Psychology (830)

Professors:

Associate Professors:

Assistant Professors:
J. W. Erickson, Ph.D. Tennessee; D. S. Freeman, Ph.D. Tennessee; S. R. Friedlander, Ph.D. Georgia State.

*Honorary
**Alumni Distinguished Service Professor

UNDERGRADUATE

B.A. Major: (Concentration in General Psychology) Designed to give students a broad and current background in the science and application of psychological methods and principles. Psychology 2500 and two courses from 2520-30-40 or 2518-28 are prerequisite to a major consisting of Psychology 3150, at least 4 honors hours, 4 field, or practicum courses, and 32 or more hours of upper-division psychology courses.

(Concentration in Academic Psychology) Designed to prepare students for advanced work in the scientific, professional, and college-level teaching areas of psychology. Prerequisites to the major include Psychology 2518-28 (or 2500 together with 2 courses from 2520-30-40) Mathematics 1450-50-60 or 1840-50-60, and Biology 1210-20-30. The major consists of Psychology 3150, 8 hours of laboratory, field, or practicum courses (including 3319), and 28 or more hours of upper-division courses of which 12 hours must be in courses at the 4000 level.

Minor: A minor in psychology shall consist of Psychology 2500 and 20 additional hours from 3000- and 4000-level courses.

2500 General Psychology (4) An introduction to psychology, with emphasis on the development, methods, and contributions of the major movements and ideas which define contemporary psychology.

2518-28 Honors: General Psychology (334) First quarter an enriched survey of general psychology. Second quarter participation is psychological research, either individually or group arranged. Prereq for 2518: Minimum ACT Composite 25; GPA 3.2. Prereq for 2528: Admission by consent of department. 2518-F; 2528-W.

2520 Biological Foundations of Behavior (3) Survey of theories and research pertaining to the biological foundations of behavior. Psychology 2500 recommended.

2530 Psychology as a Social Science (3) Introduction to individual and group behavior as a social context. Psychology 2500 recommended.

2540 Psychological of the Individual (3) Study of individuals, their behavior, and the progressive changes in behavior that occur in natural environments; introduction to developmental and abnormal psychology. Psychology 2500 recommended.

3120 Social Psychology (3) General survey of theories, methods, and research findings on individual behavior in a social context. Prereq: 2500.

3129 Social Psychology Laboratory (2) Prereq: 3120; recommended prerequisite: 3319.

3140 Environmental Psychology (3) Influence of physical surroundings on individual experience, interpersonal relations, and social systems. Includes such topics as noise, temperature, crowding, air pollution, urban settings. Prereq: 2500 or equivalent recommended.

3150 Psychological Statistics (4) Introduction to basic statistical methods used in behavioral sciences. Not open to students with credit in Statistics 2100, Mathematics 3300, Sociology 3920, or equivalent. Prereq: 2 years of high school algebra or one course in college algebra.

3210 Learning and Thinking (3) Study of theoretical and empirical basis of learning and thinking. Prereq: 2500.

3218 Laboratory in Learning and Thinking (2) Prereq: 3210; recommended prerequisite: 3319.


3240 Psychology of Music (3) Introduction to psychological study of musical sounds and instruments; theories of rhythm, melody, and their relation to the psychology of spoken language. Prereq: 2520.

3319 Introduction to Research in Psychology (3) Basic techniques of research in behavioral science, including experimentation and naturalistic observation.

3550 Child Psychology (3) Origin and principles of behavior in infancy and childhood, physical, intellectual, social, emotional, and language behavior of the normal child. Prereq: 2500 or equivalent; 2540 recommended.

3559 Laboratory in Child Psychology (2) Field and laboratory studies of child development. Prereq: 3350 and recommended prerequisite: 3319.

3570 Psychological Problems in Childhood (3) Functional and developmental psychopathologies occurring in infancy and childhood, e.g., infantile autism, fears and phobias, and learning problems. Major contemporary theories and empirical research. Prereq: 3550.

3616-26 Human Relations (3,3) The study of interpersonal relations and communication through structured small group experience.

3650 Abnormal Psychology (3) Constitutional and environmental factors in abnormal behavior; neurotic and psychotic reactions; non-technical discussion of diagnostic and therapeutic methods. Prereq: 2500; 2540 recommended.

3720 Ethology and Sociobiology (3) Basic concepts of the evolutionary approach to behavior with special reference to controversial issues in applications to psychology, the social sciences, and the arts.

4101 Foreign Study (1-16) See page 161.

4102 Off-Campus Study (1-16) See page 161. Psychology 4103, 4107, 4109, and 4110 are courses of independent study and research taken by consent of instructor only.

4103 Independent Study (1-12) May be repeated. Maximum 12 credit hours. See note above. Prereq: Consent of instructor.

4107 Experience in Individual Instruction (1-4) Experience as a proctor in individual instruction. Prereq: Consent of instructor. May be repeated. Maximum 6 hrs.

4109 Undergraduate Research (1-12) May be repeated. Maximum 12 credit hours. See note above. Prereq: Consent of instructor.

4110 Undergraduate Participation in Community Research (1-12) May be repeated. Maximum 12 credit hours. See note above. Prereq: Consent of instructor.

4115 Psychology of Sex Role Development (3) (Same as Educational and Counseling Psychology 4110).

4120 Topics in Social Psychology (3) Intensive analysis of selected research topics. Prereq: 3120 or Sociology 3130. (Same as Sociology 4120).

4200 Topics in Health Psychology (4) May be repeated. Maximum 8 hrs.

4230 Sensory Processes and Perception (3) Survey of sensory and perceptual processes with an emphasis on audition and vision. Prereq: 3150; 2520 recommended.

4239 Laboratory in Sensory Processes and Perception (2) Prereq or coreq: 4230.

4460 Organizational-Industrial Psychology (3) Cannot be taken for credit by students who have credit for Management 4560. (Same as Management 4560.)

4510 Personality Theories (3) Survey of major approaches to understanding human personality and its development. Prereq: 2540; 3550 or 3650.

4510 Group Processes (3) Study and experience of theory and techniques of group processing and facilitation. Those participating in 4610 are expected to continue into 4620 and 4630. Prereq: 3616-26 and consent of instructor.

4620-30 Seminar in Group Processes (3,3) Didactic and laboratory experience for those qualified for further training as group facilitators. Prereq: 4610 and consent of instructor.

4640 Psychological Tests and Measures (3) Theory and construction of individual and group measures; survey of various methods of assessment of intelligence, personality, special abilities, and educational achievement. Prereq: 3510.

4650 Symbolic Processes (3) Logic of signs and symbols; directed and associative thinking; memory, problem solving, and concept formation; nature, use, and development of language. Prereq: 3210 or consent of instructor.

4650 The Psychology of Language (3) Theories and descriptions of phonology, syntax, and semantics as applied to psychology and related disciplines. 4650 or linguistics background recommended.

4670 Cognitive Development (3) Theory and research on development of language and thinking in children and adolescents. Prereq: 3210 or 3550.

4710 Physiological Psychology (4) Nervous system and physiological correlates of behavior. Prereq: One year of Biology or Zoology and Psychology 2520.

4719 Physiological Psychology Laboratory (4) Laboratory studies of nervous system and physiological correlates of behavior. Coreq: 4710.

4720 Comparative Animal Behavior (4) Methods and principles. (Same as Zoology 4720.)

4729 Comparative Animal Behavior Laboratory (4) Laboratory and field studies. Coreq: 4720. (Same as Zoology 4720.)
4770 Psychology and the Law (4) Psychological aspects of the legal system. Prereq: Junior Standing.

4780 Psychology and Current Issues (3) Research and theory related to selected contemporary issues. 4 class hours per week. Prereq: Consent of instructor. May be repeated. Maximum 6 credit hours.

4830 History and Systems of Psychology (3) Evolution of the field of psychology, focusing on classic schools of thought and recent developments. Prereq: 9 hours of upper-division psychology.


4860 Programmed Learning (3) (Same as Educ. C & I 4860.)

4870 Contemporary Research in Behavior of Women (3) Study of interaction of cultural and biological factors in determining the behavior of women, with emphasis on physiological mechanisms involved. (Same as Women's Studies 4870.)

4880 Afro-American Psychology (3) Review and analysis of psychological literature on Afro-Americans. Prereq: Consent of instructor. (Same as Black Studies 4880.)

4910 Senior Seminar on Great Ideas in Psychology (3) Review of key ideas in psychology that have shaped our understanding of human behavior in basic ways. Contemporary definition of each idea will be explored against the background of the idea's historical development, with an attempt to understand the vicissitudes of each conception as a product of larger social and scientific pressures. Recommended for Seniors. May be repeated. Maximum 8 hours.

GRADUATE

General requirements for the master's degree and doctoral degree as well as course descriptions are given in the Graduate Catalog.

Religious Studies (863)

Professors:
C. H. Reynolds (Head), Ph.D. Harvard; F. S. Lusby, B.D. Colgate (Rochester); D. L. Dungan, Th.D. Harvard; W. L. Humphreys, Th.D. Union; D. E. Linge, Ph.D. Vanderbilt; R. V. Norman, Jr. (Vice Provost), Ph.D. Vanderbilt.

Associate Professors:
J. L. Fitzgerald, Ph.D. Chicago; M. L. Levering, Ph.D. Harvard.

Assistant Professors:

UNDERGRADUATE

B.A. Major: Two options are available in religious studies. Students may choose to study at least two different religious traditions, and attain skills to analyze and interpret theoretical issues in the study of religion, the basic option consists of at least 36 hours of religious studies courses at the 3000 level or above, including the following: (1) 3660; (2) one of the following, 3650, 3671, 3672, 3770; (3) 3370 and 3380; (4) two of the following, 3011, 3021, 3690, 3960, 3720, 3720, 3720, 3720; and (5) one 4000 level seminar selected in consultation with the student's advisor. The remaining eight hours which complete the major requirement shall not include courses from related language studies. As an alternative to the basic option, a student-initiated option is recommended for students who plan to pursue graduate study in religion or who have other special educational needs. A faculty member in religious studies will help a student formulate an individual program consisting of at least 36 hours of study at the 3000 level or above. Students who desire educational goals would best be served by such a program are encouraged to discuss this option as early as possible with a faculty member in religious studies. Once the proposal is formulated, it must be submitted to the faculty in religious studies for review.

Further details on the major and on department courses are available in the department office, located in 501 McClung Tower, or from any member of the religious studies faculty.

Minor: Twenty-four hours of courses at the 3000 level and above. It is suggested that students minoring in religious studies discuss their programs with a member of the department faculty.

1010 Living Religions of the World (4) Introduction to living religious traditions in a variety of cultural settings.

1020 Current Themes in Religious Studies (1) Introduction to the study of religion through consideration of selected contemporary themes, problems or controversies. Variable content. May be repeated for a maximum of 3 credit hours.

2110-22 Founders in Religion (4,4) Introduction to religion in culture and society; critical examination of selected writings dealing with great religious founders. 2110—Religious figures such as: Moses, Confucius, Socrates, Joseph Smith and Buddha. 2120—Religious figures such as: Lao Tzu, Krishna, Jesus and Nichiren. Prereq. for 2110: 2120.

2130-20 Criticism of Religion (4,4) Classical and contemporary forms of criticism of Western religious thought. 2310—Forms of criticism in their classical presentations (as in Voltaire, Spinoza, Nietzsche, Marx, Durkheim, Freud, Barth, Russell). 2320—Contemporary issues involving critical perspectives on religion such as feminist, environmental; ethnic (Afro-American, American); liberation movements.

2610 Introduction to Religion (4) Introduction to the study of religion through selected historical traditions, East and West.

2611 Introduction to Ancient Near Eastern Religions (4) Introduction to study of religion through selected ancient Near Eastern and Mediterranean traditions.

2612 Issues in Religious Studies (4) Introduction to study of religion through selected religious problems and alternatives.

3011 Phenomenology of Religion (4) Examination of recurrent forms, themes, and patterns in history of religions, such as high gods, cultural heroes, initiation, and ascension.

3021 Religious Myth, Symbol, and Ritual (4) Study of interrelation of myths, symbols, and rituals among preliterate peoples through a specific motif, such as solar, lunar, and communal.

3060-70-80 History of Western Religious Thought and Institutions (3,3,3) 3060—First century to 8th century. 3070—6th century to 15th century. 3080—16th century to 1900. (Same as History 3060-70-80.)

3110 Ancient Israel's Historical and Religious Traditions (4) A political, religious, cultural, and historical tradition of ancient Israel from earliest period to Exile.

3120 The Rise of Judaism (4) Political, religious, and cultural history and traditions of exile and post-exilic Israel and early Judaism through 135 A.D. Later literature of Old Testament, Apocrypha, and Dead Sea Scrolls.

3121 Religious Traditions of Ancient Israel (4) Religious and cultural traditions of ancient Egypt from 4th Kingdom to Hellenistic period.

3131 Religious Traditions of Ancient Mesopotamia (4) Religious and cultural traditions of ancient Sumerians, Babylonians, and Assyrians.

3220-33 Religious Aspects of Literature (4,4) 3220—Religious Themes and Classic Works. Major themes of Western religion as reflected in classic literary works; authors such as Vergil, Dante, Shakespeare, Milton, Blake, Goethe, Tolstoy. 3230—Religion and Literature: 20th Century. Religious themes in western writing such as Yeats, Eliot, Mann, Kafka, Faulkner, Lawrence. 3232—Religion and Literature: 20th Century. Possible religions such as Yeats, Eliot, Mann, Kafka, Faulkner, Law-rence. 3233—Religion and Literature: 20th Century. Possible religions such as Yeats, Eliot, Mann, Kafka, Faulkner, Lawrence. 3233—Religion and Literature: 20th Century. Possible religions such as Yeats, Eliot, Mann, Kafka, Faulkner, Lawrence.

