

CIVIL ENGINEERING

915*. **Earth Structures**
 Fall of odd-numbered years. 3(3-0)
 P: CE 812
 Design of earth dams and embankments; natural and cut slopes; slope stability analysis; embankments on soft foundations; seepage analysis; instrumentation; earth reinforcement.
 QP: CE 817 QA: CE 915

916*. **Soil Dynamics**
 Spring. 3(3-0)
 P: CE 812
 Vibration fundamentals; wave propagation in soil media; dynamic soil properties; theory and design of foundations for vibratory loads; characteristics of ground motion during earthquakes; soil liquefaction, settlement under transient and repeated loads.
 QP: CE 817 QA: CE 916

921*. **Advanced Topics in Groundwater**
 Spring of even-numbered years. 3(3-0)
 P: CE 821
 Topics in the formulation and use of numerical simulation to understand the physics of flow and contaminant transport in complex settings and/or the mechanics of immiscible fluids in porous media.
 QP: CE 821 QA: CE 921

929*. **Selected Topics in Hydraulics**
 Spring of odd-numbered years. 1 to 3 credits. May reenroll for a maximum of 6 credits.
 P: Permission of department
 Selected topics in advanced fluid mechanics and hydraulics related to civil and environmental engineering.

999*. **Doctoral Dissertation Research**
 Fall, Spring, Summer. 1 to 12 credits. May reenroll for a maximum of 0 credits.

Doctoral dissertation research
 QA: CE 999

CLASSICAL STUDIES **CLA**

120*. **English from Latin and Greek Roots**
 Fall of odd-numbered years. 3(3-0)

Prefixes, suffixes, and roots of English vocabulary from Greek and Latin word elements.
 QA: CLA 220

121*. **Medical Terminology**
 Spring of even-numbered years. 3(3-0)

Basic Greek and Latin word elements used in the formation of prefixes, suffixes, and roots.
 QA: CLA 221

300*. **Greek Civilization**
 Fall of even-numbered years. 3(3-0)
 R: Not open to freshmen.

Political, social, religious, and intellectual life of ancient Greece from the Mycenaean period to the death of Alexander the Great, through such authors as Homer, Herodotus, Aeschylus, Euripides, Aristophanes, Thucydides, and Plato.
 QA: CLA 326

310*. **Roman Civilization**
 Spring. 3(3-0)
 R: Not open to freshmen.
 Enduring features of Roman civilization to Justinian. Political institutions, religion, architecture, literary forms, creative arts, and gender roles.
 QA: CLA 327

350*. **Greek and Roman Literature in English Translation**
 Spring of even-numbered years. 3(3-0)
 R: Not open to freshmen.
 Representative works of major Greek and Roman authors.
 QA: CLA 304 CLA 305

400*. **Women in Classical Greek Society**
 Spring of even-numbered years. 3(3-0)
 Interdepartmental with the Department(s) of Women's Studies.
 R: Not open to freshmen and sophomores.
 Images, roles, and statuses of women in Greek society as seen through literary sources.
 QA: CLA 330

410*. **Greek Mythology**
 Spring of even-numbered years. 3(3-0)
 R: Not open to freshmen and sophomores.
 Myths as social discourse defining order in Greek culture, as source of inspiration for poets and thinkers, and as legacy for modern Western culture.
 QA: CLA 319 CLA 320

420*. **Greek and Roman Religions**
 Fall of odd-numbered years. 3(3-0)
 R: Not open to freshmen and sophomores.
 Religious life of the Greeks and Romans. Cults, priesthoods, festivals, rites, and the ecstatic and mystic movements.
 QA: CLA 325

499*. **Senior Thesis**
 Fall, Spring. 3(3-0)
 P: LTN 402. R: Approval of department.
 Scholarly research and writing with a focus on specific problems, under faculty supervision.
 QP: LTN 490

COMMUNICATION ARTS AND SCIENCES **CAS**

492. **Special Topics**
 Fall, Spring, Summer. 1 to 8 credits. May reenroll for a maximum of 16 credits.
 R: Approval of department.
 Varied topics pertaining to the study of communication processes.
 QA: CAS 492

892*. **Special Topics**
 Fall, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 16 credits.
 R: graduate students approval of college
 Varied topics pertaining to advanced study of communication processes.
 QA: CAS 892

992*. **Doctoral Seminar**
 Fall, Spring, Summer. 3(3-0) May reenroll for a maximum of 15 credits.
 R: graduate students permission of instructor
 Rotating topics on theoretical and research issues in Communication and/or Mass Media.
 QA: COM 940

993*. **Research Internship**
 Fall, Spring, Summer. 1(1-0) May reenroll for a maximum of 6 credits.
 R: Mass Media Ph.D. Students (98 curriculum code)
 Research practice on a project with a designated faculty member.
 QA: CAS 990

