the department's student services administrator during the quarter in which they expect to graduate in order to determine what needs to be done to file for graduation. Students working in film may not have completed their final printing work prior to the end of the Spring Quarter. It is therefore possible for a student to officially graduate in the Summer Quarter immediately following their enrollment in COMM 293B, although they will not have access to faculty or facilities during this period. No extensions or leaves of absence are granted.

All M.A. projects must be completed by the end of the Spring Quarter of the second year. In order to graduate, the student (1) must complete online editing and final sound sweetening; and (2) must procure all license agreements and permissions for copyrighted music and archival material. The M.A. projects are screened for the public during Saturday of Commencement weekend.

**JOURNALISM**

Stanford's Graduate Program in Journalism focuses on the knowledge and skills required to report, analyze, and write authoritatively about public issues. The curriculum combines a sequence of specialized reporting and writing courses with seminars and courses devoted to deepening the students' understanding of the roles and responsibilities of American news media in their coverage of public issues.

The program emphasizes both rigorous preparation for the practice of journalism as well as a critical perspective from which to understand it. The program's objective, then, is twofold: (1) to graduate talented reporters and writers who will foster public understanding of the significance and consequences of public issues and the debates they engender; and (2) to graduate thoughtful journalists who will respond openly and eloquently when called on to explain and defend the methods of their reporting and the quality of their writing.

**CURRICULUM**

The curriculum includes seven required courses and a master's project:

216. Journalism Law  
 217. Digital Journalism  
 225. Perspectives on American Journalism  
 244. Democracy, the Press, and Public Opinion  
 273. Public Issues Reporting I  
 274. Public Issues Reporting II  
 289. Journalism M.A. Project  
 291A,B,C. Graduate Journalism Seminar

Additionally, students are required to take two specialized writing courses, typically one each during Winter and Spring quarters; one or two approved electives from among graduate-level courses in the Department of Communication; and one or two approved electives from among courses on campus that deal substantively with issues of public importance. The M.A. degree in Communication (Journalism) requires a minimum of 48 units.

A typical schedule follows:

**Autumn Quarter 2004**

216. Journalism Law  
 225. Perspectives on American Journalism  
 273. Public Issues Reporting I  
 291. Graduate Journalism Seminar  
 Elective

**Winter Quarter 2005**

217. Digital Journalism  
 274. Public Issues Reporting II  
 277. Specialized Reporting/Writing  
 291. Graduate Journalism Seminar  
 Elective

**Spring Quarter 2005**

244. Democracy, the Press and Public Opinion  
 277. Specialized Reporting/Writing  
 289. Journalism M.A. Project  
 291. Graduate Journalism Seminar  
 Elective

Except for the Graduate Journalism Seminar and the Journalism Project, all courses must be taken for a letter grade. To remain in good academic standing, students must maintain a grade point average (GPA) of 3.0 or better. Graduation requires a GPA of 3.0 or better.

**JOURNALISM PROJECT**

The master's project, a requirement for graduation, is intended as an opportunity for students to showcase their talents as writers and reporters. It is also an opportunity to undertake an in-depth critique of an area of journalism in which the author has a special interest. Work on the project usually begins during the Winter Quarter and continues through the Spring Quarter. It represents a major commitment of time, research, and writing. Although it is not a requirement that the project be published, it must be judged by a member of the faculty to be of a quality acceptable for publication. At a minimum, the project should demonstrate the rigor and discipline required of good scholarship and good journalism; it should offer ample evidence of students' ability to gather, analyze, and synthesize information in a manner that goes beyond what ordinarily appears in daily newspapers.

## MEDIA STUDIES

The Media Studies coterminal master's program provides a broad introduction to scholarly literature in mass communication. This one-year program is designed for current Stanford students without prior academic work in communication, who wish academic preparation for teaching.

