

**PSYC 5324–QBA 4331**

- psychology. May be repeated once with approval of instructor. Formerly PSY 496.
- PSYC 5324 Drugs and Behavior. (3 3 0)** Prerequisite: 2301. Introduction to the field of psychopharmacology with emphasis on relationships between drugs, their mechanisms of action in the nervous system and human behavior. Formerly PSY 5480.
- PSYC 5335 Cognitive Processes. (3 3 0)** Basic cognitive processes: attention, memory, concept formation, reasoning and information processing. Formerly PSY 5376.
- PSYC 5341 Psychology of Adolescence and Youth. (3 3 0)** Psychological growth and development from adolescence through early maturity. Formerly PSY 5390.
- PSYC 5350 Social Psychology. (3 3 0)** Review of theories and research relating to individual behavior in the social environment. Same as SOCI 5350. Formerly PSY 5302.
- PSYC 5355 Theories of Personality. (3 3 0)** Major theories of personality development. Formerly PSY 5425.
- PSYC 5360 Abnormal Psychology. (3 3 0)** Personality abnormalities; description, causation and treatment. Formerly PSY 5423.
- PSYC 5361 Psychology of the Emotionally Disturbed Child and Youth. (3 3 0)** Dynamics and management of emotionally disturbed children. Formerly PSY 5430.
- PSYC 5371 Introduction to Psychological Testing. (3 2 2)** Administration and interpretation of representative tests of mental ability, achievement, interests, aptitudes and personality. Formerly PSY 5469.
- PSYC 5375 Theories of Counseling. (3 3 0)** Survey of major counseling theories and related techniques, and introduction to current ethical and professional issues for the beginning human-services worker. Formerly PSY 5488.
- PSYC 5377 Behavior Modification. (3 3 0)** Prerequisite: 3430 or permission of instructor. Basic techniques and procedures of behavior analysis and modification. Formerly PSY 5477.
- PSYC 5392 Current Issues in Psychology. (3 3 0)** Topics such as psychology of religion, psychobiology, community psychology or behavioral medicine. Formerly PSY 5398.
- PSYC 6301 Thesis. (3 0 0)** Formerly PSY 5501.
- PSYC 6302 Thesis. (3 0 0)** Formerly PSY 5502.
- PSYC 6310 Advanced Statistics in Psychology. (3 3 0)** Prerequisite: 3310. Advanced study of statistical designs and analyses in psychology. Formerly PSY 5530.
- PSYC 6311 Research and Experimental Design in Psychology. (3 3 0)** Prerequisite: 3310. Complex research designs including fractional, factorial and incomplete block. Coverage of parameter estimation in psychology. Formerly PSY 5580.
- PSYC 6312 Professional Seminar in Psychology. (3 3 0)** Advanced study of basic topics of general psychology. Restricted to students admitted to graduate psychology program. Formerly PSY 5512.
- PSYC 6313 Seminar in Learning. (3 3 0)** Advanced study of basic topics of general psychology. Restricted to students admitted to the graduate psychology program. Formerly PSY 5513.
- PSYC 6314 Philosophy of Science and Psychology Ethics. (3 3 0)** The relationship among science, psychology and philosophy. Professional ethics for the field of psychology in the contemporary environment. Formerly PSY 5514.
- PSYC 6340 Seminar in Human Development. (3 3 0)** Prerequisite: Restricted to students admitted to graduate psychology program or permission of instructor. Basic topics in human development. Formerly PSY 5596.
- PSYC 6360 Advanced Psychopathology. (3 3 0)** Prerequisite: 3360/5360 or permission of instructor. Dynamics of basic psychopathological disorders. Formerly PSY 5523.
- PSYC 6370 Assessment and Diagnostics. (3 3 0)** Prerequisite: 4371/5371. Methods of determining dynamics and extent of behavioral and psychological dysfunction. Formerly PSY 5569.
- PSYC 6372 Clinical Intervention. (3 3 0)** Psychological techniques applied to counseling and clinical situations. Formerly PSY 5550.
- PSYC 6374 Marriage and Family Counseling. (3 3 0)** Intervention for marriage and family crises. Formerly PSY 5560.
- PSYC 6376 Brief Psychotherapy. (3 3 0)** Prerequisite: 12 hours psychology including 2301. Introduction to theory and practice of conducting brief psychotherapy. Issues related to working in managed health care settings. Formerly PSY 5552.
- PSYC 6378 Program Evaluation. (3 3 0)** Prerequisite: three semester hours of undergraduate statistics. Social research procedures to systematically investigate the effectiveness of social intervention programs which include history of program evaluation, terminology, methodology and applications. Same as SOCI 6378. Formerly PSY 5540.
- PSYC 6392 Current Issues in Psychology. (3 3 0)** Prerequisite: 12 hours in psychology (including 2301) or permission of instructor. Emphasis on recent advances, emerging trends and contemporary perspectives. May be repeated. Formerly PSY 5598.
- PSYC 6395 Problems in Psychology. (3 0-3 0-6)** Prerequisite: approval of instructor. Individual study and research on a specific topic within the discipline of psychology. May be repeated once with approval of department head. Formerly PSY 5590.
- PSYC 6399 Practicum in Psychology and Counseling. (3-6 0 0)** Prerequisite: good standing in the graduate program and approval of instructor. May be taken for a maximum of six semester hours. Formerly PSY 5579.

**QBA—Quantitative Business Analysis**

(Offered through the Department of Computer Information Systems.)

- QBA 2342 Statistics for Business and Economics. [MATH 2342] (3 3 0)** Prerequisite: MATH 1325 or permission of instructor. Methods of collecting, analyzing, presenting and interpreting numerical data for business purposes. General application of statistical principles. Fall, spring. Formerly QBA 250.
- QBA 3350 Intermediate Statistics with Computer Applications. (3 3 0)** Prerequisite: 2342 or equivalent. Regression analysis, experimental design and non-parametric statistics. Emphasis on problem formulation, selection of statistical method and interpretation of computer output. Formerly QBA 350.
- QBA 4331 Production and Operations Management. (3 3 0)** Prerequisite: 2342 and MGT 3330 or equivalent. Study and analysis of planning, design, direction, and control of physical and human resources used in production of goods

and services. Emphasis on solutions to operational problems in physical, locational, storage and general service subsystems. Formerly QBA 431.

