CIVIL ENGINEERING

915*. Earth Structures
Fall of odd-numbered years. 3(3-0)
P: CE 912
Design of earth dams and embankments; natural and cut slopes; slope stability analysis; embankments on soft foundations; seepage analysis; instrumentation; earth reinforcement.
QP: CE 917 QA: CE 915

916*. Soil Dynamics
Spring. 3(3-0)
P: CE 912
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 917 QA: CE 916

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

999*. 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.
QP: CE 999 QA: CE 999

999*. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 12 credits. May reenroll for a maximum of 9 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

211*. 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 300

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 310

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
QP: CLA 304 CLA 305

400*. Women in Classical Greek Society
Spring of even-numbered years. 3(3-0)
Interdepartmental with the Department of Women's Studies.
R: Not open to freshmen and sophomores.
Images, roles, and status of women in Greek society as seen through literary sources.
QA: CLA 390

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 sources of inspiration for poets and thinkers, and as legacy for modern Western culture.
QA: CLA 390

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, priesthood, festivals, rites, and the ecstatic and mystic movements.
QA: CLA 395

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 499

COMMUNICATION AND SCIENCES

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

492?. Special Topics
Fall, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 16 credits.
R: Graduate students approval of department.
Projects on advanced study of communication processes.
QA: CAS 492

492?. 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.
QP: COM 940

493*. 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 490

999*. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 9 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

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

290*. Introduction to Communication Inquiry
Fall, Spring, Summer. 4(3-2)
P: MTH 110 or MTH 116 or designated score on mathematics placement test. 499
Nature and conduct of communication inquiry. Significant questions about communication and finding systematic answers.
QP: MTH 110 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 Interpreting 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. 3(3-0)
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. 3(3-0)
Theory and research on dyadic and group relations within organizations. Topics include leadership, motivation, networks, decision making, and organizational taxonomy.
QP: COM 199