3311-12 Images of Jesus (4,4) Introduction to ancient and modern portrayals of Jesus, understood within their cultural milieus. Prereq. for 3312: 3311.


3340 Judaism in the Common Era. (3) Survey of literature and traditions of Judaism in the Common Era.

3370-90 The Christian Tradition (4,4) Introduction to the Christian religious tradition, its origins, development and formative impact on Western culture. 3370—Sacred writings of the tradition; basic forms of spirituality and polity. 3380—Unity and diversity of Christian theology in relation to such issues as human nature and society, nature of the cosmos, and relation of religion and culture. Prereq. for 3380: 3370.

3411-12 The Reformation (3,3) 3411—Renaissance. 3412—Reformation, Counter Reformation, and Wars of Religion, 1517-1618. (Same as History 3411-12.)

3440 Religion of Primitive Peoples (3) (Same as Anthropology 3440.)

3490 African Religions (4) Examination of religions of the indigenous peoples of Africa, including a study of functions of myth, rites, and symbols and an inquiry into how certain political movements in Africa have been and are informed by religious sensibilities. (Same as Anthropology 3490 and Black Studies 3490.)

3510-30 Religion in America (4,4) Not a survey but a representative profile of religion in America, past and present, organized each quarter around theme or problem. May be taken independently.

3550 Religion and Racism in America (4) Historical and critical survey of role played by religion in supporting and criticizing American racial injustice. (Same as Afro-American Studies 3550.)

3560 Afro-American Religion in the United States (4) Historical and critical examination of formation and development of Afro-American religious thought and institutions in the United States. (Same as Afro-American Studies 3560.)

3560-10 Religious Ethics (4,4) Historical and critical survey of religious ethics; basic theories and their application in social problems.

3605-06 Professional Responsibility (4,4) (Same as Philosophy 3605-06.)

3611 Medical Ethics (4) (Same as Philosophy 3611.)

3620 Topics in Religious Ethics (4) Examination of particular theoretical issues and social problems from perspectives of religious ethics. May be repeated once for credit.

3650 Philosophy and Religion in India (4) (Same as Philosophy 3650.)

3660 Buddhist Philosophy and Religion (4) (Same as Philosophy 3660.)

3671 Religion and Philosophy in China (4) (Same as Philosophy 3671.)

3672 Religion and Society in Japan (4) (Same as Sociology 3672.)

3680 Islam (4) Origin and early history, rapid spread as a world faith, development of Muslim theology and culture, interaction with modern cultures.

3690 Philosophy of Religion (4) (Same as Philosophy 3690.)

3710 Literature of the English Bible (3) (Same as English 3710.)

3711 Literature of the English Bible (3) (Same as English 3711.)
Minor: Consists of 24 hours in courses numbered 3110 or above, including the following: 3110-20-30 or 3810-20-30 (Aspects of French literature), 3101 Intermediate Composition and Conversation, 3 hours; 4210 (Phonetics, 3 hours); 9 additional hours selected from courses in literature, languages, and civilization. Students pursuing a minor are strongly advised to consult with a department advisor.

Courses which are the equivalents of the foregoing may be substituted with consent of the department; but courses in French literature in English translation may not be counted toward either a major or a minor.

1110-20-30 Elementary French (3,3,3) This sequence strongly recommended for students intending to take upper-division courses in French. Must be taken in sequence. 3 hours and 2 labs.

1118-28-38 Honors: Elementary French (3) Honors course for eligible students who can complete it in 12 weeks or 2 terms. Prerequisites: Students who have taken French in high school. Freshmen admitted to 1138 on basis of diagnostic test or consent of instructor, high school average, and performance on ACT. Class held to maximum of 15 for individual attention. This course covers elements of the French program for first year, but is enriched. Students expected to spend normal amount of preparation time. Credit given for examination and course. Students may easily transfer to regular class. Potential majors and minors in French are urged to take this course.

1510-20 Elementary French (4,4) Must be taken in sequence. 4 class meetings and 2 laboratory periods.

2110-20-30 Intermediate French (3,3,3) This sequence strongly recommended for students intending to take upper-division courses in French. Must be taken in sequence. 3 hours and 2 labs.

2118-28-38 Honors: Intermediate French (3,3,3) Honors course for students of superior ability in French. Incoming freshmen admitted on basis of diagnostic test, high school average, and performance on ACT. Class held to a maximum of 15 for individual attention. Students follow enriched program which emphasizes speaking ability and reading, including literary selections. Students passing 2110 with a grade of B or higher are eligible for 2138 rather than 2130. Students passing 2120 with a grade of B or higher are eligible for 2158 rather than 2130. Students earning a grade of A or B in 2130 are eligible to take a proficiency exam for French 3000; credit for French 3000 given to students receiving a grade of A or B on this examination.

2510-20 Intermediate French (4,4) Must be taken in sequence. 4 class meetings and 2 laboratory periods.

2510-20 Panorama of French Culture (4,4) 2510—Cultural forces which produced the French nation: art, architecture, music, literature, social and political life in France; historical development of French culture; modern movements in France; 2520—Arts in Age of Reason and trends in French culture during the Revolution and Age of Romanticism, in bourgeois age of 19th century, and in modern movements of surrealism, dadaism, and existentialism.

2910-20-30 French Literature in English Translation (3,3,3) 2910—Introduction to French literature and aspects of national culture. Prerequisites: Completion of 9 hours of courses on 3000 level. 2920—From the origins through the Renaissance to the Age of Reason and trends in French culture during the 18th century. Prerequisites: Completion of 9 hours of courses on 3000 level. 2930—The French Revolution and Age of Romanticism, in bourgeois culture, at least 8 hours) ; 9 hours of literature at the 4000 level; 10 additional hours selected from courses in literature, languages, and civilization. Students may substitute foreign language courses; students with special interests, such as Comparative Literature, may make certain substitutions with consent of the department.

Major: Consists of 24 hours in courses numbered 3110 or above, to include the following (or equivalents, with consent of the department): 3410-20-30 (Advanced Grammar, Composition, and Conversation, 9 hours); 3110-20-30 or 3510-20 (Aspects of French Literature and aspects of national culture); 3450 Composition and Conversation for Careers in Business (3,3,3) Teaching of students speaking ability and reading, including literary selections. Prerequisites: Completion of 9 hours of courses on 3000 level. 4001-03-03 Introduction to Consecutive and Simultaneous French Translation (3,3,3) 4001—Oral Translation into French and English; 4002—Simultaneous Translation to and from English. Training of students with intermediate or advanced knowledge of French for consecutive and simultaneous oral translation from French into English; and vice versa, on a variety of practical subjects such as business, economics, politics, and science. The course will be given mainly in the language lab with additional classroom supervision by the instructor. Prerequisites: 3400 or equivalent. Must be taken in sequence.

4100-34-38 French Literature in English Translation (3) No foreign language credit.

4200 Masterpieces of French Drama in English Translation (3) No foreign language credit.

4300 Foreign Study (1-16) Provisions for individual study are available for students of superior ability. 1118 not for credit for those having had 1110-20-30, 1510-20-30.

4320-30 French Literature of Eighteenth Century (3,3) Prerequisites: 2130, 2520, or equivalent.

4350-60-70 Medieval French Literature (3,3,3) Medieval works in modern French texts. Prerequisites: 2130, 2520, or equivalent.

4410-20-30 French Civilization (3,3,3) Prerequisites: 2130, 2520, or equivalent.

4510-20-30 French Literature of Nineteenth Century (3,3) Prerequisites: 2130, 2520, or equivalent.

4610 Readings in French Literature (3)

4710-20-30 French Literature of Twentieth Century (3,3,3) Prerequisites: 2130, 2520, or equivalent.

Graduate General requirements for the master's program as well as course descriptions are given in the Graduate Catalog.

Italian (584)

Undergraduate B.A. Major: Consists of 36 hours of courses numbered 3110 or above, to include the following (or equivalents, with consent of the department): 3410-20-30 (Advanced Grammar, Composition, and Conversation, 9 hours); 3110-20-30 or 3510-20 (Aspects of Italian Literature, at least 8 hours); 7 additional hours selected from courses in literature, language, and civilization. Students may substitute foreign language courses; students with special interests, such as Comparative Literature, may make certain substitutions with consent of the department.

Minor: Consists of 24 hours in courses numbered 3110 or above, to include the following (or equivalents, with consent of the department): 3410-20-30 (Advanced Grammar, Composition, and Conversation, 9 hours); 3110-20-30 or 3510-20 (Aspects of Italian Literature, at least 8 hours); 7 additional hours selected from courses in literature, language, and civilization. Courses in Italian literature in English translation may not be counted toward either a major or a minor.

1110-20-30 Elementary Italian (3,3,3) Must be taken in sequence. Three class meetings and 2 laboratory periods.

1510-20 Intermediate Italian (4,4) Must be taken in sequence. 4 class meetings and 2 laboratory periods.

2110-20-30 Intermediate Italian (3,3,3) Must be taken in sequence. Three class meetings and 2 laboratory periods.

2510-20 Advanced Italian (4,4) Must be taken in sequence. 4 class meetings and 2 laboratory periods.

2610-30 Panorama of Italian Culture (4,4) 2610—
Spanish (924)

**UNDERGRADUATE**

**B.A. Major:** Consists of 36 hours in courses numbered 3110 or above. Students whose primary interest is literature must have a minimum of 9 hours chosen from the following sequences:

3110-20-30 (Aspects of Spanish literature or Aspects of Spanish American literature, 9 hours); 3410 plus 3420 or 3430 (Composition and Conversation, 6 hours); 4210 (Phonetics, 3 hours); 9 hours of literature at the 4000 level; 3 hours of civilization; sufficient additional hours selected from courses in literature, language, or civilization to fulfill the major requirement. Students whose primary interest is language must have a minimum of 9 hours chosen from the following sequences: 3110-20-30, 3310-20-30 (Aspects of Spanish Literature, or Aspects of Spanish American Literature, 9 hours); 3410 (Composition and Conversation, 3 hours); 4210 (Phonetics, 3 hours); 9 hours selected from courses 3420-30 (Composition and Conversation), 4220-30 (Advanced Grammar), or 4250-60-70 (Linguistics); 3 hours of literature at the 4000 level; 3 hours of civilization; sufficient additional hours selected from courses in literature, language, or civilization to fulfill the major requirement. With either of the above options, students may substitute Foreign Study (4101) for certain courses; students with special interests, such as Comparative Literature, may make certain substitutions with consent of the department.

**Minor:** Consists of 24 hours in courses numbered 3110 or above, including a minimum of 9 hours chosen from the following sequences: 3110-20-30, 3310-20-30 (Aspects of Spanish Literature or Aspects of Spanish American Literature, 9 hours); 3410 (Composition and Conversation, 3 hours); 4210 (Phonetics, 3 hours); sufficient additional hours selected from courses in literature, language, or civilization to fulfill the major requirement. Students pursuing a minor are strongly advised to consult with a departmental advisor.

Courses which are the equivalents of the foregoing may be approved by consent of the department; but courses in Spanish literature in English translation may not be counted toward either a major or a minor.

3110-20 Elementary Spanish (4,4) Must be taken in sequence. 4 class meetings and 2 laboratory periods.

2510-30 Intermediate Portuguese (4,4) Must be taken in sequence. 4 class meetings and 2 laboratory periods.

3000-01 Advanced Portuguese (3,3) An accelerated class for beginning students of Portuguese who already have a strong background in Spanish, French, or Italian. Conversation and reading with a quick survey of grammar. Introduction to the culture and literature of Portugal and Brazil. Prereq: Permission of instructor.

3510-20 Aspects of Portuguese Literature (4,4) Prereq: 2520 or equivalent. Recommended for literature majors. (Same as Latin American Studies 3510-20.)

4101 Foreign Study (1-16) Please see page 161.

4310-20-30 Directed Readings in Brazilian and Portuguese Literature (3,3,3) May be repeated with consent of instructor. (Same as Latin American Studies 4310-20-30.)

**GRADUATE**

Consult the Graduate Catalog for listing of graduate level courses.

Spanish/College of Liberal Arts 205

2910-20-30 Spanish and Spanish American Literature in English Translation (4,4,4,4) 2910--Masterpieces of classical Spanish literature: Cervantes, realism and the picaresque novel, religious mystics, Golden Age Theatre. 2920-30-40 2920--Masterpieces of Spanish American literature: Unamuno, Lorca, Baraja, Ortega. 2930--Contemporary Spanish American fiction: Mar- quen, Bejar, Fuentes, Asturias. No change in credit hours after add deadline. Option of 4 hours credit must present an appropriate amount of extra work above that required for 3 hours. (Same as Latin American Studies 3010-20-30.)

3000 Spanish Transition (3) Development of linguistic skills necessary for satisfactory work in courses above 3000. Recommended for students who feel they would benefit from additional training beyond 2130 or 2520 in basic skills of reading, speaking, and writing Spanish.

3110-20 Aspects of Spanish American Literature (3,3) 3110--Introduction to Spanish literature, using selections from prose, drama, and poetry of the modern period; 3120--aspects of Golden Age literature, including the mystics, Cervantes, and Lope de Vega. 3130--aspects of Baroque literature, including Unamuno, Ortega y Gasset, and Garcia Lorca. Prereq: 2130, 2520 or equivalent. Recommended for literature majors. Not offered for graduate credit.