Media Studies students need to satisfy four basic requirements:

1. *Required Units and GPA*: students must complete a minimum of 45 units in Communication and related areas, including items 2 and 3 below. Normally a grade point average (GPA) of 3.0 or better satisfies the requirement for high academic standing. To count toward the 45 units, all courses must be taken for a letter grade, if offered, and courses in related areas outside the department must be approved by the student's adviser.
2. *Core Requirements*: students must complete COMM 206, 208, and a statistics course. Typically, the statistics requirement is met with STATS 160 or 190. Other courses occasionally are approved as a substitute before the student is admitted to the program. The Statistics course does not count toward the 45 units.
3. *Six Media Studies Courses*: students must complete a minimum of 6 additional communication courses from the following list of department courses concerned with the study of media. While the department also offers graduate-level courses teaching media-related skills (e.g., COMM 273 or 277), these courses are intentionally excluded from the list. Not all the listed courses are offered every year and the list may be updated from one year to the next. However, its intent is to include only courses in media studies, not media skills. In addition to the core requirements and a minimum of 6 courses listed below, students may select additional courses from the list and any related course approved by the student's adviser.

- 211. Media Technologies, People, and Society
- 216. Journalism Law
- 217. Digital Journalism
- 220. Digital Media in Society
- 222A. The Documentary Tradition
- 225. Perspectives on American Journalism
- 231. Media Ethics and Responsibility
- 236. Democracy and the Communication of Consent
- 238. Democratic Theory
- 260. The Press and the Political Process
- 262. Analysis of Political Campaigns
- 266. Virtual People
- 268. Experimental Research in Advanced User Interfaces
- 269. Computers and Interfaces: Psychology and Design
- 270. Communication and Children
- 272. Psychological Processing of Media
- 280. Film Criticism
- 314. Doctoral Research Methods IIB\*
- 318. Doctoral Research Methods II\*
- 319. Doctoral Research Methods III\*

4. *Two Extensive Projects*: students complete projects in two of the required communication courses listed in item 3 above. The projects requirement is intentionally flexible to permit students to adjust it to their interests, in consultation with professors.
  - a) Each project must grow out of a Communication course the student has taken.
  - b) Projects must be supervised by a faculty member, typically the professor who taught the course that inspired the project (but not necessarily the student's adviser for the Media Studies program). Only a faculty member, not a Ph.D. student, can approve a topic and supervise a paper.

\* These courses are designed for Ph.D. students. Master's students are unlikely to be admitted to take them, but the final decision is up to the faculty.

Additional courses are selected in consultation with an academic adviser. A course in statistical methods is strongly recommended.

## DOCTOR OF PHILOSOPHY

University requirements for the Ph.D. are described in the "Graduate Degrees" section of this bulletin. The minimum number of academic units required for the Ph.D. at Stanford is 135, up to 45 of which can be transferred either from a master's degree at the University or from another accredited institution.

The department offers a Ph.D. in Communication Theory and Research. First-year students are required to complete introductory courses in communication theory and research, research methods, and statistics. These core courses, grounded in the social science literature, emphasize how people respond to media and how media institutions function. In addition, Ph.D. students must complete a minimum of three literature survey courses and related advanced seminars in Communication. Students also take significant course work outside the department in their area of interest. Each student builds a research specialty relating communication to current faculty interests in such areas as ethics, human-computer interactions, information processing, information technology, law, online communities, politics and voting, virtual reality, and youth and media. Regardless of the area of specialization, the Ph.D. program is designed primarily for students interested in university research and teaching or other research or analyst positions.

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

1. Complete all departmental course requirements with grades of 'B+' or above. Currently these courses include COMM 206, 208, 311, 314 or 318, 317, and 319. Students are also required to take two quarters of statistics or one quarter of statistics and an advanced methods course.
2. Pass the general qualifying examinations by the end of the second academic year of study and pass a specialized area examination by the end of the third academic year of study.
3. Demonstrate proficiency in tools required in the area of research specialization. Identified with the advice of the faculty, such tools may include detailed theoretical knowledge, advanced statistical methods, computer programming, a foreign language, or other technical skills.
4. Complete at least two pre-dissertation research projects (the Major Project and the Complementary Project).
5. Teach or assist in teaching at least two courses, preferably two different courses, at least one of which is ideally a core undergraduate course (COMM 1, 106, and 108).
6. Complete a dissertation proposal and proposal meeting approved by the dissertation committee.
7. Apply for candidacy by the end of the second year of graduate study. The requirements and procedures for applying for candidacy can be found in the document, "Official Rules and Procedures for the Ph.D. in the Department of Communication," available from the student services administrator of the department.
8. Complete a dissertation satisfactory to a reading committee of three or more faculty members in the Department of Communication and one faculty member not in the Department of Communication.
9. Pass the University oral examination, which is a defense of the dissertation.

