

**914. Seminar in Advanced General Psychology**

Fall, Winter, Spring. 1 to 4 credits.  
May re-enroll in different areas for a maximum of 24 credits. Thirty graduate credits in psychology or approval of department.

Critical study of a selected area such as sensation, perception, motivation, emotions, learning, physiological, comparative, thought and language.

**924. Seminar in Measurement**

Fall, Winter, Spring. 1 to 4 credits.  
May re-enroll in different areas for a maximum of 16 credits. Thirty graduate credits with 15 of them in psychology.

Critical study of a selected area such as factor analysis, pattern analysis, partial and multiple correlational analysis, psychophysical methods, scaling, reliability and validity, and factorial designs.

**926. Personality Measurement I: Free Response Techniques**

Fall. 4(3-1) Thirty graduate credits in psychology, including 815 and 826.

Development, validation, and other characteristics of selected free response measures; use in current personality research.

**927. Personality Measurement II: Structured Measures and Measures of Overt Behavior**

Spring. 4(3-1) Thirty graduate credits in psychology, including 815 and 826.

Structured questionnaires and behavioral measures as tools in personality research. Development and characteristics of existing and new instruments.

**928. Practicum: Psychological Clinic I**

Fall. 3(2-2) Approval of department.

Introduction to clinical evaluation and treatment. Supervised experience in psychodiagnosis and psychotherapy of adults and children in the Psychological Clinic. Primary focus on work with families. Didactic seminar in related theory and research.

**930. Practicum: Psychological Clinic II**

Winter. 3(2-2) 928.

Continuation of 928.

**932. Practicum: Psychological Clinic III**

Spring. 3(0-6) 930.

Continuation of 930.

**934. Seminar in Personality**

Fall, Winter, Spring. 1 to 4 credits.  
May re-enroll in different areas for a maximum of 16 credits. Thirty graduate credits with 15 of them in psychology.

Clinical study of a selected area such as theory, assessments, dynamics, structure, the self and determinants.

**935. Contemporary Theory and Research in Social Psychology**

Fall. 3(2-0) Thirty graduate credits in psychology.

An intensive analysis of contemporary social psychological research monographs illustrating theoretical and methodological positions.

**936. Attitudes and Personality**

Winter. 3(2-0) Thirty graduate credits.

Review and analysis of research on sentiments, beliefs and opinions, authoritarianism, pseudo-

authoritarianism, and democratic personality; functions, resistance to change and relation to value systems and ideology.

**937. Individual Behavior and Complex Groups**

Spring. 3(2-0) Thirty graduate credits.

Problems of research design and experimental method in the study of the relationship of the individual to the complex organization.

**944. Seminar in Social Psychology**

Fall, Winter, Spring. 1 to 4 credits.  
May re-enroll in different areas for a maximum of 16 credits. Thirty graduate credits or approval of department.

Critical study of a selected area such as roles, communication and persuasion, individual interaction within small and large groups, behavior in relation to norms and interpersonal distances.

**954. Seminar in Developmental Psychology**

Fall, Winter, Spring. 1 to 4 credits.  
May re-enroll for a maximum of 16 credits in different areas. Thirty graduate credits, 3 of which must be in child psychology.

Critical study of a selected area such as theory, techniques and methods of observation, parental attitudes and practices, intellectual, personal and social development, motivational, emotional, perceptual, and intellectual issues.

**956. Engineering Psychology: Systems Approach**

Spring. 4(2-0)

Human factors in "system" operation; sub-systems, analysis methods, criteria, information processing, communication, trade-offs; application to aerospace, military, highway, industrial, and other problems.

**969. Seminar in Industrial Psychology**

Fall, Winter, Spring. 1 to 4 credits.  
May re-enroll in different areas for a maximum of 16 credits. Thirty graduate credits including 15 in psychology.

Critical study of a selected area such as interpersonal relations in industry, personnel selection, evaluation and classification, training, leadership, supervision, motivation of workers, safety engineering psychology and contemporary literature.

**973. Rorschach Method**

Winter. 4(4-0) 832.

History and hypotheses of the method. Review of research. Administration and scoring of the test. Introduction to interpretation.

**975. Advanced Practicum: Psychological Clinic**

Fall, Winter, Spring. Variable credit. 932.

Clinical experience in assuming responsibility for total case integration and interpretation of findings to parents and agencies.

**976. Psychopathology: Psychoanalytic Theory, Neuroses and Psychosomatics**

Fall. 3(3-0) 427, 832.

Kraepelinian, Pavlovian, and Freudian traditions in abnormal psychology and psychiatry. Psychoneuroses and psychosomatics with major emphasis in psychoanalytic approaches. Research and problems. Psychogenic and somatogenic positions in psychopathology.

