

871. History and Theory in Ecological-Community Psychology
Fall, 3(3-0)
P: PSY 815 or concurrently. R: Open only to graduate students in Psychology.
Theoretical perspectives, contemporary problems, philosophies of science, and ethical issues facing the ecological psychologist.
QP: PSY 870A QA: PSY 873A

872. Field Research in Psychology
Spring, 3(2-2)
P: PSY 815. R: Open only to graduate students in Psychology.
Unobtrusive, observational, and interview measures. Policy analysis, proposal preparation, and research design.
QP: PSY 815 QA: PSY 873B, PSY 873C

873. Community Interventions
Spring, 3(2-2)
P: PSY 815, PSY 870, PSY 871. R: Open only to graduate students in Psychology.
Entry and operational issues in community interventions and research. Group dynamics, community politics, intervention integrity.
QP: PSY 815, PSY 870A, PSY 873A QA: PSY 876A, PSY 876B

890. Special Problems in Psychology
Fall, Spring, Summer, 1 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course.
R: Open only to graduate students in Psychology.
Supervised student research on an experimental, theoretical, or applied problem.
QA: PSY 890

899. Master's Thesis Research
Fall, Spring, Summer, 1 to 8 credits. A student may earn a maximum of 25 credits in all enrollments for this course.
R: Open only to graduate students in Psychology.
QA: PSY 899

926. Scientific and Professional Ethics
Fall of odd-numbered years, 3(3-0)
R: Open only to graduate students in Psychology.
Ethical issues in human and animal research. Ethical decisions involving issues of gender, ethnicity, and cultural diversity in psychological practice.

950. Dynamic and Systems Approaches to Child and Family Interventions
Fall, 3(3-0)
P: PSY 854 or approval of department. R: Open only to graduate students in Psychology, Marriage and Family Therapy, and Counseling Psychology.
Intervention approaches with children, families and couples. Psychodynamic, experiential, and family systems perspectives. Empirical basis for interventions.
QP: PSY 850B, PSY 850C QA: PSY 950A

951. Cognitive/Behavioral Approaches to Child and Family Interventions
Spring of odd-numbered years, 3(3-0)
P: PSY 950.
Behavioral and cognitive-behavioral psychotherapy. Interventions with couples, families, and children.
QP: PSY 850C, PSY 950A QA: PSY 950B

961. Training and Organizational Development
Spring of even-numbered years, 3(3-0)
P: PSY 860. R: Open only to graduate students in Psychology.
Theory and research on identification, development, and evaluation of training activities in organizations. Analysis of organizational functioning and change.
QP: PSY 860 QA: PSY 961

962. Work Motivation and Job Satisfaction
Fall of odd-numbered years, 3(3-0)
P: PSY 860. R: Open only to graduate students in Psychology.
General theories of human motivation, attitudes, and affect. Specific theories of work motivation and job satisfaction.
QP: PSY 860 QA: PSY 962

970. Advanced Topics in Ecological and Community Psychology
Fall, Spring, 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
R: Open only to graduate students in Psychology.
Contemporary ecological and community psychology issues. Program evaluation, systems analysis. Empowerment, social support, and homelessness.
QA: PSY 970

992. Seminar in Psychology
Fall, Spring, 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course.
R: Open only to graduate students in Psychology.
Theoretical and research topics in psychology.
QA: PSY 914, PSY 924, PSY 934, PSY 954, PSY 969, PSY 970, PSY 985

994. Practicum
Fall, Spring, 1 to 3 credits. A student may earn a maximum of 14 credits in all enrollments for this course.
R: Open only to graduate students in Psychology or Psychology-Urban Studies.
Clinical assessment, consultation, and psychotherapy. Supervised experience in assessment, consultation, and psychotherapy with adults, families, and children. Didactic seminar in related theory and research.
QA: PSY 975, PSY 980, PSY 981, PSY 982, PSY 928, PSY 930, PSY 932

999. Doctoral Dissertation Research
Fall, Spring, Summer, 1 to 24 credits. A student may earn a maximum of 50 credits in all enrollments for this course.
R: Open only to doctoral students in Psychology or Psychology-Urban Studies.
QA: PSY 999

**PUBLIC AFFAIRS
MANAGEMENT PRM**

**Department of Agricultural Economics
College of Agriculture and Natural Resources**

201. Community Economics
Fall, Spring, 3(3-0)
Policy analysis of state and local government revenues, services, and private business regulation. Impact on resource use, economic development, income distribution and human values.
QA: PAM 201

260. World Food, Population and Poverty
Spring, 3(3-0)
Description and analysis of world food, population and poverty problems. Interrelationships between developed and developing countries.
QA: PAM 260

320. Public Policy Analysis Methods
Fall, 3(3-0)
P: EC 201, PRM 201.
Analytical methods for evaluating the economics of public policies. Conceptual and theoretical approaches to selected policy problems including political and legal aspects.
QP: EC 201, PAM 201 QA: PAM 320, PAM 321

404. Public Program Evaluation
Spring, 3(3-0)
P: PAM 320; STT 200 or STT 201 or STT 315. R: Not open to freshmen and sophomores.
Design and use of program evaluations in public resource management. Impact and multiple outcome analysis. Substantive and statistical significance.
QP: STT 201, PAM 320 QA: PAM 404