Because the multifaceted nature of the department makes it possible for the Ph.D. student to specialize in areas that draw on different related disciplines, the plan of study is individualized and developed between the faculty adviser and the student.

Ph.D. candidacy is valid for five years.

Other requirements and details of the requirements can be found in the document, "Official Rules and Procedures for the Ph.D. in the Department of Communication," available from the student services administrator of the department.

## 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 the department. A department adviser in consultation with the individual student determines the particular communication theory and methods courses.

## THE INSTITUTE FOR COMMUNICATION RESEARCH

The Institute is an office of project research for the faculty of the Department of Communication and operates under grants to faculty from government, industry, and non-profit organizations. Research assistantships are often available to qualified Ph.D. students in Communication.

## COURSES

WIM indicates that the course satisfies the Writing in the Major requirements.

### PRIMARILY FOR UNDERGRADUATES

**COMM 1. Media Technologies, People, and Society**—(Graduate students register for 211.) Open to non-majors. Introduction to the fundamental concepts and contexts of communication. A topics-structured orientation emphasizing the field and the scholarly endeavors represented in the department. GER:3b

*4-5 units, Aut (Nass)*

**COMM 104. Reporting, Writing, and Understanding the News**—Basic techniques of news reporting and writing. The value and role of news in democratic societies. GER:3b

*5 units, Aut (Weir)*

**COMM 106. Communication Research Methods**—(Graduate students register for 206.) Conceptual and practical concerns underlying commonly used quantitative approaches (experimental, survey, content analysis, and field research) in communication. GER:3b

*4-5 units, Win (Henriksen)*

**COMM 108. Media Processes and Effects**—(Graduate students register for 208.) The process of communication theory construction, including a survey of social science paradigms and major theories of communication. Recommended: 1 or PSYCH 1. GER:3b

*4-5 units, Win (Roberts)*

**COMM 109. Research Practicum in Media Effects**—May be repeated for credit. Topic and instructor change each year. Prerequisite 108 or consent of instructor.

*3 units, Spr (Roberts)*

**COMM 112N. Media Violence: What is it? How does it affect people?**—Stanford Introductory Seminar. Concerns of educators, social critics, and parents about violence portrayed in media and potential negative effects of exposure to symbolic violence. Increases in these with the introduction of each successive new medium: movies, television, music videos, computers, and video games. Whether and how media violence affects audience beliefs, attitudes, and behavior. Should anything should be done about it?

*4 units, Spr (Roberts)*

**COMM 116. Journalism Law**—(Undergraduate section; see 216.)

*4-5 units, Aut (Wheaton)*

**COMM 117. Digital Journalism**—(Undergraduate section; see 217.)

*4-5 units, Win (Turner)*

**COMM 118Q. Theories of Film Practices**—Stanford Introductory Seminar. Preference to sophomores. How theory connects with practice in the production of film and television. Film and television from the perspectives of practitioners who have theorized about their work in directing, editing, screenwriting, cinematography, and sound, and social scientists whose research has explored similar issues empirically.

*4 units, Win (Breitrose)*

**COMM 120. Digital Media in Society**—(Graduate students register for 220.) Contemporary debates concerning the social and cultural impact of digital media. Topics include the historical origins of digital media, the cultural contexts of their development and use, and the influence of digital media on our conceptions of self, community, and state. GER:3b,WIM

*4-5 units, Spr (Turner)*

**COMM 122A. The Documentary Tradition**—(Graduate students register for 222A.) The evolution of the documentary idea, as evidenced in the ideas and work of film makers, from the late 19th century until 1960. Prerequisite: consent of instructor. GER:3b

*4-5 units (Breitrose) not given 2004-05*

**COMM 122B. Contemporary Issues in Documentary**—(Graduate students register for 222B.) Issues in contemporary documentary film/video including objectivity/subjectivity, ethics, censorship, representation, reflexivity, responsibility to the audience, and authorial voice. The viewing and analysis of films has a parallel focus on form and content. Prerequisite: consent of instructor. GER:3b