**977. Psychopathology: Psychoses and Developmental Disorders**

Winter. 3(3-0) 976.

Behavioral and development disorders such as

psychopathy, delinquency, mental deficiencies; selected functional and organic psychotic syndromes; psychosis as distinguished from psychoneurosis; continuity versus discontinuity of normal to abnormal behavior. Research considerations.

**979. Counseling and Psychotherapy**

Fall. 3(2-2) Approval of department.

Psychotherapy with late adolescents and adults. Various points of view with emphasis on interpersonal relationship and client-centered approaches. Techniques for introducing therapeutic movement. Study of tape recordings and research findings.

**980. Practicum: Individual Counseling and Psychotherapy**

Winter. 3(2-2) 979 and approval of department.

Detailed study of psychotherapeutic interviews aimed at developing skill as a psychotherapist. Therapeutic and assessment techniques, interview dynamics and psychotherapeutic movement studied by means of verbatim transcriptions, tape recordings, films, role playing, and observation.

**981. Practicum: Counseling and Psychotherapy**

Spring. 3(0-6) 980 and approval of department.

Counseling with a variety of clients at the University Counseling Center. Group and individual discussions of problems, processes, counselor-client interaction, and professional ethics.

**982. Advanced Practicum: Counseling and Psychotherapy**

Fall, Winter, Spring. Variable credit.

981.  
Counseling and psychotherapy with a variety of clients of the University Counseling Center.

**983. Child Psychotherapy**

Fall. 2 to 4 credits. 981.

Dynamic process underlying therapy with children; methods and techniques; the child's symbolic communications through language, art, and play materials; assessing progress of therapy; review of research. Practicum cases.

**984. Group Psychotherapy**

Spring. 3(2-2) 981.

Research-oriented treatment of the theories, principles and techniques in group psychotherapy. Role of the leader, problems of member selection and evaluation of progress. Limited, supervised experience as a group participant.

**985. Seminar in Clinical Psychology**

Fall, Winter, Spring. 1 to 4 credits.  
May re-enroll in different areas for a maximum of 16 credits. Forty-five graduate credits in psychology.

Critical study of a selected area such as theories, diagnosis, projective techniques, psychotherapies, hypnosis, psychopathologies.

**999. Research**

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

**RELIGION**

**REL**

**College of Arts and Letters**

**100. Introduction to Christianity**

Fall, Winter, Spring. 3(3-0)

An introduction to the study of religion through a nonnormative systematic description of the

principle doctrines of the Christian Religion: Protestant, Anglican, Orthodox, and Roman Catholic.

**201. Comparative Religion**  
Fall, Winter, Spring. 3(3-0)

An introduction to essential ideas of the nature of man, the universe, existence, and ultimate reality found in the great World Religions.

**220. Old Testament**  
Fall. 3(3-0)

A study of the history, literature and religion of Israel based on a critical examination of the Biblical texts.

**221. Old Testament**  
Winter. 3(3-0)

A continuation of 220.

**222. New Testament**  
Spring. 3(3-0)

A study and analysis of the texts of the New Testament in light of their historical setting.

**300. Life of Christ**  
Fall. 3(3-0)

The life of Christ as recorded in the Gospels in light of Christian tradition and ancient and modern scholarship.

**302. Writings of St. Paul**  
Fall. 3(3-0)

Analysis of the major Pauline letters together with the Book of Acts in the light of their significance for the early Church and for contemporary Christianity.

**315. Eastern Christianity**  
Spring. 3(3-0) Juniors.

Origins, faith and practice of the Orthodox Church in Russia and Eastern Europe, with attention to the history, beliefs and rites of the Coptic, Armenian, Ethiopian, and other Monophysite and Nestorian Churches and Uniate movement.

**330. Judaic Studies**  
Spring. 3(3-0)

Historical survey of Judaism and contemporary Jewish theologians.

**345. Religions of China**  
Spring of odd-numbered years. 3(3-0) Juniors.

Confucianism, Taoism, Chinese Buddhism, and minor religious communities. Origins and historical development, interactions and current status and trends.

**346. Religions of Japan**  
Spring of even-numbered years 3(3-0) Juniors.

Shinto, Japanese Buddhism, Ryobu, Zen, the "New Religions." Origins, historical development, inter-reactions, current status and trends.

**400H. Honors Seminar**  
Fall, Winter, Spring. 3(3-0) Approval of department.

**401. Christian Ethics and Society**  
Winter. 4(4-0) Juniors.

The Biblical and theological basis for social action will be examined, also such areas of contemporary discussion as relation of love to justice, individual ethic to social ethic, situation to principle, the social order.