3310-20 Aspects of Spanish American Literature (3,3) 3310--Study (not usually chronological) of various periods of the literature; emphasis upon the genres (poetry, novel, drama) varies. May be taken in place of 3110-20. Prereq: Consent of instructor. (Same as Latin American Studies 3310-20-30.)

3410-20 Intermediate Conversation and Composition (3,3) Not offered for graduate credit.

4055-75 Survey of Spanish Literature (3,3,3) 4055--The Medieval Period: Cantar de A mio Cid, Libro de buen amor, La Celestina; 4065--The Golden Age: Lope de Vega, the picaresque novel, the Mystics, Calde- ron, Cervantes. 4075--The Modern Period: Becquer, the Generation of '98, Lorca, Ortega y Gasset, Cela. Prereq: Third-year literature sequence in Spanish or consent of instructor.

4101 Foreign Study (1-16) Please see page 161.

4115 Cervantes (3) Life and works of Cervantes, focusing on Don Quijote, but including other works; includes an introduction to Cervantes criticism and bibliography across the centuries. Literature course or Spanish and Spanish American literature in Spanish or consent of instructor.

4125 The Comedy (3) Study of Golden Age dramas with emphasis on works by Lope de Vega, Tirso de Molina, Alarcon, and Calderon de la Barca. Prereq: Third-year literature course in Spanish or consent of instructor.

4135 Generation of '98 (3) Study of the books of Granjal and Lain Enrilago on the Generation: readings from Unamuno, Genisvet, Baroja, Azorin, Valle-Inclan, Antonio Machado, Jimenez, Benavente and Ortega y Gasset. Prereq: Third-year literature course in Spanish or consent of instructor.

4140 Theatrical Spanish (1-3) Performance in one or more Spanish plays. Prereq: Intermediate Spanish or equivalent and consent of instructor. May be repeated with consent of department. Maximum 6 hrs.

4160-70-80 Advanced Conversation (2,2,2) Intensive training in prepared and spontaneous conversations. Subjects range from travel and current events to literature and aspects of national culture. Prereq: Completion of 9 hours of courses at 3000 level.

4210 Phonetics (3) Prereq: 2130, 2520, or equivalent.

4220-30 Advanced Grammar (3,3) Prereq: 2130, 2520, or equivalent.

4250 Introduction to Descriptive Linguistics (3) (Same as French, German, Russian, and Linguistics 4260.)

4260 Introduction to Historical and Comparative Lin- guistics (3) (Same as French, German, Russian, and Linguistics 4260.)

4270 Romance Linguistics (3) (Same as French and Linguistics 4270.)

(3) The Pre-professional program assists in preparation for graduate study in law, urban studies, planning, ecology, and sociology. Courses include: Political Sociology 3030, Social Psychology 3130, Urban Environment 3410, Occupations as Organizations 3620, Sociological Theory 3810, Social Research 3910, Elementary Social Statistics 3920, Social Change 4540, and Formal Organization 4560.

(4) The Research Analyst program is preparation for data analysis in private and public research organizations and in business and industry. Courses include: Stratification 3350, Social Research 3910, Elementary Social Statistics 3920, Population Problems 4110, Theory of Attitudes and Values 4180, and selected courses outside of the department. Students should consult with the Undergraduate Coordinator.

(5) The Human Management program is preparation for those who manage people as part of their work. Courses include: Social Psychology 3130, Gender in Society 3150, Communicative Processes 3200, Prejudice and Racism 3330, Occupations 3810, Occupations as Organizations 3620, Social Research 3910, and Formal Organizations 4560.

(6) The Criminal Justice program is preparation for careers in corrections, law enforcement, parole and probation, and criminology. Courses include: Collective Behavior 3010, Deviance 3140, Prejudice and Racism 3330, Juvenile Delinquency 3510, Social Research 3910, Sociology of Law 4030, Punishment and Corrections 4130, and Criminology 4310. A Minor consists of 24 upper-division hours. Eight lower-division hours in sociology are a prerequisite to a minor.

1510 General Sociology (4) Social origins, structures, forces, processes, and products.
1518 Honors: General Sociology (4) Enriched introduction to sociological principles and research. Permission of department required. B average or better. Selected freshmen.
1520 Sociology of Social Problems (4)
1528 Honors: Social Problems (4) Permission of department required. B average or better. Selected freshman.
1530 Contemporary Social Change (4) Introduction to basic concepts and principles used in analyzing social change. Emphasis on contemporary society.
2351 Interpersonal Communication (4) (Same as Speech 2351)
2510 Introduction to Sociology Through Literature (4) Social processes such as social control and socialization; sociological concepts such as status and role, and the other elements of a basic introduction to sociology are examined in this specialized introduction to sociology.
2520 Social Problems: Crime and Justice (4) Specialized introduction to social problems confined primarily to an analysis of American experiences in areas such as the cause of crime, the operation of the police and courts, and the correctional process.
2850 Sport in American Society (3) (Same as Physical Education 2850)
3010 Collective Behavior (4) Analysis of collective phenomena emphasizing crowd behavior, responses to disaster, popular crazes, mass movements, and social protests.
3015 Resource Scarcity and Social Change (4) The relationship between scarcity of natural resources and change in society. Topics include social and physical limits to growth and collective action problems.
3025 Computers and Society (3) (Same as Computer Science 3025)
3930 Political Sociology (3) Sociological analysis of American political system. Attention given to consideration of concept of power, elitist-pluralist controversy, end-of-ideology debate, and related topics.
3130 Social Psychology (4) Social psychological analysis of social behavior emphasizing its acquisition, its enactment and its dynamic nature.
3140 Deviance and the Social Order (4) Examination of relations between deviance and social order. Various types of social deviance considered, with focus on their structure, social factors related to process of becoming deviant, and consequences of deviant conduct.
3150 Gender in Society (4) Exploration of gender in society utilizing various sociological perspectives with social focus on the relationships between social structures, social roles, and gender identities. (Same as Women's Studies 3150.)
3160 Sociology of Medicine (4) Introduction to sociological approach to study of health and medicine. Emphasis on relationships of demographic characteristics to the prevalence of disease, organization of health care facilities, and staff-patient relationships.
3220 The Family (4) Examines theoretical frameworks and methodological approaches and their application in the sociological study of past and present family forms.
3320 Interpersonal Communication Processes (4) Sociological dimensions of communication and of communication processes at the organizational and interpersonal levels. (Same as Speech 3320.)
3330 Prejudice and Racism in the United States (4) (Same as Afro-American Studies 3330)
3340 Comparative Poverty and Inequality (4) Comparative description and sociological analysis of poverty and inequality in the modern world. (Same as Afro-American Studies 3340)
3350 Social Stratification (4) Study of economic class, prestige, life style, and power hierarchies; causes and consequences of structured social inequality.
3410 Urban Environment (4) Introduction to urban environment; emergence of the city; cities of New World, urbanization; social worlds within urban environment.
3420 Urban Problems (4) Crises and the urban conscious; urban problems and interventions; housing, urban renewal, and neighborhood conservation; the urban poor, the dispossessed, and alienated; planning for urban youth; the urban elderly; the social and physical planning process; new towns. (Same as Urban Studies 3420)
3510 Juvenile Delinquency (4) Critical assessment of nature of the delinquency problem, major sociological causes and their implications for control, and administration of juvenile justice.
3610 Sociology of Occupations (4) Introduction to occupations and their relation to the individual and society; technology and occupations; unequal rewards and occupations; social organization and occupations.
3672 Religion and Society in Japan (4) (Same as Religious Studies 3672)
3710 Corporate and Organizational Deviance (4) An introduction to analysis and understanding of crime and deviance committed by organizations. Intended for students from diverse culture, the course examines case studies of corporate and organizational
deviance. A principal focus is a critical examination of organized responses to this type of deviance, especially the operation of regulatory agencies.

3780 American Society (4) An analysis of the institutional organization of contemporary American society, with attention to institutional interrelations (e.g., between the economy and the political system) and to the development of important social groups (e.g., educators, political parties, and workers), and major forces of change.

3810 Sociological Theory (4) Survey and analysis of development of sociological theory from time of Comte to present.

3910 Introduction to Social Research (4) Scientific method applied to social phenomena; formulating test hypotheses; techniques for collecting data; measuring social variables; interpreting research findings. Laboratories.

3920 Elementary Statistical Methods (4) Statistics used in social research; elementary descriptive techniques; measurement of central tendency, dispersion; elementary statistical inference; tests of significance for parametric and non-parametric data.

4000 Special Topics (4) Student-generated course offered at convenience of department upon student initiative. Scope of subject matter determined by students and instructor with consent of department. Elective credit only. Prereq: Determined by department.

4030 Society and Law (4) General treatment of social origins and consequences of law and legal process. Pervasive emphasis on problems of law and social change, and on structure and functioning of legal sanctions. Law and law-like phenomena in formal organizations and in personal relationships.

4051 Sociology of Sport (4) The social meaning, organization and process of sport. Social organization and meaning of sport. The difference between sport and play and games, social stratification and sport, sport as an occupation, place of sport in mass culture, sport sub-cultures, and reciprocal influences of sport and cultural milieu. Prereq: P.E. 2850 or sociology 2850, or permission of instructor. (Same as Physical Education 4051.)

4102 Off-Campus Study (1-16) See page 161.

4103 Independent Study (1-16) See page 161.

4110 Population Problems (4) Demographic factors and social structure; trends in fertility, mortality, population growth, migration, distribution, and composition; population policy.

4120 Topics in Social Psychology (4) (Same as Psychology 4120.)

4160 Theory of Attitudes and Values (4) Study of organization, functions and measurement of attitudes and values; approaches to attitude change; and relationship to attitudes, values, and behavior.

4190 Socialization Across the Adult Life Cycle (4) The social process through which people acquire skills and abilities and undergo identity transformations and types of adult socialization (e.g., occupational, institutional) are emphasized.

4330 Urban Ecology (4) Examination of public, private, collective, and individual space. Classical school ecology, its neoclassical revisers, social area analysis, and cognitive symbolic ecology emphasized. (Same as Urban Studies 4330.)

4410 Educational Sociology (3) (Same as Educ. C & 4410.)

4500 Criminology (4) A systematic inquiry into the causes and control of crime and criminals. Emphasis is on causation.


4520 Criminal Justice II: Corrections (4) The historical development of institutions and programs such as juvenile detention, parole, prisons, probation and parole. Analysis of their operation and impact is special focus. Discusses evaluation research and its application to correctional programs. Recommended: Sociology 4500.

4540 Development and Underdevelopment (4) Critical examination of theories which attempt to explain differential development in the modern world. In-depth examination of development issues in selected regions of the world. (Same as Religious Studies 4540.)

4560 Formal Organization (4) Analysis of bureaucratization process, division of labor, delegation of authority, channelled communication under system of rationality.

4730 Sociology of Aging (4) Emphasizes how roles and statuses change with age in relation to the major social institutions and demonstrates the impact that the rapidly increasing number of older people have on society, as well as the effect of society on older people.

4820 American Minority Groups (4) Minority groups and social structure in American society; analysis of intergroup relations with attention given to both past and present relationships of selected groups to broader society.

4930 Social Movements (4) Development, organization, and function of social movements; attention is given to ideology, leadership, and organization of political, religious, and other types of social movements.

4940 Sociology of Religion (4) Interrelationship of sociology, culture, and religion. (Same as Religious Studies 4940.)

GRADUATE
The General requirements for the master's and doctoral degrees as well as course descriptions are in the Graduate Catalog.

Spanish
See Romance Languages.

Speech and Theatre

Professors:


Associate Professors:

M. L. Ambrester, Ph.D. Ohio; J. E. Buckley, Ph.D. Northwestern; R. T. Church, Ph.D. Temple; N. C. Cook, M.A. Alabama; M. Custer, M.F.A. Wisconsin; R. W. Glenn, Ph.D. Northwestern.

Assistant Professors:


Instructor:


UNDERGRADUATE

B.A. Major: The Department of Speech and Theatre offers a single undergraduate degree, the Bachelor of Arts in Speech and Theatre. Majors must declare a concentration in either (a) Speech or (b) Theatre.

(a) Major in Speech and Theatre (Speech concentration)¹

Speech 1211 and 1221 are prerequisites to a concentration which consists of Speech 211, 2311, 2312, 2351, and either 3890 or 4550, and 24 additional hours in Speech courses numbered 2000 and above, of which 20 hours must be in courses numbered 3000 and above. No more than 8 hours from Speech 2410-20-30, 3410-20-30, Speech and Theatre 4101, 4102, and 4103 may be counted toward the concentration. Advisory tracks are available in: (1) Interpersonal Communication, (2) Organizational Communication, and (3) Public Communication. Consult the Departmental office for information and recommended advisors.

(b) Major in Speech and Theatre (Theatre Concentration)²

Theatre 1320-30-40 is prerequisite to a concentration which consists of: (a) Theatre 2111, 2211-21, 2252-53-54, 3252-53-54, 3410; (b) 19 additional hours of Theatre courses numbered 2000 or above¹. 12 hours of which may be cognate areas approved by the department; (c) at least one half of the hours in the concentration must be earned at the 3000-level and above. Speech and Theatre 4101-02-03 may be repeated for major credit to a maximum total of 8 hours.

Minors: Two minors are offered: (a) Speech and (b) Theatre.

(1) Minor in Speech:

i. Prerequisites: Speech 1211, 1221.

ii. Requirements: 24 hours in Speech courses numbered above 3000.

(2) Minor in Theatre:

i. Prerequisites: Theatre 1320-30-40.

ii. Requirements: 24 hours in Theatre courses numbered above 3000, 6 of which must be in history and criticism.