*4-5 units, Aut (Krawitz) alternate years, not given 2005-06*

**COMM 125. Perspectives on American Journalism**—(Graduate students register for 225.) Survey of issues, ideas, and concepts in the development of American journalism, emphasizing the role of the press in society, the meaning and nature of news, and professional norms that influence conduct in and outside of the newsroom. Prerequisite: 1 or junior standing. GER:3b

*4-5 units, Aut (Glasser)*

**COMM 131. Media Ethics and Responsibilities**—(Graduate students register for 231.) The development of professionalism among American journalists, emphasizing the emergence of objectivity as a professional and the 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. GER:3b

*4-5 units, Spr (Glasser)*

**COMM 135. Survey Research Methods: Describing Large Populations with Small Samples and Precise Measures**—The science of survey methodology and the principles of optimal survey design. Comparative study designs (cross-sections versus panels); sampling techniques; modes of data collection (face-to-face, telephone, paper, Internet); designing questions to accurately measure behavior, attitudes, and personality; data collection procedures; data processing and analysis; reporting results; ethics of surveys; causal inference with surveys; and approaches to critiquing surveys. GER:3b

*5 units (Krosnick) not given 2004-05*

**COMM 136. Democracy and the Communication of Consent**—(Graduate students register for 236.) Focus is on competing theories of democracy and the forms of communication they presuppose, combining normative and empirical issues, and historical and contemporary sources. Topics include representation, public opinion, mass media, small group processes, direct democracy, the role of information, and the prospects for deliberative democracy. GER:3b

*4-5 units, Aut (Fishkin)*

**COMM 138. Democratic Theory: Normative and Empirical Issues**—(Graduate students register for 238.) Focus is on conflicting visions in terms of normative conflicts and empirical evidence. How citizens communicate with each other and their representatives, and how their representatives deliberate. Topics include theories of deliberation, how democracy is transformed when it is brought to the mass public, how informed a public is needed, and potential pathologies of small group communication in settings including juries, town meetings, and contemporary public consultations. Readings include Madison, Burke, Mill, Lippmann, Dewey, Schumpeter, Dahl, Sunstein, and Mansbridge. GER:3b

*4-5 units (Fishkin) not given 2004-05*

**COMM 160. The Press and the Political Process**—(Graduate students register for 260; same as POLISCI 323R.) Analysis of the role of mass media and other channels of communication in political and electoral processes. GER:3b

*4-5 units, Aut (Iyengar)*

**COMM 162 Analysis of Political Campaigns**—(Graduate students register for 262; same as POLISCI 323S.) Seminar. The evolution of American political campaigns, and the replacement of the political party by the mass media as intermediary between candidates and voters.

Academic literature on media strategies, the relationship between candidates and the press, the effects of campaigns on voter behavior, and inconsistencies between media campaigns and democratic norms. Do media-based campaigns enable voters to live up to their civic responsibility? Has the need for well-financed campaigns increased the influence of elites over nominations? Have citizens become disengaged? GER:3b  
4-5 units (*Iyengar*) not given 2004-05

**COMM 165. Mass Media Economics and Policy**—(Enroll in PUBLPOL 172.)

4-5 units, *Aut* (*Owen*)

**COMM 166. Virtual People**—(Graduate students register for 266.) Topics include defining the concept of virtual people or digital human representations, methods of constructing and using virtual people, methodological approaches to interactions with and among virtual people, and current applications. Multidisciplinary including popular culture (how virtual people are defined in literature and film), engineering (how virtual people are constructed), behavioral science (how actual people respond to virtual people), computer science (what types of algorithms drive the behaviors of virtual people), and communication (how virtual people change the way people interact with one another).