**404. Christian Thought: Early and Eastern**  
Fall. 3(3-0) Juniors.

Development of Christology and the institutional Church, especially in the east from the first to the eleventh century. Gnosticism, Docetism, the Ecumenical Councils and major theologians studied from primary and secondary sources.

**405. Christian Thought: Tertullian to Erasmus**  
Winter. 3(3-0) Juniors.

A study of representative western theologians from the North African to pre-reformation figures. Development of the papacy, scholasticism, medieval symbolism, and ecclesiastical movements in the western church. Historical roots of modern Christian doctrines.

**410. Religion in American Culture**  
Spring. 3(3-0) Juniors.

Development of religion in America from Puritan New England to modern pluralism; general analysis of religion and culture; contemporary issues of church and state relationships in American society.

**430. Religious Dimensions in Literature**  
Spring. 3(3-0) Juniors.

Theological criticism in literature and literary works as reflections of Christian thought from ancient to modern times. Specific works studied will vary from term to term.

**441. Hinduism**  
Fall. 3(3-0) Juniors.

The roots of Hinduism in Vedic tradition and Dravidian religion and the historical development of Hinduism. Hindu beliefs, rituals, practices, philosophical systems, spiritual paths, sects, and caste system. Role of Hinduism in Indian society.

**442. Buddhism**  
Winter. 3(3-0) Juniors.

Origin, development, types, and expansion of Buddhism. Beliefs and moral principles; the problem of life and the nature of existence; interpretation of freedom; explanation of the relation of being, thought, and action. Buddhist renaissance today.

**443. Islam**  
Winter. 3(3-0) Juniors.

The life and environment of Muhammad; analysis of the Qur'an; basic Islamic law, beliefs, schools of thought, and movements; history and expansion; unity and variety in Muslim civilizations; modern trends.

**452. The Protestant Reformation**  
Winter. 4(4-0) Juniors.

The theological background of the Continental Reformation. Varied patterns of twentieth century theological currents and their off-shoots: Lutheranism, Calvinism, Anabaptists and other radical schools of thought.

**453. The Protestant Reformation**  
Spring. 3(3-0) Juniors.

Reformation in England: medieval origins, feudal and early national problems of church and state; the *Via Media*; development of Anglican thought and practice from seventeenth century to the Catholic Revival; modern Anglicanism.

**458. Contemporary Theology**  
(440.) Winter. 3(3-0) Juniors.

Systematic study of contemporary theological issues and theologians: Barth, Tillich, Neibuhr, Bonhoeffer.

**459. Contemporary Theology**  
Spring. 3(3-0) Juniors.

Systematic study of contemporary theological issues and theologians: Rahner, Congar, Kung, de Lubac.

**495. Individual Readings**  
Fall, Winter, Spring. 3 credits.  
May re-enroll for a maximum of 6 credits if different topic is taken. Written approval of instructor and department.

Enrollment limited to superior upper class students with preference given to majors and to students with at least nine credits in religion or other appropriate preparation.

**801. Graduate Studies in Religion**  
Fall, Winter, Spring. 3(3-0) Approval of department.

Readings on pre-announced topics, individual and group conferences as scheduled, preparation and presentation of research papers.

**840. Asian Religion**  
Spring. 3(3-0) May re-enroll for a maximum of 6 credits if different topic is taken. Approval of department.

Study in depth of an Asian religion. Specific topics will vary from year to year.

RESOURCE DEVELOPMENT R D  
College of Agriculture and Natural Resources

**200. Resource Ecology and Man**  
For course description, see Interdisciplinary Courses.

**202. Soils and Man's Environment**  
Winter. 3(3-0) Interdepartmental with Fisheries and Wildlife, Department Natural Resources and Soil Science and administered by Soil Science.

Use of soil-water resources in a technological society as it relates to environmental quality. Nature of pollution problems and their possible solutions. Food production and world population.

**301. Conservation of Natural Resources**  
Fall, Winter, Spring, Summer. 3(3-0)

Development of conservation movement with broad treatment of basic natural resources (minerals, land, waters, forests, wildlife). Conservation practices and facilities, organizations, and agencies involved in their application. General introduction to field.

**401. Production Economics and Management**  
(AEC 401.) Fall. Summer of even-numbered years. 4(4-0) FSM 340 or approval of department. Interdepartmental with Food Systems Economics and Management and Public Affairs Management.

Economic principles of production. Industry supply and factor demand analysis. Management concepts and choice criteria. Interrelationships of production and consumption decisions. Welfare economics. Examples drawn from agriculture.