- QBA 4352 Business Forecasting . (3 3 0)** Prerequisite: 2342 or equivalent. Measurement of business conditions. Development of trends, seasonals, cycles and index numbers to evaluate the position of the firm, industry or national economy. Model building, long-range planning, regression analysis and other quantitative techniques used in business analysis. Formerly QBA 452.
- QBA 4358 Operations Research Methods. (3 3 0)** Prerequisite: 2342 or equivalent. Use of deterministic and stochastic processes as effective decision-making tools in solving business and economic problems. Topics include network optimization analysis, resource allocation models, inventory control, replacement processes, queuing theory and markov chains. Formerly QBA 458.
- QBA 4364 Introduction to Quantitative Economics and Finance. (3 3 0)** Prerequisite: 2342 or consent of instructor. Application of quantitative methodology in economics and finance with emphasis on forecasting, optimization techniques, regression analysis, and survey methods. Same as ECON 4364. Formerly QBA 464.
- QBA 5331 Production and Operations Management. (3 3 0)** Prerequisite: 2342 and MGT 3330 or equivalent. Study and analysis of planning, design, direction, and control of physical and human resources used in production of goods and services. Emphasis on solutions to operational problems in physical, locational, storage and general service subsystems. Formerly QBA 5431.
- QBA 6300 Statistical Methods in Business and Economics. (3 3 0)** Prerequisite: MATH 1325 or equivalent, graduate standing and consent of department head. Probability distributions, estimation, testing, hypotheses, sample survey methods, experimental designs, time-series analysis, correlation and regression analysis. Formerly QBA 5500.
- QBA 6305 Quantitative Analysis in Business. (3 3 0)** Prerequisite: 6300 or equivalent and 12 semester hours of upper-division CIS and/or business administration. Application of quantitative techniques to business including statistics, linear programming and simulation. Techniques in decision making and their relation to information systems. Fall, spring. Formerly QBA 5505.
- QBA 6320 Econometrics. (3 3 0)** Prerequisite: Nine hours of graduate courses in agricultural economics, economics or statistics. Introduction to econometric analysis. Application of econometric analysis techniques to problems in agriculture and business. Includes multivariate distributions, maximum likelihood, simultaneous equations systems, nonlinear regression and nonlinear optimization. Same as AGBE 6320. Formerly QBA 5520.
- QBA 6362 Advanced Business Forecasting. (3 3 0)** Prerequisite: 6305 or equivalent. An analysis of forecasting techniques and business theories, the interconnection between forecasting methods and the conditions under which each are used is examined. The similarities and differences between forecasting for an industry and for the firm are identified. Same as ECON 6362. Formerly QBA 5552.

## RELI—Religion

(Offered through the Department of English and Modern Languages.)  
NOTE: A maximum of six hours of religion may be counted for degree requirements.

- RELI 1371 Old Testament Studies. (3 3 0)** History, literature and teaching of the Old Testament. Formerly REL 101.
- RELI 1372 New Testament Studies. (3 3 0)** History, literature and teaching of the New Testament. Formerly REL 102.
- RELI 2371 Comparative Religion. (3 3 0)** Major religions of the world, including Hinduism, Buddhism, Judaism, Christianity and Islam. Formerly REL 201.
- RELI 2372 Understanding Christian Beliefs. (3 3 0)** Examination of the origin, history, beliefs and practices of Christianity. Formerly REL 202.
- RELI 2375 Contemporary Religious Issues. (3 3 0)** Examination of selected social, political, economic and cultural problems from a religious perspective. Formerly REL 205.
- RELI 2377 Readings in Making Moral Choices. (3 3 0)** Application of religious principles to contemporary concerns. May be repeated once when topics vary. Formerly REL 207.

## SCOM—Speech Communication

(Offered through the Department of Art, Communication and Theatre.)

- SCOM 1315 Basic Speech Communication. [SPCH 1315] (3 3 0)** Emphasis on basic principles of communication with special application to public speaking. Fall, spring, summer I, summer II, winter intersession, May intersession. Web based. Formerly SCOM 101.
- SCOM 1318 Interpersonal Communication. [SPCH 1318] (3 3 0)** Psychological, physical and cultural barriers to interpersonal communication with emphasis on overcoming these barriers in order to improve interpersonal communication. Spring. Formerly SCOM 103.
- SCOM 1321 Business and Professional Communication. [SPCH 1321] (3 3 0)** Communication skills and theories most relevant to students in contemporary business and professional fields. Focus on developing skills in interviewing, small-group communication and public speaking. Fall, spring. Formerly SCOM 201.
- SCOM 2074 Independent Study. (1-3 0 0)** Individual study designed to meet needs and interests of the student. May be repeated. Fall, spring, summer I, summer II. Formerly SCOM 298.
- SCOM 2178 Forensics. (1 0 2)** Participation in intercollegiate debate and contest activities. Any combination of hours from 2718 and 4278 may be repeated for a total of eight semester hours credit. Only four hours of forensics (2718 or 4278 ) can count toward the speech major. Fall, spring. Formerly SCOM 271.
- SCOM 2335 Argumentation. (3 3 0)** Skills necessary for persuasive speech development. Basic argument formation, speaker credibility and research concerns. Practice critical-thinking skills and persuasive techniques through class presentations. Fall of odd years. Formerly SCOM 205.
- SCOM 2341 Basic Performance of Literature. [SPCH 2341] (3 3 0)** Emphasis on oral interpretation of prose, poetry and drama with an understanding of textural analysis, character

**SCOM 2376-4398**

placement and characterization. Fall of even years.  
Formerly SCOM 222.

- SCOM 2376 Communication Theory. (3 3 0)** Wide variety of communication theories as a foundation for better understanding of the field of communication. Theories will be applied to communication experiences students encounter daily. Web based. Fall. Formerly SCOM 215.
- SCOM 2377 Intercultural Communication. (3 3 0)** Investigates relationship between culture and communication, and strategies to overcome barriers in the communication process created by diverse social forms and belief systems. Cultural patterns and assumptions and how they relate to intracultural, cross-cultural, interethnic and international communication. Fall. Formerly SCOM 255.
- SCOM 3094 Independent Study. (1-3 0 0)** Individual study designed to meet needs and interests of the student. May be repeated. Fall, spring, summer I, summer II. Formerly SCOM 398.
- SCOM 3301 Advanced Public Speaking. (3 3 0)** Prerequisite: 1315 or 1321. Development of a marked degree of skill in composition and delivery of various types of speeches. Spring of even years. Formerly SCOM 301.
- SCOM 3302 Advanced Performance of Literature. (3 3 0)** Oral interpretation of literature with emphasis on experimental forms, character delineation, use of dialect and duo performance. Spring of odd years. Formerly SCOM 302.
- SCOM 3303 Communication in the Legal Process. (3 3 0)** Prerequisite: 1315 or 1321 or instructor's consent. Exploration of various types of communication involved in our legal process. Topics include importance of verbal and non-verbal communication in attorney-client relationships, jury selection and courtroom presentations. Fall of even years. Formerly SCOM 303.
- SCOM 3315 Research Methods. (3 3 0)** Prerequisite: 2376. Introduction to research methods in communication. Designed to improve students' ability to understand and critique communication research and to understand a variety of research techniques. Spring. Formerly SCOM 315.
- SCOM 3320 Nonverbal Communication. (3 3 0)** Analysis of fundamentals and forms of nonverbal communication. Focus on use of the body in conscious and unconscious gestures, proxemics, kinesics and effects of these elements on the environment and culture of the individual. Fall. Formerly SCOM 320.
- SCOM 3325 Communication for the Classroom. (3 3 0)** Means to analyze, develop and facilitate communication behaviors. Theoretical and pragmatic approaches to classroom communication.
- SCOM 3331 Organizational Communication. (3 3 0)** Prerequisite: 1315 or 1318 or 1321. Communication within organizations, including interpersonal factors, motivation, change and conflict resolution, and communication auditing procedures. Students will gain experience in using the case study in practical applications of theory. Fall. Formerly SCOM 331.
- SCOM 3341 Persuasion. (3 3 0)** Theory of human motivation as it operates in individuals and groups. Analysis of persuasive materials and development of persuasive strategies, preparation and presentation of persuasive appeals. Spring/Web-based. Formerly SCOM 341.
- SCOM 3345 Discussion and Small-Group Communication. (3 3 0)** Prerequisite: 1315 or 1318 or 1321. Theory and practice are