453. Women and Work: Issues and Policy Analysis
Spring, 3(3-0) Interdepartmental with Economics and Women's Studies.
P: EC 201 or EC 202 or PRM 201 or concurrently. R: Not open to freshmen and sophomores.
Current and past quantity and quality of women's participation in the labor force. Gender differentials in earnings, and occupations. Employment discrimination. Laws, especially affirmative action laws. Social policy effects. International issues.
QP: EC 201 or EC 202 or PAM 201 QA: PAM 453

462. Agricultural Development in Less Developed Countries
Fall, 3(3-0)
P: EC 201. R: Not open to freshmen and sophomores.
Factors responsible for agricultural growth, as well as technical and institutional change. Sustainable strategies for increasing food production and rural incomes.
QP: EC 201 QA: FSM 462

490. Independent and Supervised Study
Fall, Spring, Summer, 1 to 6 credits. A student may earn a maximum of 7 credits in all enrollments for this course.
P: PRM 201, PRM 320. R: Open only to Public Resource Management majors. Approval of department; application required.
In-depth independent study of topics affecting public resource management. Complimentary with previous coursework, adapted to career aspirations.
QP: PAM 201, PAM 320 QA: PAM 480

RADIOLOGY RAD

**Department of Radiology
College of Human Medicine
College of Osteopathic Medicine**

553. Introduction to Radiology
Summer, 1(1-0)
R: Graduate-professional students in colleges of Human and Osteopathic Medicine or approval of department.
Principles of medical diagnostic radiology; means of generating diagnostic images, and anatomical and physiological changes that result in such images.

590. Independent Study
Fall, Spring, Summer, 1 to 3 credits.
R: Approval of department.
Special aspects of radiology. Imaging as a diagnostic tool in patient management.
QA: RAD 590

609. Radiology Clerkship
Fall, Spring, Summer, 4 to 8 credits. A student may earn a maximum of 32 credits in all enrollments for this course.
R: Completion of two years of graduate-professional program in College of Human Medicine or College of Osteopathic Medicine.
Diagnostic imaging consultation. Participation in image interpretation and observation in hospital or out-patient radiology setting.
QA: RAD 609

RELIGIOUS STUDIES REL

**Department of Religious Studies
College of Arts and Letters**

290. Independent Study
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
R: Approval of department.
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
QA: REL 295

**Descriptions—Religious Studies
of
Courses**

310. Judaism
Fall. 3(3-0)

R: Not open to freshmen.
Jewish life, thought, and institutions. Jewish calendar. Second Temple and Rabbinic periods. Talmud and Midrash. Jewish life in Europe and America. Hasidic, Reform, Orthodox, and Conservative movements. Anti-Semitism, Zionism, and the Holocaust.
Current
QA: REL 331, REL 332

320. Christianity

Spring of odd-numbered years. 3(3-0)

R: Not open to freshmen.
Origins and historical development of Christianity. Rituals, institutional forms (Eastern Orthodox, Catholic, Protestant). Monastic and mendicant movements. Major doctrines and their development. Contemporary status and role.
QA: REL 310, REL 318

330. Islam

Spring. 3(3-0)

R: Not open to freshmen.
Islam from the time of Muhammad to the present. Pre-modern developments: life of Muhammad. Qur'an, Hadith, Islamic law. Sunnis, Shiites, sects and their rituals. Unity and diversity. Modern movements and trends.
QA: REL 335

340. Hinduism

Fall. 3(3-0)

R: Not open to freshmen.
Historical, philosophical and doctrinal development. Vedic Sacrifice, Upanishads, devotional Vashnavism, Yoga and meditation, Tantric and medieval forms, ritual and temple forms. Modern syncretism and interaction with Western worldviews.
QA: REL 340

350. Buddhism in South Asia

Spring. 3(3-0)

R: Not open to freshmen.
Early origins of Buddhism. Life of the Buddha. Formulation of the Samgha. Pali canon. Three turnings of the Wheel of the Law. Monastic developments vs lay Buddhism. Buddhist meditation practices.
QA: REL 341

404. Religion and Society in Ancient Near Eastern Civilization

Spring of odd-numbered years. 3(3-0)

R: Not open to freshmen and sophomores.
Role of religious phenomena in the conceptual and practical function of ancient Near Eastern societies. Art, philosophy, government, technology and values.

410. Hebrew Bible

Fall. 3(3-0)

R: Not open to freshmen and sophomores.
The historical setting and types and meaning of the text of the Hebrew Bible (Christian Old Testament) explored through various techniques of historical, literary, and textual analysis.
QA: REL 220, REL 221

411. Modern Jewish Thought

Fall of odd-numbered years. 3(3-0)

P: REL 310 or approval of department. R: Not open to freshmen and sophomores.
Representative Jewish thought from the Enlightenment to the present. Authors such as Moses Mendelssohn, Abraham Geiger, Leo Pinsker, Hermann Cohen, Franz Rosenzweig, Ahad Ha-Am, Martin Buber, Mordecai Kaplan, A. I. Heschel, and Emil Fackenheim.