999*. **Doctoral Dissertation Research**
 Fall, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 99 credits.
 R: students in Mass Media Ph.D. Program (curriculum 98)
 Dissertation research for the Ph.D. program in the Mass Media.
 QA: CAS 999

COMMUNICATION **COM**

100. **Human Communication**
 Fall, Spring, Summer. 3(3-0)
 Process and functions of communication. Principles underlying communication behavior. Practice in analyzing communication situations and in speaking and writing.
 QA: COM 100

200*. **Introduction to Communication Inquiry**
 Fall, Spring, Summer. 4(3-2)
 P: MTH 110 or MTH 116 or designated score on mathematics placement test. <P9

Nature and conduct of communication inquiry. Significant questions about communication and finding systematic answers.
 QP: MTH 108 MTH 110 QA: COM 199

225. **An Introduction to Interpersonal Communication**
 Fall, Spring, Summer. 3(3-0)

Principles and practices of interpersonal communication. Emphasis on effective and responsible interpersonal communication.
 QA: COM 125

240. **Introduction to Organizational Communication**
 Fall, Spring, Summer. 3(3-0)
 Theories, systems, structures and processes of organizational communication. Organizational cultures. Communication in multinational organizations and in individual, leadership, supervisor-subordinate and small group situations.

315*. **Information Gathering and Interviewing Theories**
 Fall. 3(3-0)
 P: COM 200, COM 225. R: Not open to freshmen and sophomores.
 Information gathering as a relational process. Interaction through the asking and answering of questions.
 QP: COM 125 COM 199

325*. **Interpersonal Communication Theory and Research**
 Fall, Spring. 3(3-0)
 P: COM 200, COM 225. R: Not open to freshmen and sophomores. Only open to Communication majors.
 Theories, processes and models of interpersonal communication. Topics include conflict resolution, deception, consensus, and uncertainty reduction in communication.
 QP: COM 125 COM 199

340*. **Dyadic and Group Processes in Organizations**
 Fall, Spring. 3(3-0)
 P: COM 200, COM 240. R: Not open to freshmen and sophomores. Only open to Communication majors.
 Theory and research on dyadic and group relations within organizations. Topics include leadership, motivation, networks, decision making, and organizational taxonomy.
 QP: COM 199