utilized to develop greater awareness of the dynamics of small-group interaction. Participation in and evaluation of formal and informal discussion groups. Spring, May intersession. Formerly SCOM 345.

- SCOM 3370 Gender Communication. (3 3 0)** Explores communication about women and men as well as communication between women and men. Topics include gender differences, images of gender in mass media, gender images shaped by language, and communication between men and women in a variety of contexts. Summer II, May intersession. Formerly SCOM 370.
- SCOM 3392 Special Topics in Communication. (3 3 0)** In-depth study and discussion of current issues in communication research. May be repeated once for credit. Formerly SCOM 399.
- SCOM 3399 Teen Leadership. (3 0 0)** Prerequisite: consent of instructor. Students serve as trainers for the Teen Leadership Amarillo/Canyon program. Skills-based course relies on experiential learning to develop understanding of leadership theory and of training and development theory. May be repeated once for credit. Fall, spring. Same as IDS 3399. Formerly SCOM 380.
- SCOM 4278 Advanced Forensics. (2 0 0)** Prerequisite: upperclassman standing. Focuses on developing communication skills, critical thinking skills, performance skills and analysis necessary for effective communication in a variety of competitive forensics events. Any combination of hours from 2178 and 4278 may be repeated for a total of eight semester hours credit. Only four hours of forensics (any combination of 2178 and 4278) can count toward the speech major. Fall, spring. Formerly SCOM 472.
- SCOM 4301 Introduction to Rhetorical Criticism. (3 3 0)** Prerequisite: 1315 or 3331 or 3341 or instructor's consent. Designed to acquaint students with rhetorical criticism as a method for answering research questions in communication. Students will apply analytical skills using different methods to evaluate significant contemporary speeches and rhetorical artifacts. Emphasis on developing good writing skills and a critical perspective. Fall. Formerly SCOM 401.
- SCOM 4305 Research Practicum. (3 0 0)** Prerequisite: junior standing, 3315, consent of adviser. Participation in faculty research projects, data analysis and bibliographic research. Spring. Formerly SCOM 405.
- SCOM 4310 Communication Training and Development. (3 3 0)** Prerequisite: 2376, 3331 or 3345. Design, development, presentation and evaluation of communication training programs. A guiding principle of the course is that training content is situational, but the process of developing effective training is generalizable. Course will provide practical and theoretical materials. Fall. Formerly SCOM 410.
- SCOM 4330 Storytelling and Puppetry. (3 3 0)** Storytelling activities designed for use with children. Fall, spring. Formerly SCOM 430.
- SCOM 4370 Presidential Rhetoric. (3 3 0)** Prerequisite: 1315 or 1321 or consent of instructor. American presidency with specific regard to its role in public persuasion on significant public issues. Spring of even years. Formerly SCOM 470.
- SCOM 4373 Methods in Competitive Speech. (3 0 0)** Study and application of performance theories. Students design and implement performance activities through teaching experience in conjunction with speech camp. Summer I. Formerly SCOM 473.