Certification for Teaching Speech and English, Consult Certification Clerk, Room 212, Claxton Education Building.

GRADUATE
General requirements for the master's degree are given in the Graduate Catalog.

Speech (943)

1211 Communication and Society (4) Study of communication: media, posters, speeches, songs, plays, demonstrations, film) and social change.

1211 Introduction to Speech Communication (3) Fundamental theories and practices with particular reference to interpersonal, intergroup, and public communication.

2311 Public Speaking (4) Basic principles of speech preparation and delivery. Students may not receive credit for both 2311 and 2312.

2312 Public Speaking (4) Includes the material of Speech 2311 with additional work on methods for coping with speech anxiety. Permission of instructor required. Students may not receive credit for both 2311 and 2312.

2331 Argumentation and Debate (4) Reasoned decision-making with emphasis on analysis, evaluation, reasoning, constructing and refuting arguments.

2351 Interpersonal Communication (4) Study of the process by which thoughts, feelings, and actions affect and are affected by the face-to-face communication situation. (Same as Sociology 2351.)

2361 Business and Professional Speaking (4) Basic principles of oral communication within organizations, including such topics as organizational communication, theory, group problem solving, formal presentations, and interviewing.

2410-20-30 Intercollegiate Forensics (1,1,1) Supervised and sponsored debates. Students may not receive credit for 2410, 2411, 2412.

Speech and Theatre/College of Liberal Arts 207
2900 Introduction to Research Methods in Communication Studies (3) Introduction to the development and application of empirical research methods appropriate to interpersonal, group, and public communication. Basic concepts in sampling, surveys, reliability and validity of design in communication research.

3011 Persuasion (4) Persuasive theory: psychological, sociological, and cultural dimensions.

3021 Group Communication (4) Communication theory in its application to small groups, especially discussion groups; communication barriers, non-verbal communication, business communication.

3031 Nonverbal Communication (4) Exploration of nonverbal communication from human communication perspective: origins and research, usage and coding of nonverbal behavior, research strategies and theoretical approaches.

3320 Interpersonal Communication Processes (4) (Same as Sociology 3320.)

3361 Fundamentals of Organizational Communication (4) A study of communication behavior, theory and skills in organizational settings: upward, downward and lateral communications in dyads and groups.

3410-20-30 Intercollegiate Forensics (1,1,1) Continuation of 2410-20-30. Prereq: Consent of instructor.

3890 Theories of Communication (4) Survey of contemporary communication theories and their applications in society.

3990 Evidence and Argumentation (3) The concept of evidence in public controversies, uses and sources of evidence, and conditions affecting credibility.

4000 Topics in Speech Communication (3) Variable content course affording opportunity to offer subject matter not covered in an existing course. Topics, scope of subject matter, and prerequisites to be determined by department. May be repeated. Maximum 6 credit hours. Major credit is limited to 3 credit hours.

4222 Advanced Argumentation and Debate (4) Prereq: 2331 or consent of instructor.

4351 Communication and Conflict (3) Communication as a significant factor in the development, management, and resolution of conflict at the interpersonal, small group, organizational, or societal level.

4550 History of Rhetorical Theory (4) Survey of Western rhetorical theory from Plato to the present.

4600 Rhetoric of the Woman's Rights Movement (4) Historical and critical study of public address in campaign for women's rights from the 1820s to present. (Same as Women's Studies 4560.)

4571 British Oratory (4) Historical and critical study of British public address.

4591 Persuasive Uses of Imaginative Literature (4) Topics in social and political uses of novels, plays and poems.

4930 Studies in American Public Address (4) May be repeated. Maximum credit 12 hours.

GRADUATE Consult the Graduate Catalog for listing of graduate level courses.

Theatre (976)

1200-30-40 Introduction to Theatre (3,3,3) 1230—Linguistic theatre: thought, philosophy and aesthetics. 1330—Historical perspectives on the making of the modern theatre. 1340—Practice of theatre: collaboration of artists and craftsmen.

2111-21 Acting (4,4) 2111—Realism: readings, improvisations and scene study. 2121—Extended Realism: voice and movement for the stage, basic rehearsal techniques. Prereq: Consent of instructor for 2121. Production participation required.

2211-21 Stagecraft (4,4) 2211—Techniques of scenery construction. 2221—Fundamental methods of stage lighting. Production participation required.

2231 Basic Stage Costuming (4) Costume design and construction: basic theory and technique. Production participation required.

2282-53-54 Survey of World Dramas (3,3,3) 2252 Includes Greek, Roman, Medieval and Eastern forms of drama; 2253 covers Elizabethan through nineteenth century drama; and 2254 deals with the study of realism through contemporary drama.

2312-23 Advanced Acting (4,4) Historical styles of acting. 3121-17th and 18th centuries. Prereq: Consent of instructor. Production participation required.

3181 Theatre Practicum: Performance (1-4) Supervised work on departmental productions. Available for credit only to theatre majors or with consent of department. Prereq: Consent of instructor. May be repeated. Maximum credit 4 hours.

3152 Theatre Practicum: Production (1-4) Supervised work on departmental productions. Available for credit only to theatre majors or with consent of department. Prereq: Consent of instructor. May be repeated. Maximum credit 4 hours.

3153 Summer Repertory Productions (1-4) Supervised work on summer repertory productions. Available only to members of summer company by consent of instructor. May be repeated. Maximum 4 credit hours.

3221-22 Introduction to Scene Design (4,4) 3221—Problems of space and movement with reference to specific plays, form, movement, scale, and style; rudiments of rendering and ground-plan preparation. 3222—Play interpretation through scenic design must be set as environment for dramatic action; rudiments of model making. Must be taken in sequence.

3252-53-54 History of the Theatre (4,4,4) Drama in performance with particular emphasis in theatre architecture, scene design, and acting styles. 3231—Antiquity to the Renaissance. 3253—The European theatre, 1650-1850. 3254—Modern theatre.

3262-63 History of the American Theatre (3,3,3) Development of the theatre as social institution in American life. 3262—From its beginnings to 1800. 3263—From 1900 to present.

3271-22 Introduction to Lighting Design (4,4) Mechanics of stage lighting; elementary theory; problems in basic lighting practice. Must be taken in sequence. Prereq: 2211-21 and consent of instructor.

3451-52 Play Directing (4,4) Must be taken in sequence. Prereq: 2211.

3511-12 Introduction to Costume Design (4,4) Costume as expression of character on stage; the application of costume history to specific design projects. Prereq: 2331 or consent of instructor.

4133-34 Special Problems in Acting (3,3) Advanced exercises in voice and movement; preparation of major painting. Prereq: Consent of instructor.

4151 Theatre Practicum: Performance (1-4) Continuation of 3181. Available for credit only to theatre majors. Prereq: Consent of instructor. May be repeated. Maximum credit 4 hours.

4152 Theatre Practicum: Production (1-4) Continuation of 3152. Available for credit only to theatre majors. Prereq: Consent of instructor. May be repeated. Maximum credit 4 hours.

4153 Summer Repertory Productions (1-4) Continuation of 3153. Available only to members of summer company by consent of instructor. May be repeated. Maximum credit 4 hours.

4211 Technical Theatre I (4) Study and practice of theatre woodworking; production participation will be required. Prereq: 2211. Graduate credit available to Theatre MFA students only.

4212 Technical Theatre II (4) Study and practice of metalworking and plastics for theatrical productions; production participation will be required. Prereq: 2211. Graduate credit available to Theatre MFA students only.

4213 Technical Theatre III (4) Study and practice of stage rigging for theatrical productions; production participation will be required. Prereq: 2221. Graduate credit available to Theatre MFA students only.

4214-15 Advanced Technical Theatre (4,4) Advanced techniques in theatre management; advanced technical and property execution; special problems in technical theatre.

4216 Advanced Lighting Technology (4) Study and practice of advanced stage lighting technology for theatrical productions. Prereq: 2221. Graduate credit available to Theatre MFA students only.

4217 Theatre Sound (4) Study and practice of theatrical technology. Prereq: 2221. Graduate credit available to Theatre MFA students only.

4241-42 Advanced Scene Design (4,4) 4241—Descriptive drawing as an approach to three-dimensional design; theatrical graphic standards and preparation of design drawings. 4242—Perception of surface color; construction of spatial illusion through color with reference to rendering, scene painting, and preparation of painter's elevations. Must be taken in sequence. Prereq: 2211-21, 3221-22, and consent of instructor.

4341-42 Advanced Lighting Design (4,4) Relationship of light to setting in creating stage environment. Must be taken in sequence. Prereq: 3321-22 or consent of instructor.

4441-42 Advanced Play Directing (4,4) Problems of play interpretation; directing period plays; preparation of play for production. Prereq: Consent of instructor.


4611 Principles of Design for the Theatre (4) The relationship of the elements of design to the design of stage scenery, lights, costumes and stage direction.

4641 Drawing for the Theatre (3) A drawing course for students in the theatre design disciplines. Work toward development of personal style in perspective and graphic interpretation. Prereq: Consent of instructor.

4642 Scenery Painting (3) Materials, techniques and principles of the craft. Emphasis on gaining skill and understanding through studio experience. Prereq: Consent of instructor. Graduate credit available for students in Theatre MFA program only.

4751-52-53 Dramatic Theory and Criticism (3,3,3) 4951-52 Playwriting (4,4) Prereq: Consent of instructor.

GRADUATE Consult the Graduate Catalog for listing of graduate level courses.

Speech and Theatre (945)

2021 Voice and Diction (4) Voice production; attention to individual speech problems.

2031 Oral Interpretation (3) Art of reading aloud; development of interpretive techniques and their application to selected passages of prose, poetry, and drama.

3651 Oral Interpretation of Prose Literature (4) Prereq: 2031 or consent of instructor.

3651 Oral Interpretation of Poetry (4) Prereq: 2031 or consent of instructor.

3671 Oral Interpretation of Drama (4) Prereq: 2031 or consent of instructor.

4101 Foreign Study (1-16) See page 185 and description of major concentration.

4102 Off-Campus Study (1-16) May be repeated for major credit to maximum of 12 hours. See page 185 and description of major concentration.

4103 Independent Study (1-16) May be repeated for major credit to maximum of 8 hours. See page 185 and description of major concentration.

4103 Independent Study (1-16) May be repeated for major credit to maximum of 8 hours. See page 185 and description of major concentration.
4811 Advanced Phonetics (4) Phonetic aspects of contemporary dialects of the English language. Prereq: Consent of instructor.

GRADUATE
Consult the Graduate Catalog for listing of graduate level courses.

Statistics
See faculty list page 85.

Liberal arts students may major or minor in statistics under the supervision of the faculty of the statistics department in the College of Business Administration. The major is designed to prepare students for graduate studies in statistics or for professional work in various applications of statistical methods, including applications in the natural and social sciences, business, and industry. It is highly recommended that a student majoring in statistics have a minor in an area of application.

Major:
(a) Required courses: 24 hours to consist of Mathematics 2840-50-60; Statistics 3450-60; Statistics 3550 or Mathematics 4650 or 4750.
(b) Statistics electives: 15 hours from upper-division statistics courses not listed in part (a) above.
(c) General Electives: 12 hours to be selected from no more than two of the following groups: Computer Science 2710, 3150, 3520, 3180, 4750, 4850, 4225; Industrial Engineering 3430, 3510, 3520, 3530, 4590; Industrial Management 4610, 4820; Mathematics 3780-90, 4060-70, 4510-20-30 (or 4518-28-38), 4660-70.

Minor:
(a) Required courses: 21 hours to consist of Mathematics 2840-50-60; Statistics 3450-60; Computer Science 4310.
(b) Statistics electives: 9 hours from upper-division statistics courses not in part (a) of the minor.

University Studies (964)
(Non-Departmental)
The University Studies Program has three objectives: 1) to foster interdisciplinary teaching and scholarship in the promotion of superior intercollegiate, general education; 2) to provide a mechanism for integration and synthesis within the university community; and 3) to nurture the personal and intellectual development of faculty and students. To these ends, the Program sponsors three themes.

1) Technology, Society, and the Common Good: Consists of 30 hours.
2) Land, People, and the Common Good: Consists of 30 hours.
3) Aging, Society, and the Common Good: Consists of 30 hours.

These ends, the Program sponsors three themes to provide a mechanism for integration and synthesis within the university community; and 3) to nurture the personal and intellectual development of faculty and students. To these ends, the Program sponsors three themes:

1) Technology, Society, and the Common Good: 1) Technology, Society, and the Common Good: 30 hours to consist of Mathematics 2840-50-60; Statistics 3450-60; Statistics 3550 or Mathematics 4650 or 4750.
(b) Statistics electives: 15 hours from upper-division statistics courses not listed in part (a) above.
(c) General Electives: 12 hours to be selected from no more than two of the following groups: Computer Science 2710, 3150, 3520, 3180, 4750, 4850, 4225; Industrial Engineering 3430, 3510, 3520, 3530, 4590; Industrial Management 4610, 4820; Mathematics 3780-90, 4060-70, 4510-20-30 (or 4518-28-38), 4660-70.

Minor:
(a) Required courses: 21 hours to consist of Mathematics 2840-50-60; Statistics 3450-60; Computer Science 4310.
(b) Statistics electives: 9 hours from upper-division statistics courses not in part (a) of the minor.