COMMUNICATION

- 375*.** **Audience Response to Mediated Communication**
 Fall, Spring. 3(3-0)
 P: COM 200, TC 275. R: Not open to freshmen and sophomores.
 Theory and research on audience responses to mediated communication including entertainment.
 QP: COM 199 TC 300
- 391*.** **Topics in Verbal or Intercultural Communication**
 Fall, Spring. 4(4-0) May reenroll for a maximum of 8 credits.
 P: COM 200, COM 225. R: Not open to freshmen and sophomores.
 Topics in cultural diversity and verbal interaction.
 QP: COM 199 COM 125
- 399*.** **Special Topics in Communication**
 Fall, Spring. 3(3-0) May reenroll for a maximum of 6 credits.
 P: One 200 level COM course. R: Not open to freshmen and sophomores.
 Contemporary issues in communication.
- 425*.** **Applications of Interpersonal Communication Research**
 Fall, Spring. 4(4-0)
 P: COM 325. R: Open only to senior and graduate student Communication majors.
 In-depth treatment of current research and of theoretical and methodological issues.
- 440*.** **Organizational Communication Structure**
 Fall, Spring. 4(4-0)
 P: COM 340. R: Open only to senior and graduate student Communication majors.
 Systems approaches to information processing and communication structures in organizations.
 QP: COM 315
- 460*.** **Critical Perspectives in Communication**
 Spring. 4(4-0)
 P: COM 200. R: Open only to senior and graduate student Communication majors.
 Evaluation of efficacy of messages. Interdependence of communication and other societal factors, emphasizing criteria for ethical and social appropriateness.
 QP: COM 100 QA: COM 460
- 475*.** **Communication Campaign Design and Analysis**
 Fall, Spring. 4(4-0)
 P: COM 375. R: Open only to senior and graduate student Communication majors.
 Design and analysis of campaigns presented through mediated channels including electronic and print media.
 QP: TC 300 QA: COM 425
- 490*.** **Independent Study**
 Fall, Spring, Summer. 1 to 3 credits.
 May reenroll for a maximum of 3 credits.
 P: One 200 level COM course. R: Not open to freshmen and sophomores. Approval of department; application required.
 Directed study under faculty supervision.
- 493*.** **Internship**
 Fall, Spring, Summer. 1 to 7 credits.
 May reenroll for a maximum of 7 credits.
 R: Open only to Communication majors.
 Approval of department; application required.
 Supervised practical experience in a professional environment.
- 494*.** **Practicum in Communication Research and Instruction**
 Fall, Spring, Summer. 1 to 4 credits.
 May reenroll for a maximum of 6 credits.
 R: Open only to Communication majors.
 Approval of department; application required.
 Structured participation in departmental research teams and applied practice in the community.
- 800*.** **Communication Programs and Evaluation**
 Fall. 3(3-0)
 R: graduate students
 Overview of communication change strategies and their evaluation.
 QA: COM 870 COM 840
- 801*.** **Communication Research I**
 Fall. 4(4-0)
 R: graduate students
 Communication research strategy and methodology, scientific process, bases for derivation and test of hypotheses, and basic methods for designing research in communication.
 QA: COM 804 COM 805
- 802*.** **Communication Research II**
 Spring. 4(4-0)
 P: COM 801 R: graduate students
 Continuation of COM 801.
 QP: COM 804 COM 805 QA: COM 805 COM 806
- 815*.** **Organizational Communication I**
 Fall. 3(3-0)
 R: graduate students
 Organizational communication with an emphasis on dyadic and group processes and organizational intervention strategies.
 QA: COM 815 COM 840
- 820*.** **Communication Theory and Process**
 Fall. 3(3-0)
 R: graduate students
 Theoretical models of communication with emphasis on the applications of communication theory to various professional communication areas.
 QA: COM 820
- 828*.** **Cross-Cultural Communication**
 Spring. 3(3-0)
 R: graduate students
 Role of communication in the economic, social, and political development of less developed countries. Problems in communicating across cultural boundaries.
 QA: COM 828
- 855*.** **Codes and Code Systems**
 Spring. 4(4-0)
 R: graduate students
 Structure and function of verbal and nonverbal communication. Emphasis on the relationship between discourse and context, and how meaning is generated through interaction.
 QA: COM 830 COM 880
- 860*.** **Persuasion**
 Fall. 3(3-0)
 R: graduate students
 Use of messages to gain compliance and effect social change. Study of persuasion and attitude change from classical theories to contemporary situations.
 QA: COM 860
- 890*.** **Special Problems**
 Fall, Spring, Summer. 1 to 4 credits.
 May reenroll for a maximum of 9 credits.
 R: graduate students
 Special problems as arranged with instructor.
 QA: COM 890
- 893*.** **Internship/Practicum**
 Fall, Spring, Summer. 1 to 6 credits.
 May reenroll for a maximum of 6 credits.
 R: graduate students communication
 Communication strategy project.
 QA: COM 895
- 899*.** **Master's Thesis Research**
 Fall, Spring, Summer. 1 to 6 credits.
 May reenroll for a maximum of 14 credits.
 R: graduate students only communication
 Faculty supervised research performed by Master's candidates.
 QA: COM 899
- 901*.** **Communication Research Design I**
 Fall. 4(4-0)
 R: graduate students only
 Methods of data collection and analysis in Communication research. Writing and critiquing research reports.
 QA: COM 905A COM 905B
- 902*.** **Communication Research Design II**
 Spring. 4(4-0)
 P: COM 901 R: graduate students
 Methods of data collection and analysis in communication research. Writing and critiquing research reports. Continuation of COM 901.
 QP: COM 905A QA: COM 905B COM 905C
- 915*.** **Advanced Seminar in Organizational Communication**
 Spring. 3(3-0)
 P: COM 815, COM 800 or 902 R: graduate students
 Systemic approaches to organizational research such as organizational communication structure, information processing, technologies, and the organizations embeddedness in a larger social environment.
 QP: COM 905ACOM 905BCOM 905CCOM 840COM 870 QA: COM 815 COM 840 COM 870
- 921*.** **Micro and Macro Media**
 Spring. 3(3-0)
 P: COM 800 or COM 902 R: graduate students
 In-depth analysis of micro-level and macro-level perspectives on media processes pertaining to individuals, groups, and systems.
 QP: COM 905ACOM 905BCOM 905CCOM 840COM 870 QA: COM 822 COM 860
- 922*.** **Interpersonal Communication**
 Fall. 3(3-0)
 P: COM 800 or COM 902 R: graduate students
 Contemporary theory and research in interpersonal communication. Considers the role of communication in processes such as interpersonal influence and relationship development.
 QP: COM 905ACOM 905BCOM 905CCOM 840COM 870 QA: COM 822 COM 840
- 990*.** **Special Problems**
 Fall, Spring, Summer. 1 to 3 credits.
 May reenroll for a maximum of 6 credits.
 R: graduate students communication
 Research practice in association with a designated faculty member.
 QA: COM 990
- 999*.** **Doctoral Dissertation Research**
 Fall, Spring, Summer. 1 to 24 credits.
 May reenroll for a maximum of 99 credits.
 R: class 7 only communication
 Dissertation Research for the doctoral program in Communication.
 QA: COM 999