- SCOM 4393 Senior Thesis. (3 0 0)** Prerequisite: senior standing, 3315, consent of adviser. Completion of senior thesis. Fall, spring, summer I, summer II. Formerly SCOM 475.
- SCOM 4398 Communication Internship. (3 0 0)** Professional work experience in a communication-related organization. No class hours are met, however, student interns are expected to meet with the instructor periodically and complete a final report of their work experience. Cannot be repeated. Fall, spring, summer I, summer II. Formerly SCOM 495.
- SCOM 5341 Persuasion. (3 3 0)** Theory of human motivation as it operates in individuals and groups. Analysis of persuasive materials and development of persuasive strategies. Spring/Web-based.
- SCOM 5345 Discussion and Small Group Communication. (3 3 0)** Prerequisite: 1315 or 1318 or 1321 plus three hours advanced speech. Research and analysis of small-group communication patterns. Emphasis on training techniques to improve existing small groups and methods of conducting small-group research. Spring, May intersession.
- SCOM 5370 Presidential Rhetoric.** Formerly SCOM 5470. (Inactive.)
- SCOM 5373 Methods in Competitive Speech. (3 0 0)** Study and application of performance theories. Students design and implement performance activities through teaching experience in conjunction with speech camp. Formerly SCOM 5473.
- SCOM 6301 Thesis. (3 0 0)** Prerequisite: completion of core and 18 graduate hours. Fall, spring, summer I, summer II. Formerly SCOM 5501.
- SCOM 6302 Thesis. (3 0 0)** Fall, spring, summer I, summer II. Formerly SCOM 5502.
- SCOM 6303 Performance Thesis. (3 0 0)** Prerequisite: completion of core, 18 graduate hours and 6301. Thesis project which results in a public performance. Enrollment must be repeated until public performance is completed. Fall, spring, summer I, summer II. Formerly SCOM 5503.
- SCOM 6304 Research Project in Applied Communication. (3 0 0)** Prerequisite: 6315 and 6331. Study and application of theory in designing and implementing a communication research project in an organization. Fall, spring, summer I, summer II. Formerly SCOM 5504.
- SCOM 6306 Seminar in Oral Interpretation. (3 3 0)** The art of storytelling. Emphasis on performance of storytelling genres. Students will compile a story file, as well as plan, perform and produce an end-of-semester storytelling festival. Spring. Formerly SCOM 5506.
- SCOM 6310 Instructional Training and Development in Communication. (3 3 0)** Acquaints prospective organizational trainer and/or consultant with significant issues pertaining to design, implementation and assessment of instructional programs. Each student develops a one-day program suitable for a professional audience and presents one module from this program to the class. Formerly SCOM 5510.
- SCOM 6315 Theories of Communication. (3 3 0)** Analysis of concepts, models and pertinent research across the broad spectrum of theory building and contemporary theories of communication. Web based. Fall, summer I. Formerly SCOM 5515.
- SCOM 6320 Seminar in Intercultural Communication. (3 3 0)** Raises consciousness about cultural differences, helps students become more competent in intercultural communication and develops strategies for researching intercultural communication. Intercultural communication is the process through insight provided by different perspectives and experiences is gained. Web based. Fall. Formerly SCOM 5520.
- SCOM 6331 Seminar in Organizational Communication. (3 3 0)** Review of theories of organizational communication, in-depth study of consulting techniques and research methods in organizational communication. Formerly SCOM 5531.
- SCOM 6340 Seminar in Public Communication. (3 3 0)** Methods of disseminating information in society. Survey of human relations theory, public relations and community relations. Fall. Formerly SCOM 5540.
- SCOM 6350 Seminar in Rhetorical Criticism. (3 3 0)** Method of rhetorical criticism as an approach to answering research questions in communication. Variety of methods and artifacts will be analyzed. Spring. Web based. Formerly SCOM 5550.
- SCOM 6355 Seminar in Nonverbal Communication. (3 3 0)** Analysis of fundamental forms of nonverbal communication. Use of the body in conscious and unconscious gestures, proxemics, kinesics and the effect of these on the environment and culture of the individual. Spring. Formerly SCOM 5555.
- SCOM 6360 Seminar in Gender Communication. (3 3 0)** Research in communication literature about how men and women communicate, with emphasis on describing this communication rather than evaluating. Allows students to develop more versatile communication choices in a variety of societal contexts. Summer II, May intersession. Formerly SCOM 5560.
- SCOM 6380 Introduction to Graduate Communication Studies (3 3 0)** Prerequisite: undergraduate degree. Overview of the history and current status of communication research and practice. Instruction in basic research; library and other resources; bibliographical format of research reports in accordance with standard style guides. Should be taken the first semester of graduate enrollment. Fall. Formerly SCOM 5580.
- SCOM 6381 Seminar in Quantitative Research Methods (3 3 0)** Prerequisite: 6380 or consent of instructor. Methodology, organization and participation in quantitative/statistical communication research. Spring. Formerly SCOM 5581.
- SCOM 6382 Qualitative Research Methods. (3 3 0)** Prerequisite: 6380. Exposure to the experience of qualitative data collection for communication research. Emphasis on observing and interviewing in a field setting and discussing these experiences, supplemented with readings. Upon completion of course, students will be able to design a qualitative study. Fall. Formerly SCOM 5582.
- SCOM 6384 Internship in Applied Organizational Communication Research. (3 0 0)** Prerequisite: 6381 or 6382. Practicum in applied organizational communication research. Students will identify an approved organization, which has agreed to a proposed research project. Students will investigate, research, design and complete an applied organizational research project. Fall, spring, summer I, summer II. Formerly SCOM 5584.
- SCOM 6385 Communication Instruction at the College Level. (3 3 0)** Investigation and evaluation of techniques and methods of teaching in various communicative arts. Fall. Formerly SCOM 5585.
- SCOM 6388 Performance Theory. (3 3 0)** Exploration of performance theory and application of theory in solo performances staged by students. Spring, fall. Formerly SCOM 5588.

**SCOM 6395–SES 3341**

- SCOM 6392 Current Issues in Communication. (3 3 0)** Prerequisite: approval of instructor. Special seminars designed to discuss current issues. May be repeated once for credit. Formerly SCOM 5590.
- SCOM 6395 Problems in Public Communication. (3 0 0)** Prerequisite: approval of department head. May be repeated once with approval of department head. Fall, spring, summer I, summer II. Formerly SCOM 5587.
- SCOM 6398 Forensics Internship. (3 0 0)** Prerequisite: consent of instructor. Experience with sponsoring, planning and coaching collegiate forensics events. Students will assist with tournaments hosted by WTAMU and will travel with the Forensics Team to at least one tournament. Fall, spring, summer I, summer II. Formerly SCOM 5586.
- SCOM 6399 Speech Performance Field Experience. (3 0 0)** Students will be assigned to a profit or non-profit organization to assist with the organization's mission, particularly in development of programs in performance studies. Fall, spring, summer I, summer II. Formerly SCOM 5589.

**SES—Sports and Exercise Sciences**

(Offered through the Department of Sports and Exercise Sciences.)

- SES 1301 Foundations and Principles. [PHED 1301] (3 3 0)** Scientific principles involved in understanding biomechanical foundations of movement and physiology of exercise and fitness with historical background and psychological/sociological implications of sport. Formerly SES 204.
- SES 1306 First Aid/CPR. [PHED 1306] (3 3 0)** First aid and responding to emergency injuries and illnesses. Involves lecture presentations and practical experiences. Formerly SES 203.
- SES 2370 Health for the Individual. (3 3 0)** Survey of major health concepts and issues. Designed to provide knowledge and methods to make responsible choices for a healthy lifestyle. Formerly SES 209.
- SES 2371 Consumer Health/Consumer Survival. (3 3 0)** Information and suggestions on becoming a knowledgeable consumer. Emphasis on all types of insurance, selection of medical, pharmaceutical and mortuary professionals, and avoidance of deceptive practices, includes current shopping strategies, warranties and consumer legalities. Formerly SES 217.
- SES 2373 Coaching and Officiating Track/FD/Cross-Country. (3 3 0)** Coaching fundamentals and analysis of the duties and responsibilities of officials in track with practical experience in officiating. Formerly SES 233.
- SES 2374 Coaching and Officiating Football. (3 3 0)** Coaching fundamentals and analysis of the duties and responsibilities of officials in football with practical experience in officiating. Formerly SES 234.
- SES 2375 Coaching and Officiating Basketball. (3 3 0)** Coaching fundamentals and analysis of the duties and responsibilities of officials in basketball with practical experience in officiating. Formerly SES 235.
- SES 2376 Coaching and Officiating Baseball. (3 3 0)** Coaching fundamentals and analysis of the duties and responsibilities of officials in baseball with practical experience in officiating. Formerly SES 236.
- SES 2377 Coaching and Officiating Volleyball. (3 3 0)** Coaching fundamentals and analysis of the duties and responsibilities of officials in volleyball with practical experience in officiating. Formerly SES 237.
- SES 2378 Coaching and Officiating Soccer. (3 3 0)** Coaching fundamentals and analysis of the duties and responsibilities of officials in soccer with practical experience in officiating. Formerly SES 239.
- SES 3302 Structural and Mechanical Kinesiology. (3 3 0)** Structural and mechanical properties of the musculoskeletal system, functional and movement characteristics, applied physics and analysis of movement. Formerly SES 302.
- SES 3303 Safety. (3 3 0)** Foundations of safety focusing on accident prevention and injury control in home, workplace and community. Formerly SES 303.
- SES 3304 Measurement and Evaluation Techniques. (3 3 0)** Basic statistical designs, skill test administration, data collection and principles of evaluation. Formerly SES 304.
- SES 3306 Human Sexuality. (3 3 0)** Physical, psychological, social and comparative cultural aspects of sexual behavior, reproduction, sex education, family health, disease process, and biological and sexual dysfunctions. Formerly SES 306.
- SES 3307 Adapted Physical Activity. (3 3 0)** Philosophy and techniques of successful inclusion in school and special settings of individuals with disabilities. Theories of aging, biological mechanisms of the aging process and the role of physical activity in those physiological functions influenced by age. Formerly SES 307.
- SES 3311 Organization and Planning Techniques. (3 3 0)** Practical skills and techniques of professional development. Unit and lesson planning, class management, teaching aids, implementation and evaluation of lessons in a laboratory setting. Formerly SES 311.
- SES 3316 Drugs, Alcohol and Tobacco. (3 3 0)** Effects of drugs, alcohol and tobacco on physiological, mental, and psychological health and well-being with a focus on prevention education for self-responsibility. Formerly SES 316.
- SES 3320 Programming for Elementary Kinesiology. (3 2 2)** Prerequisite: 3311 or department head approval. Developmentally appropriate physical education for children. Concepts and skills analyzed and utilized progressively as a means of developing, refining and applying physical, social and cognitive abilities of young children. Emphasis on cognitive, affective and behavioral instructional strategies. Formerly SES 320.
- SES 3321 Motor Development. (3 3 0)** Assessment of motor development in individuals, infant to adult; instructional applications of motor skills to appropriate levels of development; design of motor skill acquisition sequences for basic motor skills of running, jumping, throwing, catching, striking, kicking and for complex sport motor skills. Formerly SES 321.
- SES 3325 Programming for Health and Wellness of Children. (3 2 2)** Modern issues, trends, content and materials in instructional health programs. Theory and practice in development and use of creative and traditional health education strategies in public schools and community settings; emphasis on cognitive, affective and behavioral instructional strategies. Formerly SES 325.
- SES 3340 Sport Nutrition. (3 2 2)** Review of knowledge associated with nutritional strategies used to enhance sport and exercise performance. Formerly SES 340.