University Studies (964)
(Non-Departmental)
The University Studies Program has three objectives: 1) to foster interdisciplinary teaching and scholarship in the promotion of superior intercollegiate, general education; 2) to provide a mechanism for integration and synthesis within the university community; and 3) to nurture the personal and intellectual development of faculty and students. To these ends, the Program sponsors three themes:

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These ends, the Program sponsors three themes to provide a mechanism for integration and synthesis within the university community; and 3) to nurture the personal and intellectual development of faculty and students. To these ends, the Program sponsors three themes:

1) Technology, Society, and the Common Good: Consists of 30 hours.
2) Land, People, and the Common Good: Consists of 30 hours.
3) Aging, Society, and the Common Good: Consists of 30 hours.
biology; principles of human physiology. Must be taken in sequence. Prereq: One year of college chemistry. 3 hrs. and 1 lab.

3080 Human Anatomy (4) Gross and Microanatomy of the Human. Prereq: 1 year of introductory Biology course or Zoology 2920-30 or equivalent. 2 hrs. and 2 labs. (Does not carry credit for Biology or Zoology Majors).

3059 Comparative Vertebrate Embryology (5) Developmental morphology of selected vertebrates. 2 hrs. and 3 labs.

3060 Comparative Vertebrate Anatomy (5) Phylogeny and anatomy of organ systems. Dogfish shark and cat primarily used in laboratory. Three hrs. and 2 labs.


3080 Biology and Human Affairs (3) (Same as Botany 3080.)

3110 General Entomology (5) Introduction to insects; basic structure, development, behavior; classification of insect orders and representative families; interpretation and use of keys. 3 hrs. and 2 labs.

3150 Invertebrate Zoology (5) Biology of invertebrates (except insects) with emphasis on ecology and behavior. Prereq: Biology 3130. 3 hrs. and 2 labs.

3220 Physiology of Reproduction (3) (Same as Animal Science 2220.)

3320 Histology (4) Study of animal tissues. Prereq: Biology 3120. 2 hrs. and 2 labs.

3410 Bioethics (3) Relationship between biological discoveries and human values. Open discussion of selected dilemmas arising from new knowledge about medicine, behavior, resources, and technology.

3720 Ethology and Sociobiology (3) Basic concepts of the evolutionary approach to behavior with special reference to controversial issues in applications to psychology, the social sciences, and the arts. (Same as Psychology 3720.)

3880 Junior Seminar (1-3) Topic of current interest. May be repeated for credit with consent of department. Maximum 6 credit hours.

3920 Human Endocrinology (4) Basic course in human endocrinology with emphasis on the practical diagnosis of hormone levels for analysis of glandular function and treatment of endocrine abnormalities. Three lectures and 1 discussion. Prereq: course in physiology. (Does not carry credit in the Zoology major or minor.)

3990 Zoology Colloquium (1) Weekly discussions of contemporary interest. Open to sophomores, juniors, and seniors. Each Zoology major is required to take a minimum of one hour. Grading: S/N/C. May be repeated. Maximum 3 hours.

4008-9-10-11-12-13-14-16-17 Minicourse in Zoology (2,2,2,2,2,2,2,2) Selected, advanced topics in zoology, concentrated in time and subject matter. Consult departmental listing for actual topics offered. Prereq: As posted. May be repeated for credit. Maximum 12 hours.

4059 Developmental Biology (4) Experimental morphogenesis, fertilization, cellular interactions, hormonal effects, and related topics with examples drawn primarily from invertebrates and vertebrates. Prereq: 3050. 2 hours and 2 labs.

4102 Off-Campus Study (1-16) See page 185 and description of major concentration.

4110-20-30 Undergraduate Research Participation (2,2,2) Experience in active research projects under supervision of staff members. Prereq: Junior or senior standing and prior consent of instructor.

4140 Practicum in Zoology (1-3) Participation in practical application of zoology in community institutions, government organizations, and industry. Approximately 5 hours of involvement per week. Prereq: Biology 3110, 3120, 3130, and senior standing.

4190 Mammalogy (4) Classification, evolution, distribution, reproduction, populations, and behavior. 2 hours and 2 lab or field periods.

4200 Ichthyology (5) Classification, collection and identification, distribution, life histories, and economic importance of fishes. Prereq: Biology 2130 or consent of instructor. 2 hours and 2 lab or field periods.

4250 Environmental Physiology (4) Survey of physiological mechanisms in the animal kingdom and their relationships to animal ecology and to survival of animals in diverse environments. Prereq: Biology 3120-30, 2 years of chemistry.

4259 Comparative Animal Physiology Laboratory I (1) Coreq: 4250.


4269 Comparative Animal Physiology Laboratory II (1) Prereq: 3080 and consent of instructor; coreq: 4250.

4270 Immunology (3) (Same as Microbiology 4270.)

4280 Comparative Endocrinology (5) Comparative analysis of the physiology and morphology of endocrine glands in vertebrates and invertebrates. Their role and interaction in maintenance of the organism and species. Prereq: 3080 or equivalent. 3 hours and one 3-hour lab.

4290 Herpetology (4) Classification, distribution, life histories, collection, and identification of amphibians and reptiles, primarily of local species. 2 hours and 2 lab or field periods.

4300 Ornithology (4) Morphology, physiology, behavior, reproduction, populations, evolution, field identification. 2 hours and 2 labs or field periods.

4320 Microtechnique (4) 3220 recommended. 2 hrs. and 2 labs.

4330 General Cytology (4) Study of cellular organisms at the light and electron microscope levels and the functioning of these organisms. Prereq: Biology 3120.

4369 General Genetic Laboratory (2) Mainly Drosophila experiments designed to illustrate basic principles of inheritance. Prereq: Biology 3110. 2 labs.

4380 Organic Evolution (3) Modern concepts of animal evolution. Prereq: Biology 3110.

4390 Human Genetics (3) Principles and problems of inheritance in man. Prereq: Biology 3110.

4410 General Parasitology (4) The Parasitic Relationship: Ecological, evolutionary, economic, cultural, and historical. 3 hrs. and 1 lab. Prereq: Biology 3130 or consent of instructor.

4510 The Culture of Animal Cells (2) A course designed to teach advanced students animal tissue and organ culture methods. One lecture and one laboratory per week. Prereq: Biology 3110-20, and permission of instructor.

4660 Introduction to Aquatic Ecology (4) Introduction to the physiochemical nature of the inland waters. Biotic communities are described and their interrelationships explored. Prereq: Chemistry 1110-20-30 and Biology 3130. 2 hrs. and 2 labs.

4700 Arachnology (4) Biology of spiders, mites, scorpions, and relatives. Prereq: 3110 or 3150. 2 hrs. and 2 labs.

4720 Comparative Animal Behavior (4) Methods and principles. (Same as Psychology 4720.)

4729 Comparative Animal Behavior Laboratory (4) Laboratory and field studies. Coreq: 4720. (Same as Psychology 4720.)

4810-20-30 Insect Morphology and Taxonomy (4,4,4) Internal morphology of both generalized and specialized forms. 4820—Taxonomy of major orders. 4830—Taxonomy of minor orders and immature forms. Prereq for 4820-30: 3110 or consent of instructor. 2 hrs. and 2 labs.

4940 Physiology of Exercise (4) Functions of body in muscular work; physiological aspects of fatigue, training, and physical fitness. Prereq: 2920-30 or 3080. 3 hrs. and 1 lab.

4990 Perspectives in Zoology (4) A background and critical analysis of the discipline. A survey of the historical development and philosophy of biological science. Prereq: 2990. A study of scientific method of the past and present. Prereq for 4990: 2990. All important papers in the field and written reports will be required. (3 hours lecture, 1 hour discussion.) Prereq: senior standing.

GRADUATE
Consult the Graduate Catalog for listing of graduate level courses.
College of Nursing

The College of Nursing at The University of Tennessee, Knoxville, was established in July 1971 in response to a long-recognized need for nurses prepared at the collegiate level and as part of a statewide comprehensive plan approved for the University of Tennessee system by its Board of Trustees and for the state by the Tennessee Higher Education Commission. The undergraduate program offered by the college is accredited by the National League for Nursing. It combines the unique resources of the University with those of several cooperating health agencies in a manner which enables both faculty and students to become aware of and responsive to an evolving dynamic culture, rapid scientific and technological advances, and changing concepts of health, of human beings, and of society.

The baccalaureate nursing program has as its central focus and frame of reference the health needs of society, the goals of the program are to prepare graduates who are able to:

1. Assume beginning leadership positions in nursing in a variety of settings.
2. Work collaboratively with other health professionals.
3. Function as socially conscious and contributing citizens.
4. Pursue advanced education on either a formal or an informal basis.

GENERAL REQUIREMENTS

In order to obtain a Bachelor of Science in Nursing Degree, students are required to successfully complete 12 quarters of full-time study or their equivalent. Students may enroll in nursing courses following successful completion of clearly specified lower-division courses. These courses may be taken at The University of Tennessee or at any accredited junior or senior college or community college. One hundred eighty-nine quarter hour credits must be successfully completed in order for the student to be awarded the Bachelor of Science in Nursing Degree. Any student who achieves a grade of D or F will be required to withdraw from the program.

GRADING POLICY

The satisfactory-no credit option is not permitted for any nursing course except 3900.

The minimum acceptable grade for all courses in the nursing curriculum, other than electives, is a C; a course in which a grade of D or F is achieved may be repeated once. If a grade of D or F is achieved on the second attempt, the student will be required to withdraw from the program.

Any student who achieves a grade of D or F for more than two clinical nursing courses will be required to withdraw from the program even if previous courses in which the grades of D or F were achieved have been repeated and a grade of C or better has been awarded the D or F. Clinical Nursing courses are: 2800, 2810, 3010, 3210-20-40-60-80, 4110, 4230, 4260, 4280, 4510-20, 4760.

If a student receives an incomplete (I) for any nursing course, the Incomplete must be removed before the student may enroll in any other nursing course unless the I is awarded exclusively because of a reported writing deficiency. If a student's clinical laboratory performance for any nursing course is deemed unsatisfactory, the grade for that course will be an F regardless of any grades related to the theoretical component of the course. If the unsatisfactory clinical performance is characterized by dangerous, inappropriate, or irresponsible behavior, behavior which actually or potentially places the patient's or family's welfare in jeopardy, the student will be required to withdraw from the program.

ASSOCIATION AND PROGRESSION POLICIES AND PROCEDURES

1. High School applicants who are otherwise admissible to the University will be granted university student status with "nursing interest". All university students with a nursing interest will be assigned a faculty advisor from the College of Nursing.

2. Other high school applicants who are otherwise admissible to the University will be granted university student status with "nursing interest".

3. Pursue advanced education on either a formal or an informal basis.
212 College of Nursing/Degree Requirements

(3) University Students with an interest in nursing as well as students from other UTK colleges and schools may apply for association with the college by change of major after they have completed 45 quarter hours of university work with a cumulative GPA of 2.5 or higher. This change of major must include three quarters of English, three quarters of chemistry and one quarter each of mathematics, biology, psychology, and sociology. A grade of "C" or higher must be achieved in each of these courses. Applications for association with the college by change of major must be received in the Student Affairs Office no later than the fifth class day of January. Students will be notified about their status no later than the last working day of January.

(4) Transfer students from outside UTK will also be classified as university students with an interest in nursing. Once they are admitted to the university with that status they may also apply for association with the college by change of major after they have met the requirements stipulated in number 3 above.

(5) If the number of applicants exceeds the number of students that the college can admit each January, selections will be based on the cumulative GPA for all required lower-division courses completed. In other words, a GPA of 2.50 does not automatically qualify an applicant for association with the college. Rather, it makes the applicant eligible to be considered for association.

(6) During the academic year in which students expect to complete all lower-division requirements, a petition for progression to upper-division nursing courses must be submitted. Petition forms are available in the college’s Student Affairs Office, and must be submitted to this office no later than the fifth class day of January. Students selected for progression must successfully complete nursing 2800 prior to admission to the college. Only students selected for progression may enroll in Nursing 2800.

(7) If the number of students qualified to begin upper-division nursing courses exceeds the number that can be accommodated during the following fall quarter, the cumulative grade point average will be utilized to select those students who may enroll in upper-division nursing courses. Qualified students not selected are eligible to reapply for progression during the next review period.

(8) Registered nurses who apply for association with the college are automatically assured of association if they are admissible to the university. RN’s must complete all lower-division and nursing courses specified in the curriculum. They may take challenge or proficiency examinations whenever these are appropriate and available. RN’s who have completed two quarters of general chemistry with a grade of C or better in each course have satisfied the chemistry requirement if these courses were taken within ten years prior to their association with the college.

(9) Registered nurses must be within 18 hours of completing lower-division requirements before they may enroll in Nursing 2810. Nursing 2810 must be successfully completed prior to taking or challenging any other courses. The following nursing courses must be successfully completed by all RN’s: 2810, 3230-40-60, 4440-4680, 4760, 4860. Nursing 3110, 4110 and 4230 may be challenged.

COURSE LOAD

The maximum credit hours per quarter allowed for any student without special permission is 18.

BACHELOR OF SCIENCE IN NURSING CURRICULUM

The following curriculum leads to the Bachelor of Science in Nursing degree. A minimum of 189 quarter hours of credit is required.

FOR NON NURSES

Credit

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<tr>
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<td>English Composition</td>
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<td>Microbiology (laboratory required)</td>
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<tr>
<td>Genetics</td>
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<td>Nursing 2800</td>
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FOR REGISTERED NURSES

Credit

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<td>English Composition</td>
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<td>Mathematics</td>
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<td>Anatomy and Physiology</td>
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</table>

GRADUATE

General requirements for the Master of Science in Nursing degree are given in the Graduate Catalog. The following courses are open only to MSN degree candidates who have not completed an undergraduate major in nursing: 2410, 4200-10, 4260, 4280 and 4450.