4-5 units, *Win* (*Bailenson*)

**COMM 169. Computers and Interfaces**—(Graduate students register for 269.) Interdisciplinary. User responses to interfaces and design implications of those responses. Theories from different disciplines illustrate responses to textual, voice-based, pictorial, metaphoric, conversational, adaptive, agent-based, intelligent, and anthropomorphic interfaces. Group design project applying theory to the design of products or services for developing countries. GER:3b

4-5 units, *Win* (*Nass*)

**COMM 170. Communication and Children I**—(Graduate students register for 270.) Developmental approach. How children use and process mass media, what information they obtain, and how their behavior is influenced by the media. Prerequisite: 1, PSYCH 1, or SOC 1. GER:3b

4-5 units (*Roberts*) not given 2004-05

**COMM 172. Psychological Processing of Media**—(Graduate students register for 272.) The literature related to psychological processing and the effects of media. Topics: unconscious processing; picture perception; attention and memory; emotion; the physiology of processing media; person perception; pornography; consumer behavior; advanced film and television systems; and differences among reading, watching, and listening. GER:3b

4-5 units, *Spr* (*Reeves*)

**COMM 177A. Specialized Writing and Reporting: Commentary**—(Same as 277A; see 277A.)

4-5 units, *Win* (*Woo*)

**COMM 177F. Specialized Writing and Reporting: Literary Journalism**—(Same as 277F; see 277F.)

4-5 units, *Win* (*Bettinger*)

**COMM 177P. Specialized Writing and Reporting: Book Writing**—(Same as 277P; see 277P.)

4-5 units (*Staff*) not given 2004-05

**COMM 177R. Writing and Reporting: Covering Silicon Valley**—(Same as 277R; see 277R.)

4-5 units, *Spr* (*Markoff*)

**COMM 177T. Specialized Writing and Reporting: Journalism as Biography**—(Same as 277T; see 277T.)

4-5 units, *Spr* (*Weir*)

**COMM 180. Film Criticism**—(Graduate students register for 280.) Practical and critical view of film. Readings consider models of artistic and literary criticism as points of comparison. Weekly reviews stress analysis of the films and lucid writing. Prerequisite: 101 or 141.

4-5 units, *Aut* (*Breitrose*)

**COMM 185. Internship Experience**—Professional experience in the media. Prerequisite: Communication major or minor.

1-4 units, *Aut, Win, Spr* (*Staff*)

**COMM 190. Senior Project**

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

**COMM 195. Honors Thesis**—Qualifies students to conduct communication research. Student must apply for department honors thesis program during Spring Quarter of junior year.

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

**COMM 199. Individual Work**—Students with high academic standing are permitted to undertake individual work.

1-5 units, *Aut, Win, Spr* (*Staff*)

## PRIMARYLY FOR MASTER'S STUDENTS

**COMM 202A,B,C. Graduate Colloquium in Documentary**—Topics in film and television focusing mainly on production-related issues. Prerequisite: documentary film and video graduate student only. Must be taken each quarter of 6-quarter program.

1 unit, **A:** *Aut* (*Samuelson*), **B:** *Win* (*Krawitz*), **C:** *Spr* (*Friedman*)

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

4-5 units, *Win* (*Henriksen*)

**COMM 208. Media Processes and Effects**—(Graduate section; see 108.)

4-5 units, *Win* (*Roberts*)

**COMM 211. Media Technologies, People, and Society**—(Graduate section; see 1.)

4-5 units, *Aut* (*Nass*)

**COMM 216. Journalism Law**—(Undergraduates register for 116.) Law that journalists should know. Topics include constitutional principles and theoretical bases for the First Amendment, libel and privacy, rules and limitations on news gathering and protecting confidential sources, basics of the legal system, and conflicts between a fair trial and a free press. Old rules in new places: the Internet, copyright, and obscenity. Prerequisite: Journalism M.A. student or advanced Communication major.

4-5 units, *Aut* (*Wheaton*)

**COMM 217. Digital Journalism**—(Undergraduates register for 117.) Seminar and practicum. The implications of new media for journalists. Professional and social issues related to the web as a case of new media deployment, as a story, as a research and reporting tool, and as a publishing channel. Prerequisite: journalism M.A. student or consent of instructor.

4-5 units, *Win* (*Turner*)

**COMM 220. Digital Media in Society**—(Graduate section; see 120.)

4-5 units, *Spr* (*Turner*)

**COMM 222A. The Documentary Tradition**—(Graduate section; see 122A.)

4-5 units (*Breitrose*) not given 2004-05

**COMM 222B. Contemporary Issues in Documentary**—(Graduate section; see 122B.)

4-5 units, *Aut* (*Krawitz*) alternate years, not given 2005-06

**COMM 223. Film/Video Writing and Directing**—Emphasis is on conceptualizing and executing ideas for the production work done jointly with 224, covering all aspects of preproduction at an introductory level. Prerequisite: documentary film and video graduate student.