SES 3341	<b>Physiology of Exercise. (3 2 2)</b> Physiological adaptations made by the human body in adjusting to various activities. Formerly SES 341.		and extension of knowledge in professionally supervised practice with individuals, groups and communities. May be repeated for credit with department approval for a maximum of 6 credit hours. Formerly SES 450.
SES 3342	<b>Personal Fitness Concepts. (3 3 0)</b> Comprehension of concepts in cardiovascular endurance, strength, flexibility, body composition, stress and nutrition. Ability to design, implement and conduct personal fitness programs is expected. Formerly SES 342.	SES 4301	<b>Programming Leadership. [TECA 1318] (3 3 0)</b> Prerequisite: completion of 30 hours of SES. Introduction to operational techniques of designing, developing, implementing and evaluating instructional, recreational and leisure, and physical activity programs (athletics, intramural, club) and alternative athletic programs such as health clubs, corporate fitness centers and community centers for all populations. Formerly SES 401.
SES 3345	<b>Stress Management. (3 3 0)</b> Stress management and its relationship to health, disease and motor performance. Analysis of everyday stressors and intervention strategies for managing stress effectively. Formerly SES 345.	SES 4313	<b>Advanced Sports Conditioning.</b> Formerly SES 413. (Inactive.)
SES 3350	<b>Theory and Practice of Football/Track and Field. (3 3 0)</b> Skills, techniques, strategies and rules required for performance in football and track and field. Application of movement principles, including components of motor learning, exercise physiology and biomechanics in football and track/field. Formerly SES 350.	SES 4322	<b>Programming for Secondary Kinesiology. (3 2 2)</b> Prerequisite: 3311 or department head approval. Instructional and curricular issues as they relate to middle and high school physical education programming. Formerly SES 422.
SES 3351	<b>Theory and Practice of Basketball/Baseball/Softball. (3 3 0)</b> Skill techniques, strategy and rules required for performance in basketball, baseball and softball. Application of movement principles, including components of motor learning, exercise physiology and biomechanics. Formerly SES 351.	SES 4325	<b>Sport Psychology. (3 3 0)</b> Application of research findings as they apply to psychological performance factors in sport, physical education and exercise settings, such as motivation/adherence, stress management, personality and psychological skills training. Formerly SES 425.
SES 3352	<b>Theory and Practice of Racquet Sports. (3 3 0)</b> Skill techniques, strategy and rules required for performance in tennis, badminton, racquetball and pickleball. Application of movement principles, including components of motor learning, exercise physiology and biomechanics. Formerly SES 352.	SES 4326	<b>Sport Sociology. (3 3 0)</b> Analysis of sport as a social institution and interrelations between sport and societal subsystems. Analysis of contemporary problems associated with sport: race relations, the traditional and emergent role of women, leisure behavior, aggression and violence, and political and economic concerns. Formerly SES 426.
SES 3353	<b>Theory and Practice of Archery/Golf. (3 3 0)</b> Skill techniques, strategy and rules required for performance in archery and golf. Application of movement principles, including components of motor learning, exercise physiology and biomechanics. Formerly SES 353.	SES 4330	<b>Organization and Administration. (3 3 0)</b> Efficient and effective organization and administration of instruction and intramural programs in physical education. Legal liability, budget and facilities. Formerly SES 430.
SES 3354	<b>Theory and Practice of Soccer and Volleyball. (3 3 0)</b> Skill techniques, strategy and rules required for performance in soccer and volleyball. Application of movement principles, including components of motor learning, exercise physiology and biomechanics. Formerly SES 354.	SES 4340	<b>Sport and Exercise Testing. (3 2 2)</b> Prerequisite: 3341. Hands-on training and theoretical background needed to competently assess levels of health/fitness in a sport or exercise population. Lecture/lab content structured to prepare students for taking the ACSM Health/Fitness or Exercise Specialist certification. Formerly SES 440.
SES 3355	<b>Theory and Practice of Non-Traditional Games/Sports. (3 3 0)</b> Variety of recreational, multi-cultural and nontraditional games, as well as outdoor adventure education for lifelong participation. Formerly SES 355.	SES 4341	<b>Sport Biomechanics. (3 2 2)</b> Prerequisite: 3302. Principles of mechanics to the study of human motion. Emphasis on theory and quantitative analysis. Formerly SES 441.
SES 3356	<b>Theory and Practice of Strength Training and Conditioning. (3 3 0)</b> Research findings and established scientific principles of resistance training for development of muscular strength, power and endurance. Practical applications to technique, program development and competition. Formerly SES 356.	SES 4394	<b>Independent Study in Sports and Exercise Sciences. (3 0 0)</b> Prerequisite: approval of department head. Independent study, under direction of a faculty member, within the fields of exercise and sport. May be repeated once for credit. Formerly SES 490.
SES 3374	<b>Principles of Nutrition. (3 3 0)</b> Function, digestion, absorption, metabolism and excretion of nutrients. Anatomy and physiology of the gastrointestinal tract and related organs. Introduction to nutrient requirements for maintenance, growth and performance.	SES 6301	<b>Thesis. (3 0 0)</b> Formerly SES 5501.
SES 3382	<b>Outdoor Living. (3 3 0)</b> Knowledge, techniques and skills for safe enjoyment of family and individual camping. Formerly SES 382.	SES 6302	<b>Thesis. (3 0 0)</b> Formerly SES 5502.
SES 3392	<b>Special Topics.</b> Formerly SES 5399. (Inactive.)	SES 6310	<b>Philosophy and History. (3 3 0)</b> Intensive study of philosophical and historical origins of physical education, including leaders, conditions and forces affecting the profession. Formerly SES 5510.
SES 4098	<b>Internship. (3 0 0)</b> Supervised internship in agencies as prescribed and arranged by the department. Translation	SES 6311	<b>Research Techniques. (3 3 0)</b> Critical analysis of the types of research with uses and purposes; library techniques; experience in writing, critiquing and solving problems; statistical tools available and uses with computer programs. Formerly SES 5511.
		SES 6312	<b>Instructional Delivery in Sports and Exercise Sciences. (3 3 0)</b> Development of knowledge base and delivery methodologies to effectively provide instruction in