2410 Integrated Biomedical and Health Science (1-6) Examination and application of selected theories from physics, cellular biochemistry, genetics, microbiology and nutrition to the nursing process. Five modules each carry one credit. Prereq: One year of biology or chemistry or consent of instructor.

2800 Introduction to Clinical Nursing (4) Theory and laboratory activities for development of cognitive and psychomotor nursing skills; emphasis on determinants of health, nurse-client interactions, and nursing assessment in non-acute health care settings. 3 hours and 1 lab. Prereq: All lower-division requirements and selection for progression to upper division; coreq: Biology 3110, Nutrition 3020, and Microbiology 2910-19. S, SS.

2810 Transition to Professional Nursing (4) Review of current status of profession; analysis of nursing process as applied to a shifting health care delivery system; exploration of UTK’s philosophy of professional nursing and of the conceptual framework of the baccalaureate program. 3 lectures, 1 lab. Prereq: RN status and completion of all lower-division requirements, or consent of instructor.
College of Social Work

Ben P. Granger, Dean
Roger M. Noce, Associate Dean and Acting Chair of the BSSW Program

Social Work is a helping profession which has developed in response to people's changing needs. It has been identified as one of the growth professions for the year 2000. The purpose of social work is to provide skilled intervention in the prevention and amelioration of individual and societal problems. It is a challenging and rewarding career involving the application of knowledge, skills, and professional values to assist individuals, families, groups, and communities in reaching their potentials. The primary objective of the undergraduate social work program is to prepare students for beginning social work practice. It is the purpose of the College to provide an education which fosters growth in both individual and career development.

The program prepares students for social work careers in such diverse areas as schools, youth programs, family service agencies, nursing homes, courts, mental health centers, and welfare agencies. The degree provides graduates a competitive advantage in many jobs, the possibility of up to one year's standing in some master's degree programs in social work, and the potential to be licensed in a number of states throughout the nation.

The social work curriculum builds on a strong liberal arts base. The humanities and the social and behavioral sciences are emphasized to help students understand human diversity and the transactions between people and their environment. The curriculum combines classroom experience and agency-based field placements. Courses provide a knowledge base in social work practice, theory, human behavior, social welfare policy, and research. Educationally directed field placements, which consist of over 400 clock hours of supervised field instruction in agency settings throughout greater Knoxville, provide extensive and challenging opportunities for students to apply the lessons of the classroom to the problems of society. The program is accredited by the Council on Social Work Education.

The College of Social Work had its beginning as the Nashville School of Social Work in 1942, offering the master's degree. Vanderbilt University provided administration for the program, appointed the faculty, and awarded the first two master of science in Social Work degrees in June 1944. The school was accredited in 1945. It was transferred to the University July 1, 1951, becoming the University of Tennessee School of Social Work. The school continued to offer only the MSSW degree, but by the 1960s had established branches in Knoxville and Memphis. In 1973, the headquarters of the school was moved from Nashville to the main campus at Knoxville. A Ph.D. program was added in September 1983.

The undergraduate social work program (BSSW) started in 1982 in the College of Liberal Arts. In that year the Tennessee Higher Education Commission approved the program and in June 1983, ten students graduated with a BSSW degree. It was granted initial accreditation by the Council on Social Work Education in January 1984. The program was transferred to the School of Social Work in September 1985; shortly thereafter the school became the College of Social Work. The three programs represent the full continuum of social work education.

FACILITIES

The College of Social Work is housed in Henson Hall, located on the corner of Cumberland Avenue and Volunteer Boulevard. This building houses the administrative and faculty offices, along with classrooms for the BSSW, MSSW and Ph.D. programs. Video and computer resources are available to facilitate instruction.

GRADUATE PROGRAM

The College of Social Work offers a fully accredited two year graduate professional degree at the master's level (MSSW). The College also offers a graduate program leading to a Doctor of Philosophy in Social Work (Ph.D.). Information concerning graduate programs is given in the College of Social Work Bulletin and also in the Graduate Catalog.

ADVISING

Students who express an interest in the social work major are assigned an advisor by the Chair of the BSSW program. The advisor assists students in course selection.

MAJOR REQUIREMENTS

B.S. Major. Consists of 61 hours in professional foundation courses: Social Work 2000 (4), 2500 (3), 3400-10 (4,4), 4103 (3,3), 3110-4120-30 (4,4,4), 4200 (4), 3500-10 (4,4,4), 4520-30 (8,8) which must be taken in sequence; 19 hours in the corequisite courses Human Services 3200 (4), Sociology 3910-20 (4,4), Child and Family Studies 3515 (3), and an Economic elective (4); and 27 hours in the required courses, Zoology 2510-30-30 (12), Anthropology 2530 (4), Political Science 2520 (4), Psychology 2540 (3), and Women's Studies 2010 (4).

BACHELOR OF SCIENCE IN SOCIAL WORK CURRICULUM

Freshman

<table>
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<th>Hours Credit</th>
<th>English 1010 or 1011; 1020, 1051, 1032 or 1033... 9</th>
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<td>Economics (2510)... 4</td>
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<td>Child and Family Studies 3515... 3</td>
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</table>
COURSE LOAD

The maximum credit hours per quarter allowed for any student without special permission is 19. The Associate Dean of the College must give permission to take 20 hours or more.

SOCIAL WORK (906)

Administration:

Ben P. Granger, Dean and Professor of Social Work. Ph.D., Brandeis University; The Florence Heller School for Advanced Studies

Chair. D.S.W., Tulane University

Professors:

Gideon W. Fryer, Ed.D., Columbia University; Ben P. Granger, Ph.D., Brandeis University; Roger M. Nooe, D.S.W., Tulane University

Associate Professors:

Thomas Cruthirds, D.S.W., Tulane University; Catherine A. Faver, Ph.D., University of Michigan; Ellie Moses, D.S.W., University of California, Berkeley; Frank J. Spicuzza, M.S.W., University of Tennessee; Ann R. Wachter, M.S.W., University of Tennessee; Paul G. Zarbock, M.S.S.W., University of Wisconsin

Assistant Professors:

Jannette Jennings, Ph.D., University of Michigan; Denzel C. Johnston, M.S.W., University of California, Berkeley; Margaret P. Strong, M.S.W., Tulane University; Vicki G. Williams, M.S.W., Howard University

2000 Introduction to Social Work (4) Introduction to the profession of social work. Designed to assist students to develop an awareness of the knowledge, skills, and values of the social work profession, and to consider their ability for a career in social work.

2500 Social Welfare (3) The development, structure and function of the social welfare institution. Emphasis on changing human needs and the organized societal response. Focus on how and why our present social welfare system developed and presently functions.

3110 Social Work Practice I (4) Examines the knowledge, values, and skills required for entry level practice in a variety of human service settings. Particular attention will be on the contact stage of the social work problem solving process. Different size and diverse client systems, ethnic-sensitive assumptions, and the workers regard for the person-environment configuration will be considered. Prereq: Preliminary association with major.

3400 Human Behavior and the Social Environment I (4) Examines the impact of such conditions as ethnicity, racism, sexism, and socio-economic status on individual growth and behavior. Specific focus is on the application of this knowledge to social work practice. To be taken in sequence. Prereq: Preliminary association with major.

3410 Human Behavior and the Social Environment II (4) This course continues to develop the framework presented in Social Work 3400 and examines how the biological, psychological, social-structural, and cultural determinants of human behavior contribute to the development of one's human diversity as individuals move through the life cycle. Difference in the activities and characteristics of members of diverse groups will be viewed as equally valid attempts to perform life tasks and meet common human needs. Prereq: Social Work 2000 and 3400.

3500-10 Field Practice in Social Work I, II (4,4) An eight-hour-per-week, supervised field experience in which students can apply classroom material to practice situations in order to develop professional skills, values, and attitudes. Each week a faculty led seminar focuses on the integration of knowledge with practice experiences. Prereq: Preliminary association with the major.

4101 Foreign Study (1-16) See page 161.

4102 Off-Campus Study (1-16) See page 161.

4103 Independent Study in Social Work (3) Provides the opportunity to develop a research proposal and follow through with an investigation of an area in social work in which the student has an interest. Ongoing faculty guidance, supervision, and evaluation is required. Prereq: Full association with the major.

4120 Social Work Practice II (4) This course is the second offering in a sequence of three courses which examines the knowledge, skills, and values required by entry level professional social workers who work with multiple size and humanly diverse client systems. Special attention is focused on the contract stage of the social work problem solving process. Prereq: Full association with the major.

4130 Social Work Practice III (4) Essential theory, values, and skills of professional social work intervention. Emphasis on direct social work practice with individuals, groups, and families. Specific focus on professionalism with clients characterized by social and economic deprivation. To be taken in sequence. Concurrent skills laboratories. Prereq: Full association with major.

4200 Social Welfare Policies and Issues (4) Specific social welfare policies examined in depth in relation to human needs, structure, program, and service approaches. Special focus on developing an analytical framework and social change efforts. Prereq: Full association with major.

4520-30 Field Practice in Social Work III, IV (8,8) A sixteen-hour-per-week supervised agency field practicum in which students learn how to integrate theory and practice and critically examine use of self as a professional helping person. Weekly faculty directed seminars.
Independent Departments

Department of Air Force Aerospace Studies

Air Force ROTC Program

Professor of Air Force Aerospace Studies:
Colonel Arthur W. Ahl (Head), M.S. Troy State.

Assistant Professors:
Captain Robert J. Dowd, M.S., University of Southern California; Captain Richard E. Lee, M.S., University of Southern California; Captain M. K. Chaney, M.A., Webster College.

PURPOSE

The Air Force Reserve Officers Training Corps (AFROTC) is an educational program designed to provide the college student an opportunity to earn an Air Force commission as a second lieutenant while completing the University requirements for a bachelor’s degree. The program provides education that will develop the skills and attitudes vital to the professional Air Force officer. Upon successful completion of the program and graduation from the University, students are commissioned as second lieutenants and they enter active duty.

THE PROGRAMS

The Four-Year Program: Students entering the Four-Year Program may register for the program at the same time and in the same manner as they enroll in their other college courses and there is NO MILITARY OBLIGATION. During their freshman and sophomore years, students enroll in the General Military Course (GMC). They then may compete for entry into the Professional Officer Course (POC) which is normally taken during the last two years of college. Selection into the POC is highly competitive and is based on qualification on an Air Force medical examination, scores achieved on the Scholastic Aptitude Test (SAT) or American College Test (ACT), scores achieved on the Air Force Officer Qualifying Test (AFOQT), successful completion of a four-week field training course at an Air Force base, and the recommendation of the Professor of Aerospace Studies.

The Two-Year Program: The Two-Year Program consists of the Professional Officer Course (POC), the last two years of the Four-Year Program. It is designed to provide greater flexibility to meet the needs of students desiring Air Force opportunities. The basic requirement is that applicants have two academic years remaining at either the undergraduate or graduate levels, or a combination of both. After being nominated by a Professor of Aerospace Studies, applicants seeking enrollment in the Two-Year Program are evaluated on scores achieved on the AFOQT, the Air Force medical exam, and a personal interview by a board of Air Force officers. Additionally, every POC applicant must agree to take and successfully complete a course in mathematical reasoning or its equivalent before graduation and commissioning.

Since the processing procedure must be completed approximately six months in advance of intended enrollment, interested students must apply early in the academic year preceding the fall term in which they intend to enter the program. Application should be made in person to the Professor of Aerospace Studies.

WOMEN IN AFROTC

AFROTC at The University of Tennessee has been coeducational since 1970. Women complete the same courses as men and have the same opportunities. Upon successful completion of the AFROTC program and degree requirements, women are commissioned in the Air Force as second lieutenants. Pay and job opportunities are equal for women and men. Virtually all career fields in the Air Force are open to women, including pilot and navigator positions.

THE COURSES

The General Military Course (GMC): This is a two-year course taken during the freshman and sophomore years with one hour of academic instruction and one hour of Leadership Laboratory a week. The curriculum covers two main themes—the mission and organization of the Air Force, and the development of air power. These courses are open to any student enrolled in the University, and there is no military obligation associated with taking them.

The Professional Officer Course (POC): This is a two-year course of instruction normally taken during the junior and senior years with three hours of academic instruction and one hour of Leadership Laboratory a week. The curriculum covers Air Force management and leadership and American defense policy. Admission is not automatic but is limited to fully qualified students selected by the Air Force ROTC staff.

Leadership Lab: Leadership Lab involves cadet participation in, and cadet direction of, corps leadership activities. It is largely cadet planned and organized in line with the premise that leadership training experiences will improve a cadet’s ability to perform as an Air Force Officer. The freshman and sophomore Leadership Lab program involves initial Leadership Lab experiences such as: preparing the cadet for individual, squadron, and flight movements in drill and ceremonies; customs and courtesies to include wearing of the uniform and saluting the flag; career opportunities; educational benefits and training problems; environment of the Air Force officer to include the military community, organizations, and functions; and preparation for field training. The junior and senior Leadership Lab program involves the cadets in advanced leadership experiences. The cadets will be responsible to a large degree for planning, organizing, directing, coordinating, and controlling the activities of the cadet corps; for preparing briefings and written communication; and to provide interviews, guidance, information, and other services which will increase the performance and motivation of other cadets.

Field Training: Every AFROTC cadet or applicant is required to attend a summer camp, called field training, normally between the sophomore and junior years. Cadets in the Four-Year Program attend for four
weeks, while Two-Year Program applicants attend for six weeks. The curriculum consists of aircraft, aircrew, career and survival orientation, physical training, small arms training, a social action program, and supplemental training. Field training is conducted at a number of Air Force bases throughout the United States. Individuals going to travel pay to and from the Air Force base, each cadet or applicant is paid for attending field training.