5 units, *Aut* (*Samuelson*)

**COMM 224. Introduction to Film Production**—Introduction to 16mm production techniques and concepts. Final project is a short film with a non-synchronous sound design, shot in 16mm black-and-white. Prerequisite: documentary film and video master's student.

5 units, *Aut* (*Krawitz*)

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

*4-5 units, Aut (Glasser)*

**COMM 226. Reconstructing Film Theory**—Seminar. Current controversies in the theory of the documentary. Authors include Noel Carroll, Carl Plantinga, Leslie Woodhead, Trevor Ponck, and Robert Rosenstone. Topics: rhetoric of non-fiction, the border between factual and fictional, subjectivity and objectivity, truth claims, reflexivity, and the art documentary. Prerequisite: enrollment in M.A. Documentary Film program or consent of instructor.

*3-4 units, Win (Breitrose)*

**COMM 228. Digital Video**—Introduces the fundamentals of digital storytelling. Emphasis is on working with small format cameras, interviewing techniques, and nonlinear editing skills. Prerequisite: documentary film and video graduate student.

*5 units, Win (Krawitz)*

**COMM 229. Advanced Film Production**—Final quarter of professional training in motion picture production. Production of a short observational, sync-sound exercise, and a 5-7 minute documentary shot in 16mm film and edited on digital video. Techniques of visual storytelling and observational shooting. Prerequisite: documentary film and video graduate student.

*5 units, Spr (Samuelson)*

**COMM 231. Media Ethics and Responsibilities**—(Graduate section; see 131.)

*4-5 units, Spr (Glasser)*

**COMM 232. Advanced Documentary Directing**—For graduate students. Further examination of structure, emphasizing writing and directing the documentary. Practical training in fundraising and distribution. Prerequisites: 223, 228. Corequisite: 229.

*5 units, Spr (Friedman)*

**COMM 236. Democracy and the Communication of Consent**—(Graduate section; see 136.)

*4-5 units, Aut (Fishkin)*

**COMM 236G. Democracy, Justice, and Deliberation**—(For undergraduates and M.A. students; Ph.D. students, register for 336G.) Decision processes that make a normative claim to resolve questions of public choice, at any of these levels of choice: first principles, constitutions, public policies, or particular outcomes. Topics include democratic theory, the theory of justice and issues of deliberation in small groups, public consultations, conventions, juries, and thought experiments popular in contemporary political theory. Readings include Madison, Tocqueville, Mill, Marx, Rawls, Nozick, Ackerman, and Schudson. Preference to graduate students. Prerequisite: consent of instructor.

*1-5 units (Fishkin) not given 2004-05*

**COMM 238. Democratic Theory: Normative and Empirical Issues**—(Graduate section; see 138.)

*4-5 units (Fishkin) not given 2004-05*

**COMM 239. Questionnaire Design for Surveys and Laboratory Experiments: Social and Cognitive Perspectives**—The social and psychological processes involved in asking and answering questions via questionnaires for the social sciences; optimizing questionnaire design; open versus closed questions; rating versus ranking; rating scale length and point labeling; acquiescence response bias; don't-know response options; response choice order effects; question order effects; social desirability response bias; attitude and behavior recall; and introspective accounts of the causes of thoughts and actions.

*4 units, Spr (Krosnick)*

**COMM 244. Democracy, Press, and Public Opinion**—The democratic tradition provides conflicting visions of what a democracy is or might be, offering different views of the role of the press and citizens in engaging public issues. Focus is on democratic theory with empirical work on public opinion and the role of the media. Topics include

campaigns, the effects of new technology, competing strategies of public consultation, public journalism, and possibilities for citizen deliberation. Prerequisite: consent of instructor.