**SES 6321–SOCI 3392**

- sports and exercise sciences to different populations in activity settings.
- SES 6315 Curriculum Development in Sports and Exercise Sciences. (3 3 0)** Curriculum development process in the field of sports and exercise sciences focusing on the domains of health, wellness and physical education and their curricular applications in today's society. Formerly SES 5515.
- SES 6321 Sport Psychology. (3 3 0)** Intensive study of psychological dimensions of sports and fitness activities. Topics may include motives and constraints; adherence; arousal and performance; stress, distress and health; self-efficacy and self-concept; locus of control; attitude toward physical activity; personality and sport; and aggression and violence in sport. Formerly SES 5521.
- SES 6322 Sport and Society. (3 3 0)** Sport as a social and cultural phenomenon. Exploration of the discourse of selected issues of socio-cultural aspects of sport and exercise. Topics relate to cultural roles of sport, sport as mediator of change, issues of access and gender, sport as social model, and others. Formerly SES 5522.
- SES 6325 Science and Practice of Strength Training. (3 3 0)** Intensive study of current literature concerning design and implementation of strength and conditioning programs for persons involved in various sports. Topics include scientific foundations, testing and evaluation, exercise prescription and analyses of advanced exercise techniques. Formerly SES 5525.
- SES 6330 Administration of Sport and Exercise Science, Athletics. (3 3 0)** Environmental factors which influence resources management of sport and exercise sciences/athletics in public and private sectors. Analysis and application of administrative/leadership theory to strategic planning, organizing, implementing and controlling programs. Formerly SES 5530.
- SES 6332 Scientific Basis of Motor Learning. (3 3 0)** Psychophysiological study of motor learning and movement behavior. Evolution of theories and approaches utilized in the study of skill learning; examination of factors which facilitate or deter acquisition. Formerly SES 5532.
- SES 6341 Advanced Exercise Physiology. (3 2 2)** Prerequisite: 3341 or equivalent. Review of acute and long-term effects of sport and exercise on various physiological systems. Formerly SES 5541.
- SES 6344 Sport and Exercise Biomechanics. (3 3 0)** Mechanical and structural analysis of selected sport and exercise skills with focus on achieving maximum performance with reduced incidence or absence of participant injury. Formerly SES 5544.
- SES 6345 Advanced Fitness Concepts. (3 3 0)** Investigation of structure, purposes and goals of fitness programs. Formerly SES 5545.
- SES 6348 Laboratory and Field Assessment Techniques. (3 3 0)** Introduction to and use of equipment and field assessment techniques for measurement of physiological response to exercise. Formerly SES 5548.
- SES 6351 Trends/Issues in Sports and Exercise Sciences. (3 3 0)** Investigation and discussion of current issues in the fields of exercise and sport sciences including problems and trends within public and private sectors at local, state or national levels. Formerly SES 5551.
- SES 6360 Physical Activity Epidemiology. (3 3 0)** Introduction to physical activity epidemiology. Intended to provide a detailed prospective on the role of physical activity or

fitness with well-established risk factors for CHD, stroke and cancer, as well as an introduction to the pathogenesis of atherosclerosis and type-2 diabetes. Formerly SES 5560.

- SES 6392 Special Topics. (3 3 0)** Prerequisite: department head approval. Exploration of an emerging, unique or special topic in sports and exercise sciences. Formerly SES 5599.
- SES 6396 Directed Studies.** Formerly SES 5590. (Inactive.)
- SES 6399 Practicum. (3 0 0)** Prerequisite: student must submit a formal practicum proposal; permission of department head. Fieldwork consisting of research, leadership and/or management in the sport and exercise domain. Students will be required to accomplish research and/or writing assignments appropriate to the experience. Formerly SES 5580.

**SOCI—Sociology**

(Offered through the Department of Behavioral Sciences.)

- SOCI 1301 Introduction to Sociology. (3 3 0)** Fundamental concepts of sociology and introduction to analysis of social problems in both collective and individual aspects. Formerly SOCI 201.
- SOCI 1306 Social Problems. (3 3 0)** General survey of major social trends and contemporary social problems in American society. Formerly SOCI 212.
- SOCI 3094 Independent Study. (1-3 0 0)** Prerequisite: permission of instructor. Individual study designed to meet needs and interests of the student. Formerly SOCI 397.
- SOCI 3311 Public Opinion. (3 3 0)** Nature of public opinion, factors involved in its formation and measurement, techniques of modern propaganda and social controls influencing public-opinion formation. Same as POSC 3311. Formerly SOCI 341.
- SOCI 3342 Juvenile Delinquency. (3 3 0)** Causes and manifestations of delinquency and the problem of the juvenile offender, agencies for delinquency adjustment, evaluation of penal methods. Formerly SOCI 342.
- SOCI 3350 Social Psychology. (3 3 0)** Prerequisite: 1301. Review of theories and research relating to individual behavior in the social environment. Same as PSYC 3350. Formerly SOCI 302.
- SOCI 3362 Statistics for the Social Sciences. (3 3 0)** Prerequisite: 1301. Introduction to statistical techniques most commonly used in social sciences, including nonparametric tests, correlation, sampling techniques and use of SPSS. Same as POSC 3362, SOCW 3362 and CRIJ 3362. Formerly SOCI 362.
- SOCI 3370 Penology. (3 3 0)** Corrections in the criminal justice system, organization of correctional systems, correctional roles, institutional operations, alternatives to institutionalization, treatment and rehabilitation, current and future issues. Same as CRIJ 3370. Formerly SOCI 306.
- SOCI 3372 Prisons in America. (3 3 0)** Origins, role and philosophy of imprisonment in both juvenile and adult corrections including special problems of inmate subculture. Same as CRIJ 3372. Formerly SOCI 310.
- SOCI 3374 Victimology. (3 3 0)** Introductory course exploring the role, treatment and remedies of crime victims in the criminal justice system. Same as CRIJ 3374. Formerly SOCI 318.
- SOCI 3382 Women and the Criminal Justice System. (3 3 0)** Evolution and impact of women's participation in the