Flight Training: Flight training is offered for cadets who are AFROTC candidates who are AFROTC cadets. The cadet receives 13 hours of flight instruction.

UNIVERSITY CREDITS
The following credits are granted for Air Force Aerospace Studies work and are creditable toward a degree in some colleges. Aerospace Studies 1200 series (Freshman)—6 quarter hours per year Aerospace Studies 2200 series (Sophomore)—6 quarter hours per year Field Training Academics (Sophomore)—6 quarter hours Aerospace Studies 3200 series (Junior)—9 quarter hours per year Flight Instruction Ground School—3 quarter hours Aerospace Studies 4200 Series (Senior)—9 quarter hours per year.

SCHOLARSHIP PROGRAM
Air Force ROTC Scholarships are available to qualified applicants in both the Four- and Two-Year Programs. Each scholarship provides full tuition, laboratory and incidental fees, and book fee. In addition, scholarship cadets receive a non-taxable $100 each month during the school year while on scholarship status. High School Students: Competitive four-year scholarships are available to high school male and female students who enroll in certain scientific and engineering career fields. Some scholarships are also available to male and female students who enroll in certain non-technical majors. Four-year scholarship applications are contained in the "Air Force ROTC/Collge Scholarship Program Application Booklet." Booklets may be obtained directly from Air Force ROTC Public Affairs, Maxwell, AFB, AL 36112.

College Students: Other scholarship opportunities exist for students already in college. Four-, three-, and two-year scholarships are available on a competitive basis and the student must have at least four, three, or two undergraduate or graduate years of study remaining in order to compete. Applications for these scholarships should be made directly to the Professor of Aerospace Studies.

In order to retain an AFROTC scholarship, students must maintain the minimum grade point average prescribed by the university and they must take and complete an English composition course. In addition to receiving the GMC.

PAY AND ENTITLEMENTS
All cadets enrolled in AFROTC are furnished texts and uniforms. Enrollees are required to deposit $75 as security to the University against loss or damage to the uniforms and textbooks. Enrollees are required to deposit $75 as security to the University against loss or damage to the uniforms. Enrollees are completing the GMC.

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In order to retain an AFROTC scholarship, students must maintain the minimum grade point average prescribed by the university and they must take and complete an English composition course. In addition to receiving the GMC.
ENROLLMENT AND CONTINUANCE REQUIREMENT
The general requirements for enrollment and continuance in the Army ROTC program are:

1. **Basic Military Studies**
   a. Be a citizen of the United States.
   b. Be physically qualified.
   c. Freshman and Sophomore standing. Student with higher standing requires consent of instructor.

2. **Advanced Military Studies** Cadets applying for enrollment in the Advanced ROTC program who seek a Commission must:
   a. Have successfully completed MS 1110, 2110, 2120 or have accomplished one of the following: Prior Military Service, ROTC Basic Summer Studies, 3 Year High School ROTC Basic Course.
   b. Have two academic years of college remaining (either graduate or undergraduate).
   c. Be enrolled as a full-time student, either a: The University of Tennessee or at a nearby institution in a cooperative program.
   d. Meet military screening and physical requirements.
   e. Maintain a 2.0 G.P.A.
   f. Maintain B average in Military Science Courses as a scholarship student.

NOTE: Regularly enrolled students who meet the academic prerequisites and do not desire a commission may take individual courses as electives with the permission of the department head and academic advisor.

PLACEMENT CREDIT FOR MILITARY TRAINING
On the basis of previous honorable active military service in any branch of the Armed Services, or participation in a Junior ROTC Program at a Secondary School, a student may request exemption from portions of the Basic Course. Exemption allowed will be determined by the Professor of Military Science.

SPECIAL PROGRAMS

1. **ARMY ROTC SCHOLARSHIP PROGRAM**
The Army ROTC scholarship program offers financial assistance to outstanding young men and women in the Army ROTC program who are interested in the Army as a career. Each scholarship provides for free tuition, textbooks subsidy, and laboratory fees in addition to a subsistence allowance of $100 per month for the period that the scholarship is in effect. Scholarships may be awarded for either two, three or four years.

High school seniors should contact their guidance counselors early in August or September of their senior year to apply for the four-year scholarship. Two- and three-year scholarship applicants should contact the Professor of Military Science for further information. Certain other privately financed scholarships and grants are available to ROTC cadets.

2. **EARLY COMMISSIONING PROGRAM**
   By utilization of placement credit for the Basic Military Studies, many cadets enter Advanced Military Studies in either their freshman or sophomore year. The "ECP" enables cadets who complete the ROTC program to be commissioned in a reserve component prior to awarding of a baccalaureate degree. These newly commissioned officers begin their military service in the Army Reserve or Army National Guard while still enrolled in college pursuing a four year degree.

3. **SIMULTANEOUS MEMBERSHIP PROGRAM**
The "SMP" option combines the Army ROTC living allowance ($100/mo.) with membership in the Army Reserve or Army National Guard and allows the student to receive pay from both programs. ROTC cadets serve as "officer-trainees" in direct leadership/management positions. SMP cadets participate with the reserve forces one weekend per month and two weeks each summer.

PAY AND ENTITLEMENTS
All students enrolled in the Army ROTC program are furnished texts by the Army through the Military Property Officer. Students enrolled in the Advanced ROTC Living Allowance Program receive an allowance or $100 per month during the academic year. While attending the ROTC summer studies each cadet receives approximately $650 for Advanced Summer Studies, $490 for Basic Summer Studies, plus meals and clothing are provided.

BRANCH SELECTION
The curriculum of the Army ROTC Program is designed to qualify the cadet for appointment as an officer. Selection for assignment to the various branches of the Army is based upon:
1. The personal interests of the cadet.
2. The major course of study.
3. Academic accomplishment.
4. Leadership potential.
5. The needs of the Service.

Under this system a cadet may be commissioned in any branch for which he or she is qualified and in which a need for officers exists. After graduation and commissioning, the officer will attend a service school for further specialized military training which will qualify him or her for the branch to which he or she is assigned.

EXTRA CURRICULAR ACTIVITIES
Numerous military-related activities are available to cadets throughout the school year. These include the Tennessee Rangers, Rifle Company, UT Color Guard and Sponsor Corps. These organizations provide both physical application and training experiences in military skills of marksmanship and mountaineering. Prereq: Freshman or sophomore standing. Student with higher standing requires consent of instructor.

1120 Historical Evolution of the U.S. Army, 1775-1865
   (1) Historical survey of the organization and accomplishments of the U.S. Army from the birth of our Nation to the opening of the Spanish-American War. Prereq: 1110. F, W, S.

1130 Historical Evolution of the U.S. Army, 1917-Present
   (1) Historical survey of the organization and accomplishments of the U.S. Army. Presents the history of the Army with attention to both peace time and wartime achievements as well as discussion of applications and violations of the principles of war. Prereq: 1110. F, W, S.

2000 Army ROTC Basic Summer Studies (6)
   Role of the United States Army as a component of our National Defense system with particular attention on mission, organization, functions of the various branches of the Army, and our national resources. Concentrated study of the techniques of military planning, elements of successful leadership styles, the development of personal and interpersonal skills, the management of organizations and factors affecting human behavior. (44 hours of instruction are presented each week). Conducted at Fort Knox, Kentucky by faculty from 4-year colleges and universities participating in the Army ROTC program. This course is taken in lieu of all or part of the Army ROTC Basic Program (MS 1110, MS 2110, MS 2120). Students may not receive more than a total of 9 credit hours for any combination of MS 2000 and MS 1110, MS 2110, MS 2120. Successful completion of MS 2000 qualifies an individual for admission to the Advanced Military Science Program. SU.

2110 Leadership and Development Techniques (3)
   A survey of leadership theories and principles with particular attention to communications skills and factors affecting human behavior. Development of leadership qualities through practical exercises requiring both individual and group participation. Prereq: 1110. Freshman or sophomore standing. Student with higher standing requires consent of instructor.

2120 Basic Officer Skills (3) Emphasis on small unit operating techniques to include familiarization with military equipment, navigation, leadership, and drill and ceremony. 3110-F, W; 3120-W. 44 hours of instruction are presented each week. Conducted at Fort Knox, Kentucky by faculty from military schools and universities participating in the Army ROTC program. This course is taken in lieu of all or part of the Army ROTC Advanced Program (MS 4110, MS 4120). Successful completion of MS 2120 qualifies an individual for admission to the Advanced Military Science Program. SU.

3110-20-30 Advanced Leadership and Management (4,4,4)
   Applied leadership to include organization and operation of military units, electronics communication systems and radio/telephone procedures, land navigation, small unit leadership, and tactical concepts of offensive and defensive operations. A quarterly field trip reinforces classroom instruction through practical application. Leadership lab: Tactical and life skills training in the military unit, physical readiness training, and drill and ceremony. 3110-F, W; 3120-W; 3130-S.

4000 Army ROTC Advanced Summer Studies (6)
   A six-week field study program conducted at an Army installation in the continental United States. Typically, 44 hours of instruction are scheduled each week. A prerequisite to commissioning. Normally scheduled upon completion of 3130. Instructed presented by ROTC faculty from colleges and universities nationwide. Program of study is an extension of leadership and management concepts with an emphasis on practical application. Prereq: 3130. SU.

4110 Military Professional Ethics and Leadership (4)
   Analysis of the military professions characteristics, roles, responsibilities, and ethics; staff operations; military intelligence, logistics, personnel evaluation and senior/subordinate relationships are also addressed through practical application. Prereq: 4000 or consent of instructor.
4120 Introduction to Military Justice (4) Basic tenets of military law and justice to include the Manual for Courts-Martial, the Uniformed Code of Military Justice, disciplinary measure, search and seizure, investigations, administrative proceedings, the Law of Land Warfare, interviews and interrogations, and legal assistance. Leadership Lab: Planning, execution and supervision are stressed through practical application. Prereq: 4110 or consent of instructor. W.

4130 Officership (4) Drafting and reviewing military correspondence, training management, post and installation support, and world power balance are addressed. Leadership Lab: Personnel evaluation, supervision and staff operations are stressed through practical exercise. Prereq: 4120 or consent of instructor. S.
Public Service and Continuing Education

R. S. Hutchison, Vice President for Public Service and Continuing Education

Institute for Public Service
Executive Director:
T. B. Ballard, B.S. Tennessee.

Assistant Director:
J. Muscatello, Jr., M.P.A. West Virginia.

Business Manager:
G. W. Baskette

Executive Assistant:
C. E. Shoopman, Jr., B.A. Vanderbilt

Business Assistant:

Computer Programmer Analyst:
L. D. Brothers, B.S. Tennessee

The Institute for Public Service was established in 1971 within the Office of the Vice President for Public Service. The purpose of the Institute is to coordinate and promote public service activities throughout the University system, excluding services provided through the Institute of Agriculture.

Public Service at The University of Tennessee includes all services offered to those outside the University, including teaching in certain non-degree situations, technical assistance, and applied research which is conducted specifically at the request and for the benefit of non-University organizations in Tennessee.

The Institute provides: (1) a system-wide focal point for public services; (2) a means to coordinate the various system-level public service activities; and (3) an organizational base for communication and program development that relates to both outside service clientele and the University system.

The Institute is headquartered in Knoxville and maintains regional offices in Cookeville, Jackson, Johnson City, Martin and Nashville.

The Institute comprises the system-level public service operations listed below.

County Technical Assistance Service
Executive Director:
J. H. Westbrook, Jr., B.S. Tennessee.

Assistant Director:
R. M. Wormsley, B.S. Cumberland.

Assistant Director for Financial Administration:
T. D. McAnulty, M.A. Austin Peay State.

Legal Specialists:
P. C. Davis, J.D. YMCA Law School; R. E. Fults, J.D. Tennessee; M. A. Murphy, J.D. Tennessee; B. M. Thompson, J.D. Tennessee.

Financial Specialists:
R. L. Adkins, B.S. Bethel; M. D. Patterson, B.S. Tennessee; C. R. Phibbs, M.E. Vanderbilt.

Intergovernmental Consultant:
G. A. Fouts, B.S. Georgia.

Senior Field Advisors:

County Field Advisors:
W. M. Malone, B.S. Lambuth; F. D. McKee, M.S. Tennessee.

Special Projects Coordinator:
M. J. Frank, B.A. Tennessee.

Management Systems Specialist:
R. H. Viller, B.S. East Tennessee State.

The County Technical Assistance Service was established by the Board of Trustees at the 1973 mid-year meeting and began operation September 1, 1973. Establishment of the Service was authorized by the 88th General Assembly for the purpose of providing "studies and research in county government, publications, educational conferences and attendance thereat, and to furnish technical, consultative, and field services to counties of the state in problems relating to fiscal administration, accounting, tax assessment and collection, law enforcement, improvements, and public works, and in any and all matters relating to county government. This program shall be carried on in cooperation with and with the advice of counties in the state acting through the Tennessee County Services Association and its Board of Directors, which is recognized as their official agency or instrumentality."

The Service is headquartered in Nashville, with regional offices in Cookeville, Jackson, Johnson City, Martin and Knoxville.

Municipal Technical Advisory Service
Executive Director:
C. L. Overman, M.C.M. East Tennessee State

Assistant Director:
W. K. Jones, B.S. Tennessee Technological.

Assistant to the Executive Director:
W. J. Walsh, M.P.A. Tennessee.