*1-4 units, Spr (Fishkin)*

**COMM 245. Media Entertainment and Journalism: An International Perspective**—(Same as 345; see 345.)

*1-4 units, Win (Curran)*

**COMM 260. The Press and the Political Process**—(Graduate section; see 160; same as POLISCI 323R.)

*4-5 units, Aut (Iyengar)*

**COMM 262. Analysis of Political Campaigns**—(Graduate section; see 162; same as POLISCI 323S.)

*4-5 units (Iyengar) not given 2004-05*

**COMM 266. Virtual People**—(Graduate section; see 166.)

*4-5 units, Win (Bailenson)*

**COMM 268. Experimental Research in Advanced User Interfaces**—(For undergraduates and M.A. students; Ph.D. students, register for 368.) Project-based course involves small groups designing and implementing an experiment concerning voice and agent user interfaces. Each group is involved in a different, publishable research project. Prerequisite: consent of instructor.

*1-5 units, Spr (Nass)*

**COMM 269. Computers and Interfaces**—(Graduate section; see 169.)

*4-5 units, Win (Nass)*

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

*4-5 units (Roberts) not given 2004-05*

**COMM 272. Psychological Processing of Media**—(Graduate section; see 172.)

*4-5 units, Spr (Reeves)*

**COMM 273. Public Issues Reporting I**—Reporting and writing on government and public policies and issues; their implications for the people and the press. Required for journalism M.A. students.

*4 units, Aut (Woo)*

**COMM 274. Public Issues Reporting II**—Student teams study one major public policy issue that has broad societal impact. Students report and write individually; team produces a body of journalism that advances the understanding of a new issue each year, published on a web site and offered for publication to newspapers and other media outlets. Prerequisites: 273; journalism M.A. student.

*4 units, Win (Weir)*

**COMM 277A. Specialized Writing and Reporting: Commentary**—(Undergraduates register for 177A.) Opinion writing in the form of editorials, op-ed essays, and first person columns. Prerequisite: 104 or consent of instructor.

*4-5 units, Win (Woo)*

**COMM 277F. Specialized Writing and Reporting: Literary Journalism**—(Undergraduates register for 177F.) Using the tools of literature to tell the true stories of journalism. Characterization, narrative plotting, scene-setting, point of view, tone and style, and the techniques of reporting for literary journalism, interviewing, and story structure. Prerequisite: 104 or consent of instructor.

*4-5 units, Win (Bettinger)*

**COMM 277P. Specialized Writing and Reporting: Book Writing**—(Undergraduates register for 177P.)

*4-5 units (Staff) not given 2004-05*

**COMM 277R. Writing and Reporting: Covering Silicon Valley**—(Undergraduates register for 177R.) Focus is on techniques to write and report about Silicon Valley technologies. Visits from professional writers. Prerequisite: 104 or consent of instructor.

*4-5 units, Spr (Markoff)*

**COMM 277T. Specialized Writing and Reporting: Journalism as Biography**—(Undergraduates register for 177T.) How journalistic techniques, such as interviews and public record searches, can be used in writing biographies and profiles. The limits and challenges of such methods, and the opportunities and ethical dilemmas. Prerequisite: 104 or consent of instructor.

*4-5 units, Spr (Weir)*

**COMM 280. Film Criticism**—(Graduate section; see 180.)

*4-5 units, Aut (Breitrose)*

**COMM 289. Journalism Master's Project**

*4 units, Spr (Staff)*

**COMM 291. Graduate Journalism Seminar**—Required of students in the graduate program in Journalism. Meets throughout the year as a forum for discussion of current issues in the practice and performance of the press. Journalists in or visiting the Bay Area are often guest speakers.

*1 unit, Aut (Glasser), Win (Woo), Spr (Garcia)*

**COMM 292. Producing the Nonfiction Film**—Research and conceptualize documentary media projects, including development of nonfiction proposals. Prerequisite: documentary film and video master's student.

*5 units, Aut (Samuelson)*

**COMM 293A. Documentary Film and Video M.A. Project Seminar I**—Production of master's documentary film or video project. Focus is on storytelling structure and other practical, aesthetic, and ethical issues. Prerequisite: documentary film and video master's student.

*6 units, Win (Friedman)*

**COMM 293B. Documentary Film And Video M.A. Project Seminar II**—Editing and post-production of master's documentary film or video project. Focus is on aesthetic choices (structure, narration, music), distribution, contracts, and audience. Prerequisite: documentary film and video master's student.