- justice system as victims, offenders and professionals. Same as CRIJ 3382. Formerly SOCI 315.
- SOCI 3392 Current Issues in Sociology and Social Policy. (3 3 0)** Prerequisite: 1301. Sociology of poverty, sociology of medicine, sociological foundations of social policy, sociology of education and sociological issues in addictive lifestyles. May be repeated once for credit when subject matter varies. Formerly SOCI 398.
- SOCI 4099 Practicum in Sociology. (1-6 0 0)** Prerequisite: 1301 and permission of instructor. Internship in social agencies, under supervision, as prescribed and arranged by the staff. Focus on translation and extension of sociological knowledge in professionally supervised practice with individuals, groups and communities. May be repeated once with approval of instructor. Formerly SOCI 484.
- SOCI 4302 Criminology. (3 3 0)** Prerequisite: 1301. Crime as a social problem, theories concerning the nature and causes of crime and treatment of the criminal, programs and facilities for crime prevention. Formerly SOCI 402.
- SOCI 4304 Community Corrections. (3 3 0)** Prerequisite: 1301. Survey of origins, functioning and effectiveness of probation and parole with emphasis on the problem of pre-sentence/pre-release investigations and supervision. Formerly SOCI 404.
- SOCI 4305 Social Services and the Aging. (3 3 0)** Survey of social and economic conditions of the aged in America; physical and mental aspects of aging; institutional care, governmental policies and social service delivery systems. Same as SOCW 4305. Formerly SOCI 405.
- SOCI 4310 Group Processes. (3 3 0)** Provides an understanding of the nature of groups, process of group development and relevance of group work in different settings. Same as SOCW 4310. Formerly SOCI 410.
- SOCI 4311 Contemporary Families. (3 3 0)** Prerequisite: 1301. Families as a social institution, changes in family structure and their impact on family members, family organization and disorganization, and future of the family and home. Formerly SOCI 411.
- SOCI 4315 Population Studies and Trends. (3 3 0)** Prerequisite: 1301. Population trends as reflected in census and other demographic studies, trends in quantity and growth of populations, and population changes as factors in society. Formerly SOCI 415.
- SOCI 4320 Loss and Grief. (3 3 0)** Prerequisite: SOCW/PSYC 2315 or permission of instructor. Processes and issues related to death and dying as well as other types of loss and grief, including divorce, adoption and foster care. Includes self-awareness about death and dying, as well as unresolved loss issues in the person's life. Formerly SOCI 420.
- SOCI 4321 Racial and Cultural Minorities. (3 3 0)** Characteristics and distribution of ethnic and other culture minorities in modern societies; nature and causes of conflicts arising from group contacts and interaction; problems of minority adjustment and assimilation. Formerly SOCI 421.
- SOCI 4322 Social Classes in Modern Society. (3 3 0)** Prerequisite: 1301. Incidence and characteristics of social-economic classes and status groups; forces which give rise to class groups and problems of mobility of individuals among them; patterns and process of conflicts and accommodation among classes; influence of social stratification on personality and group behavior. Formerly SOCI 422.
- SOCI 4325 Sociology of Gender Roles. (3 3 0)** Male and female gender roles in American society, evolution of gender roles, contemporary challenges to traditional roles in society. Formerly SOCI 425.
- SOCI 4330 Sociology of Education. (3 3 0)** Social origins of goals and curricula, theories of change and control, nature of achievement in education and educational policy. Formerly SOCI 430.
- SOCI 4341 The Community. (3 3 0)** Prerequisite: SOCW 2361 or SOCI 1306 or permission of instructor. Community organizations and problems. Development of the community, its population and occupational structure, institutions and social values, and trends in American community development. Same as SOCW 4341. Formerly SOCI 441.
- SOCI 4345 Health Care Policy and Planning. (3 3 0)** Comprehensive overview of major issues in health care practices and policy in the United States. Same as SOCW 4345. Formerly SOCI 445.
- SOCI 4351 Sociology of Religion. (3 3 0)** Nature of religious movements and the role of religion in society. Formerly SOCI 451.
- SOCI 4361 Sociological Theory. (3 3 0)** Prerequisite: 1301. Basic concepts and theories of modern sociology and examination of assumptions which underlie them. Formerly SOCI 461.
- SOCI 4362 Social Research. (3 3 0)** Prerequisite: 1301. Logic and techniques of social research. Relationship of social theory and method. Same as SOCW 4362. Formerly SOCI 462.
- SOCI 4385 Sociology of Law. (3 3 0)** Prerequisite: 1301. Social control functions of law and legal institutions in civil, criminal, family and social welfare laws. Formerly SOCI 485.
- SOCI 4396 Readings and Research. (3 0 0)** Prerequisite: 1301 and permission of instructor. Directed individual and group readings and investigations in areas of sociology not covered in available courses. May be repeated once for credit with permission of instructor. Formerly SOCI 491.
- SOCI 5302 Criminology. (3 3 0)** Crime as a social problem; theories concerning nature and causes of crime and treatment of the criminal; programs and facilities for crime prevention. Formerly SOCI 5402.
- SOCI 5304 Community Corrections. (3 3 0)** Origins, functioning and effectiveness of probation and parole with emphasis on the problem of pre-sentence/pre-release investigations and supervision. Formerly SOCI 5404.
- SOCI 5311 Contemporary Families. (3 3 0)** Families as social institutions; changes in family structure and their impact on family members; family organization and disorganization; future of the family and home. Formerly SOCI 5411.
- SOCI 5321 Research in Racial and Cultural Minorities. (3 3 0)** Characteristics and distribution of ethnic and other culture minorities in modern societies; nature and causes of conflicts arising from group contacts and interaction; problems of minority adjustment and assimilation. Formerly SOCI 5421.
- SOCI 5325 Sociology of Gender Roles. (3 3 0)** Male and female gender roles in American society; evolution of gender roles; and contemporary challenges to traditional gender roles in society. Formerly SOCI 5425.
- SOCI 5330 Sociology of Education. (3 3 0)** Social origins of goals and curricula; theories of change and control; nature of achievement in education and educational policy. Formerly SOCI 5430.