Specialist Consultants:
R. M. Ellis, M.C.M. East Tennessee State (Public Safety); S. D. Hemsley, J.D. Tennessee (Municipal Law); D. W. Huffer, J.D. Tennessee (Intergovernmental Relations); P. S. Jones, M.A. Bowling Green; J. Kerah, B.S. Tennessee (Municipal Information); F. E. Kirk, B.S. in C.E. Southern Methodist (Public Works); J. H. Leuty, B.S. Tennessee Polytechnic (Finance and Accounting); A. C. Lock, Jr., B.S.C.E. Oklahoma State (Public Works); D. W. Owbray, J.D. Tennessee (Ordinance Codification); M. T. Pentecost, B.S. Murray State (Finance and Accounting); E. Puett, J.D. Tennessee (Municipal Law).
The Center for Industrial Services has the primary role of assisting Tennessee’s manufacturing firms by providing technical and managerial assistance to those companies seeking assistance. By the Tennessee Public Acts of 1963, the assigned objectives for the Center are “to render service to the industries in this state by providing information, data, and materials relating to the needs and problems of industry which might be supplied and solved through research; by providing information about available research facilities and research personnel in Tennessee colleges and universities, and in governmental and private research laboratories; by keeping Tennessee’s industries informed about the supply of and demand for trained qualified personnel; and by cooperating with the Tennessee Department of Economic and Community Development in carrying out its duties.

This statewide program encourages and assists managers of Tennessee firms to draw upon the intellectual resources of the colleges and universities to upgrade the firm’s performance. Field engineers experienced in manufacturing operations take the initiative in encouraging the upgrading and expansion of management in their plant environment.

The Center for Industrial Services is headquartered in Nashville. Regional offices are maintained in Cookeville, Jackson, Johnson City, Martin, and Knoxville.

**Center for Government Training**

**Executive Director:**
Q. M. Mabrey, III, M.C.M. East Tennessee State.

**Assistant Director:**
M. H. Lewis, M.B.A. Tennessee.

**Program Administrators:**
Q. T. Hurnes, Jr., B.S. Belmont; R. E. Schettler, M.P.A. Tennessee.

**Regional Director:**
D. R. Waynick, B.S. Lambuth

**Senior Regional Manager:**
J. W. Fort, M.A. Austin Peay State.

**Regional Managers:**
D. R. Upton, B.S. Tennessee; C. E. Williams, M.P.H. Tennessee.

**Coordinator:**
M. S. Riggbee, B.S. Christian Brothers.

The Center for Government Training has responsibility for providing professional assistance and establishing training and career development programs for state and local government officials and employees throughout the state. Headquarters is located in Nashville, but regional offices are also maintained in Jackson and Knoxville. The Center is charged with identifying and analyzing needs for public service education and training at the state and local levels in Tennessee, and with developing and conducting programs for training of public agency employees, working with institutions of higher education in the state and other educational facilities. The Center acts as a clearinghouse for information relative to public service personnel education and training programs.

**Critical Care Education Center**

**Director:**
N. J. Shepard, B.S. Middle Tennessee.

**Assistant Director:**
P. P. Vaughan, M.S.N. Vanderbilt.

**Coordinator:**
V. S. Rice, Ph.D. Vanderbilt.

The Critical Care Education Center, created in 1971 by the Middle Tennessee Hospital Council, became a part of the former UT Nashville campus in 1973. Following the merger of UTN and Tennessee State University in 1979, the Center was moved to the Institute of Critical Care.

The Center provides: (1) a monthly series of one-hour videotape courses used to keep hospital personnel updated on the latest developments in critical care; and (2) a four-week, 140-hour critical care course that provides certification required by the Joint Commission on Accreditation of Hospitals for registered nurses to staff and intensive care units.

**Division of Continuing Education**

Charles W. Hartsell, Assistant Vice President for Continuing Education, Administration

Raymond A. Shirley, Assistant Vice President for Continuing Education, Media

The Division of Continuing Education is responsible for the development and coordination of all statewide continuing education programs. The Division is concerned with developing (establishing) policy that will extend educational opportunities, including attainment of college degrees, to qualified students of all ages and walks of life who pursue knowledge outside the traditional campus setting. All statewide continuing education programs of the University should be coordinated through the Division.

Information concerning continuing education programs of the various campuses is set forth in the respective catalogs. Information on continuing education programs of The University of Tennessee, Knoxville, is given on page 92 of this catalog.

**Center for Extended Learning**

**Director:**

**Associate Directors:**
D. F. Holden, Ph.D. Kansas;
B. W. Wallace, M.S. Tennessee; R. H. Considine, Ph.D. Tennessee.

The UT Center for Extended Learning is a department which supports the extension of existing courses and new learning opportunities beyond the primary campuses of The University of Tennessee. The Center utilizes various communication and teaching media — correspondence courses, videotape, broadcast and closed-circuit television, audiotape, radio, and conferences — to provide learning opportunities to individuals and groups.

CEL extends college credit courses, non-credit courses, and high school courses for qualified people in the most accessible locations: their homes, local schools, and job sites. Through the Center for Extended Learning, The University of Tennessee is able to overcome geographic limitations in performing its services as Tennessee’s land-grant institution for higher education.

For information on enrollment, costs, books, and credit, write: Center for Extended Learning, 420 Communications and University Extension Building, The University of Tennessee, Knoxville, Tennessee 37999-0300. Telephone: (615) 974-5135.
Radio Services

Director:
R. A. Shirley, M.A. Tennessee.

Managing Director:
S. D. Williamson, Jr., M.S. Tennessee.

Associate Directors:
J. A. Chasteen;
N. L. Dryer, B.M. Indiana.

Assistant Director:
J. C. Adkins, M.S. Tennessee.

Production Manager:
P. K. Doyle, M.S. Tennessee.

Staff:

Radio Services provides local, regional, and statewide services in radio broadcasting and audio production. It directs the operation of WUOT, the University's 100,000-watt stereo FM station in Knoxville and assists with WUTC, the University's 50,000-watt FM station in Chattanooga. These stations operate 24 hours a day with varied programs of music, news, public affairs, discussion, drama and documentaries from local, state, national and international sources. The stations are members of the National Public Radio Network.

The department has a technical service which includes high-speed duplication of reel-to-reel or cassette audio tapes for University departments, recording conferences and workshops, audio production, and consulting work in audio or public radio technology.

Center for Educational Video and Photography

Director: E. B. Matthews, M.A. Ohio State.

Associate Director:
E. B. Robertson

Assistant Directors:
D. L. Bower; N. W. Myers.

Production Manager:

Chief Engineer:
M. L. Battershell.

Assistant Chief Engineer:
T. W. Owens, E.S. Indiana.

Media Production Assistant:
S. C. Moore

Senior Communications and Electronics Technician:
D. J. Hamilton, B.S. Tennessee (Martin)

Producers:

Artist:
M. C. Thurman.

Camera Operator:
F. E. Gilbert

Laboratory Photographer:
R. J. McDougald, B.A. Tennessee.

Senior Photographic Technician:
R. A. Johnson.

Photographic Assistant:
C. S. Sharp.

The Center for Educational Video and Photography was created through the merger of the former Department of Television Services and the Department of Photographic Services. CEVP was established to provide the production and technical resources needed to supply the University community with professional photographic and video services. The Center's visual services range from studio still photography to the production and distribution of video programming via satellite.

Even though CEVP is headquartered in Suite 91 of the Communications and University Extension Building at UT, Knoxville, the Center provides its services to all campuses and entities of The University of Tennessee. Thus, University personnel throughout the state may call upon the resources of the Center for Educational Video and Photography to provide still photography, motion picture, or video services.
The University Library

The University Library

Donald R. Hunt, Director
Betty G. Bengtson, Associate Director/Technical Services; Marcia J. Myers, Associate Director/Administrative Services; Aubrey H. Mitchell, Associate Director for Public Services.

Professors:

Associate Professors:

Assistant Professors:

Instructors:

The UTK Library, as the premier library of the state, seeks to acquire and service all necessary recorded information, both print and non-print, that meets the needs of The University's teaching, research, and service programs.

The books, periodicals, non-print and any other materials contained in the four UTK library units are available to all students, faculty and staff of The University of Tennessee, Knoxville. Included among the holdings are 1,524,127 books, 1,828,597 microforms, 7,280 audio tapes, 134,038 slides, 1,950 video tapes, more than 27 million manuscripts, and various historical ephemera, maps, and oral history tapes. More than 18,000 periodical and serial titles are received annually.

The library in its five locations is open to all students and faculty, regardless of their fields of study. The James D. Hoskins Library at 1401 West Cumberland is the main library where administrative and technical services offices are located. The dictionary catalog, listing the library holdings for the entire campus, is in Main, as are the general and research collections, comprehensive reference, interlibrary services, documents, newspapers, microforms, computerized information services, and Special Collections, the last a repository of local and regional source materials.

The John C. Hodges Undergraduate Library, now under extensive alteration and expansion, will become the central library when an addition of 250,000 square feet is completed, perhaps by 1987. Library services for the undergraduate are continuing in the heart of campus: Reserve, non-print, and the film office are located in Dunford Hall; UGL administration, circulation, periodicals, reference and systems are in the Humanities and Social Sciences Building.

Other libraries serving specialized areas are Agriculture-Veterinary Medicine in the Veterinary Medicine building and Music in the Music Building.

The libraries are administered by a director, associate directors for public, technical, and administrative services) and a number of department heads. Questions and comments are invited in person or through the suggestion boxes located in each library. Continuing evaluation and building of the collections is the responsibility of the collection development librarian. While most materials are selected by faculty, recommendations for purchase are invited from all students and staff.

"Library Guides" are available in all library units, describing library services and facilities.
The University of Tennessee Computing Center (UTCC) provides computing facilities and services for the University's teaching, research, public service, and administrative activities. UTCC offices and principal computing facilities are located on the first two floors of the Stokely Management Center (SMC) and on the P2 level and first floor of Andy Holt Tower.

Located at SMC are an IBM 3081-D, an IBM 4341/3, two DEC VAX-11/785s and a VAX 8600 in a VAXcluster, a DECsystem-10, and a DEC PDP 11/4455 which supports the Computer Access for Education (CAFE) system.

The IBM 3081-D and the IBM 4381/3 each have 16 million bytes of memory. Each VAX 785 has 8 million bytes of memory and the VAX 8600 has 20 million bytes of memory. The DECsystem-10 has 1 million words of memory.

The IBM 3081-D runs under MVS/SP with JES2. The IBM 4381/3 runs VM/SP with CMS. The DECsystem-10 runs under TOPS-10 and the VAXcluster runs VMS. A CalComp 1061 plotter is used to produce graphics output from jobs run on the IBM and DEC computers.

Located in Andy Holt Tower is an IBM 380/40, operating under DOS with POWER II, which is used exclusively for administrative work. Data entry services are provided with two Nixdorf 600/55 key-to-disk systems which are also located in Andy Holt Tower. An IBM 6670 laser printer is used to produce high quality printed output.

A graphics center with 10 Tektronix graphics terminals (five storage and five refresh), two digitizing tablets, and a graphics plotter is located in Ferris Hall. Additional graphics equipment, including three terminals, a large digitizing tablet, and a plotter, is located in the user work area in the Art and Architecture Building.

UTCC maintains eight remote job entry stations for batch work and 15 sites for interactive computing work on the Knoxville campus and supplies computing services to the other campuses in the UT System through remote job entry facilities.

Timesharing services are offered on the DECsystem-10, the VAXcluster, and the IBM 4381/3 (VM/CMS). Coursewriter III, an online Computer Assisted Instruction system, is offered on the IBM 3081-D.

UTCC timesharing can be accessed through a terminal or microcomputer attached to one of more than 700 directly connected lines or approximately 80 dialup lines. UTCC timesharing supports two classes of interactive terminals: ASCII start/stop and IBM 3270. All ASCII terminals access timesharing through a terminal port selection and multiplexing network called the DCA (Digital Communications Associates) system. In addition, DECNnet links the VAXcluster at UTCC with VAX computers located in the computer science and electrical engineering departments on the Knoxville campus and at the UT Space Institute in Tullahoma.

Software includes most of the commonly used compilers and interpreters, as well as a large number of programs for statistical, mathematical, engineering, operations research, and graphics applications.

Through the UTCC computers, the University of Tennessee is affiliated with EDUNET and BITNET, two communication networks of colleges and universities. EDUNET is an international computing network, primarily for researchers in higher education, which permits users to open accounts and use computing facilities at any of 19 universities which supply software to the network. Available resources include a number of computer assisted instruction (CAI) packages, electronic mail services, and special purpose programs in many fields of study. BITNET, a network of over 800 computers located at educational and research institutions throughout the United States, Canada, Europe, and the Far East, allows the rapid exchange of messages and files associated with university work.

Throughout the year, UTCC consultants teach non-credit short courses on topics including programming languages, job control language, the use of graphics, plotting, and the statistical and mathematical programs available at UTCC. Some short courses are also available on videotape at the Undergraduate Library. Short courses are announced in the UTCC Newsletter, the "Campus Capsule" section of the UT Daily Beacon, and "this week on campus", a publication announcing campus events. During term breaks, intensive training seminars on the utilization of the IBM and DEC computers are offered for faculty, staff, and graduate students.

UTCC provides more than 100 online and printed documents which describe the availability and use of system hardware and software. These include the IBM User's Guide, which describes the use of the IBM computers; the DECsystem-10 User's Guide, which describes the use of the DECsystem-10; and the UTCC Graphics Guide, which describes the use of graphics facilities. These guides are available at the UT Book & Supply Store. A free monthly UTCC Newsletter announces systems, equipment, and procedural changes and contains other items of interest to users.

All users of UTCC facilities are assigned a consultant who is available to answer questions about UTCC resources and to assist in accessing the UTCC library of computer programs.
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