*6 units, Spr (Krawitz)*

**COMM 299. Individual Work**

*1-4 units, Aut, Win, Spr (Staff)*

## PRIMARYLY FOR DOCTORAL STUDENTS

**COMM 301. Communication Curriculum Development and Pedagogy**—Required of all second-year Ph.D. students.

*1-5 units, Aut (Nass)*

**COMM 311. Theory of Communication**—Required of all communication doctoral students. Approaches to communication theory, seminar and tutorial meetings, and extensive reading and papers. Prerequisite: Communication Ph.D. student, or consent of instructor.

*1-5 units, Aut (Roberts)*

**COMM 314. Doctoral Research Methods II B**—Part of the doctoral research methods sequence. The logic of qualitative research methods and modes of inquiry relevant to the study of communication and meaning. Prerequisite: Communication Ph.D. student, or consent of instructor.

*1-5 units, Spr (Glasser)*

**COMM 317. Doctoral Research Methods I**—Prerequisite: consent of instructor.

*1-5 units, Win (Fishkin)*

**COMM 318. Doctoral Research Methods II**—Prerequisite: consent of instructor.

*1-5 units, Win (Krosnick)*

**COMM 319. Doctoral Research Methods III**—Prerequisite: consent of instructor.

*1-5 units, Spr (Bailenson)*

**COMM 320G. Advanced Topics in New Media and American Culture**—Primarily for Ph.D. students. Prerequisite: 220 (formerly 219) or consent of instructor.

*1-5 units, Spr (Turner)*

**COMM 326. Advanced Topics in Human Virtual Representation**—Topics include the theoretical construct of person identity, the evolution of that construct given the advent of virtual environments, and methodological approaches to understanding virtual human representation. Prerequisite: consent of instructor.

*1-5 units, Spr (Bailenson)*

**COMM 331G. Communication and Media Ethics**—Limited to Ph.D. students. Advanced topics in press ethics and responsibility. Prerequisite: 231 or consent of instructor.

*1-3 units, Win (Glasser)*

**COMM 336G. Democracy, Justice, and Deliberation**—(Same as 236G; see 236G.)

*1-5 units (Fishkin) not given 2004-05*

**COMM 344. Democracy, Press, and Public Opinion**—Conflicting visions of what a democracy is or might be; different views of the role of the press and citizens in engaging public issues. Focus is on democratic theory with empirical work on public opinion and the role of the media. Topics include campaigns, the effects of new technology, competing strategies of public consultation, public journalism, and possibilities for citizen deliberation. Prerequisite: consent of instructor.

*1-4 units, Spr (Fishkin)*

**COMM 345. Media Entertainment and Journalism: An International Perspective**—(Master's students register for 245.) The role of the media in society; what influences the media; and how the media should be organized and regulated. Evidence and approaches from Europe, Asia, and the U.S.

*1-4 units, Win (Curran)*

**COMM 347. Research in Political Psychology**—Multi-methodological. Public preferences about government policies; the impact of the mass media on public opinion; party identification formation and change; voter decision making; determinants of voter turnout; issue public membership and its effects; measurement of public opinion; and the interface of democratic governments with their constituents.

*2-4 units (Krosnick) not given 2004-05*

**COMM 361. Field Experimentation in Political Communication Research**—The design of large-scale field experiments. Recent developments in analysis of experimental data including matching, propensity scores, and other techniques that address the problem of selection bias. Prerequisite: consent of instructor.

*4 units, Spr (Iyengar)*

**COMM 368. Experimental Research in Advanced User Interfaces**—(Same as 268; see 268.)

*1-5 units, Spr (Nass)*

**COMM 372G. Seminar in Psychological Processing**—Limited to Ph.D. students. Advanced topics. Prerequisite: 272 or consent of instructor.

*1-5 units, Win (Reeves)*

**COMM 380A,B,C,D. Curriculum Practical Training**—Practical experience in the communication industries. Prerequisites: graduate standing in Communication, consent of instructor. Meets requirements for Curricular Practical Training for students on F-1 visas. 380 A,B,C, and D may be taken only once.

*1-5 units, Aut, Win, Spr, Sum (Staff)*

**COMM 397. Complementary Project**—Individual research for Ph.D. candidates.

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

**COMM 398. Major Research Project**—Individual research for Ph.D. candidates.

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

**COMM 399. Advanced Individual Work**

*1-9 units, Aut, Win, Spr, Sum (Staff)*