418. Studies in Ancient Near Eastern Religions (MTC)

Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course.

R: Not open to freshmen and sophomores.
Interdisciplinary study of specific topics in the religious thought of the Near East and Mediterranean between 3000 BCE and 700 CE.

420. New Testament

Spring. 3(3-0)

R: Not open to freshmen and sophomores.
The historical setting and types and meaning of the text of the New Testament explored through various techniques of historical, literary, and textual analysis.
QA: REL 222

431. Muhammad and the Qur'an

Spring of even-numbered years. 3(3-0)

P: REL 330 or approval of department. R: Not open to freshmen and sophomores.
Life and contributions of the Prophet Muhammad. The Qur'an as a historical source. Origin, compilation, contents, and arrangements of the Qur'an. Forms of the Qur'an: recitation, scripture, calligraphy, theological concept.
QA: REL 338

440. Topics in South Asian Religions (MTC)

Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Not open to freshmen and sophomores.
Topics such as Hindu tantric mysticism or Buddhist philosophical schools.

480. Comparative Studies in Religion (MTC)

Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

R: Not open to freshmen and sophomores.
Multidisciplinary topics such as patterns in comparative religion, comparative mysticism, or comparative mythology.

490. Independent Study

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
QA: REL 495

491. Special Topics in Religious Studies

Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.
Special topics supplementing regular course offerings, proposed by faculty on a group study basis.

499. Senior Thesis Research

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.
Individual research project supervised by a faculty member that demonstrates the student's ability to do independent research and submit or present a major paper.

890. Independent Study

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.
Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.
QA: REL 801

**RESOURCE
DEVELOPMENT**

RD

**Department of Resource
Development
College of Agriculture and Natural
Resources**

**201. Environmental and Natural
Resources**

Fall, Spring. 3(3-0)

Physical, economic, and institutional aspects of natural resource and environmental policy. US doctrines for land, water, mineral, and environmental resource management.
QA: RD 301

310. Environmental Communication

Fall. 3(3-0) Interdepartmental with Agricultural and Extension Education.

P: RD 201, ZOL 250. R: Not open to freshmen and sophomores.
Environmental risk communications. Conflict resolution. Mitigation and public forum management.
QP: RD 301

320. Resource Management and Planning

Fall. 3(3-0)

P: RD 201, ZOL 250. R: Not open to freshmen and sophomores.
Concepts, principles, and objectives of management and planning. Population dynamics, resource demand, and impact and suitability assessment for sustainable development.
QP: RD 301, ZOL 389 QA: RD 425

324. Water Resource Development

Spring. 3(3-0)

P: RD 320, GEO 106. R: Not open to freshmen.
Interface between the hydrologic cycle and human factors, and resulting environmental consequences. Economic, administrative, policy, and political factors.
QP: RD 301, GEO 206, GEO 206L, EC 201 or EC 202 QA: RD 420

326. Introduction to Waste Management

Fall. 3(3-0)

P: RD 201, RD 320. R: Not open to freshmen.
Waste management definitions, techniques, technologies, and strategies. Integrative approach to waste management as an environmental, social and political subject.
QP: RD 301, MTH 110 or MTH 111 QA: RD 429

336. State Environmental Law

Spring. 3(3-0)

P: RD 201, RD 320. R: Not open to freshmen and sophomores.
State-level legal and regulatory management of environmental issues. Environmental site assessment and auditing. Regulatory compliance. Permit process. Right-to-know. Land and water use regulation.
QP: RD 301 QA: RD 429

**374. Leadership Skills for Resource
Development Practice**

Fall. 3(3-0)

P: RD 201. R: Not open to freshmen and sophomores.
Concepts and techniques for resource development practitioners.
QP: RD 301

415. Introduction to Impact Assessment

Fall. 4(3-2)

P: STT 200, ZOL 250. R: Open only to seniors and graduate students.
Environmental, social, and economic impact assessment. Risk analysis, technology assessment, project management, and data collection and use.
QP: STT 201

426. Waste Management Planning

Fall. 3(2-2)

P: RD 201, RD 326. R: Not open to freshmen and sophomores.
Assessment of procedures and techniques. Alternative solutions are explored through simulation. Technological and public policy issues explored by using a computer model. Design of implementation strategies.
QP: RD 301 QA: RD 429

430. Law and Resources

Fall. 3(3-0) Interdepartmental with Public Resource Management and Forestry.

P: RD 201; EC 201 or GBL 395. R: Not open to freshmen and sophomores.
Legal principles applied to natural resource use. Sovereignty, property rights, land and water use, jurisdiction, public trust doctrine, fish and game law, mineral rights, and eminent domain. Case and statutory law analysis.
QP: EC 201 or GBL 341 or GBL 431 or GBL 450
QA: RD 435

433. Law and Social Change

Spring. 3(3-0) Interdepartmental with Sociology and Public Resource Management.

P: GBL 395. R: Not open to freshmen.
Function of law in a modern society. Concepts of power, public regulation, civil rights, and property rights. Limits on freedom.
QP: GBL 430 or EC 201 QA: RD 431