**SOCI 5345–SOCW 3362**

- SOCI 5342 Research in Juvenile Delinquency. (3 3 0)** Causes and manifestations of delinquency and the particular problem of the juvenile offender, agency for delinquency adjustment; evaluation of penal methods.
- SOCI 5345 Health Care Policy and Planning. (3 3 0)** Comprehensive overview of major issues in health care practices and policy in the United States. Formerly SOCI 5445.
- SOCI 5361 Sociological Theory. (3 3 0)** Concepts and theories of modern sociology and examination of assumptions which underlie them. Formerly SOCI 5461.
- SOCI 5362 Social Research. (3 3 0)** Logic and techniques of social research. Relationship of social theory and method. Formerly SOCI 5462.
- SOCI 5385 Research in the Sociology of Law. (3 3 0)** Social control functions of law and legal institutions with attention to civil, criminal, family and social welfare laws. Formerly SOCI 5485.
- SOCI 6099 Advanced Field Practicum. (1-6 0 0)** Prerequisite: permission of instructor. Advanced fieldwork in social agencies, under supervision, as arranged and directed by the staff. Translation and extension of theoretical knowledge in professionally supervised practice with individuals, groups and communities. May be repeated once with approval of instructor. Formerly SOCI 5584.
- SOCI 6310 Seminar in Social and Political Theory. (3 3 0)** Topics vary from classical to modern theories. May, with permission of instructor, be repeated once when topics vary. Same as POSC 6310. Formerly SOCI 5510.
- SOCI 6312 Problems in Social and Political Institutions. (3 3 0)** Critical investigation of social conditions affecting the structure and functions of contemporary social and political institutions. Same as POSC and CRIJ 6312. Formerly SOCI 5515.
- SOCI 6342 Seminar in Criminal Justice Administration. (3 3 0)** Contemporary national, state and local problems in criminal justice. With consent of instructor, may be repeated once when topics vary. Same as POSC 6342 and CRIJ 6342. Formerly SOCI 5513.
- SOCI 6362 Seminar in Criminology and Social Policy. (3 3 0)** Theories of criminal behavior and research based on these theories; analysis of criminal behavior theories and their impact on social policy. With permission of instructor, may be repeated once for credit when topics vary. Same as CRIJ 6362. Formerly SOCI 5517.
- SOCI 6364 Seminar in Deviance. (3 3 0)** Critical investigations of deviant behavior in society. Topics may include crime, delinquency, mental illness, alcoholism, drug abuse, institutionalized means of prevention and treatment. With permission of instructor, may be repeated once when topics vary. Same as CRIJ 6364. Formerly SOCI 5514.
- SOCI 6366 Seminar in Juvenile Delinquency and Juvenile Justice. (3 3 0)** Theoretical causes of delinquency and youth criminality, rehabilitation and punishment of the juvenile offender and the role of the juvenile justice system. Same as CRIJ 6366. Formerly SOCI 5516.
- SOCI 6378 Program Evaluation. (3 3 0)** Social research procedures to systematically investigate the effectiveness of social intervention programs which include history of evaluation, terminology, methodology and applications. Same as PSYC 6378. Formerly SOCI 5540.
- SOCI 6387 Seminar in Research Methods. (3 3 0)** Nonparametrics; measurement; surveys, research design; scale construction; methodology. May be repeated once

with permission of instructor. Same as CRIJ/POSC 6387. Formerly SOCI 5587.

- SOCI 6388 Statistics for Social and Criminological Research. (3 3 0)** Prerequisite: undergraduate social statistics or equivalent. Statistical techniques most commonly used in criminal justice with emphasis on probability, estimation, hypothesis methods, sample techniques and use of SPSS. Same as CRIJ/POSC 6388. Formerly SOCI 5588.
- SOCI 6392 Advanced Issues in Sociology and Social Policy (3 3 0)** Prerequisite: 1301. Social policy, applied research methods, issues in sociological theory, sociological foundations of organizational behavior, sociological foundations of administrative and welfare law, sociological perspectives of corrections or international sociological perspectives. May be repeated once for credit when subject matter varies. Formerly SOCI 5598.
- SOCI 6395 Problems in General Sociology. (3 0 0)** Prerequisite: permission of instructor. Directed individual and group investigations of specific areas in sociology including stratification, intergroup relations, socialization, social institutions and deviance. May be repeated once with permission of instructor. Formerly SOCI 5590.
- SOCI 6396 Readings in Sociology. (3 0 0)** Prerequisite: permission of instructor. Directed individual group readings and investigations in areas of sociology not otherwise covered in available courses. May be repeated for credit with permission of instructor provided topics vary. Formerly SOCI 5591.

**SOCW—Social Work**

(Offered through the Department of Behavioral Sciences.)

- SOCW 2074 Independent Study. (1-3 0 0)** Prerequisite: permission of instructor. Individual study designed to meet needs and interests of the student. Formerly SOWK 297.
- SOCW 2315 Human Behavior and Personal Adjustment. (3 3 0)** Individual and social factors which influence behavior. Emphasis on prevention of maladjustment. Same as PSYC 2315. Formerly SOWK 210.
- SOCW 2361 Introduction to Social Work. (3 3 0)** Survey and analysis of social welfare and the social work profession. Philosophy, history, fields of service, practice settings, professional roles, current issues and future directions of social work. Formerly SOWK 201.
- SOCW 2379 Practicum in Social Work. (3 0 0)** Prerequisite: 2361, permission of instructor. Supervised volunteer experience in social agencies. Successful completion will be noted on student's record by a grade of "S," indicating hours credit with no grade points. Course is not a substitute for Field Instruction I or II. Formerly SOWK 282.
- SOCW 3094 Independent Study. (1-3 0 0)** Prerequisite: permission of instructor. Individual study designed to meet needs and interests of the student. Formerly SOWK 397.
- SOCW 3098 Field Instruction I. (1-6 0 0)** Prerequisite or concurrent enrollment: 2.25 overall GPA, 3383 and permission of instructor. Beginning experience in social agencies, under faculty supervision, involving direct practice activities of the social work student with individuals, groups and community. May be repeated once with approval of instructor. Formerly SOWK 384.
- SOCW 3301 Social Welfare: Structure and Process. (3 3 0)** Historical and social forces and their impact on the social welfare institution in the United States. Formerly SOWK 301.

- SOCW 3362 Statistics for the Social Sciences. (3 3 0)** Introduction to statistical techniques most commonly used in social sciences, including nonparametric tests, correlation, sampling techniques and use of SPSS. Same as POSC 3362, SOCI 3362 and CRIJ 3362. Formerly SOWK 362.
- SOCW 3380 Human Behavior in the Social Environment. (3 3 0)** Prerequisite: 2361 and 2315. Integrated understanding of processes which influence development of individuals through the life cycle. Enables understanding of people with problems as individuals, members of groups and members of communities. Formerly SOWK 380.
- SOCW 3381 Social Policy and Planning. (3 3 0)** Prerequisite: 2361 and SOCI 1306 or permission of instructor. Institutional nature of social welfare and its relationship to other institutions in society. Skills and tasks required in policy. Formerly SOWK 381.
- SOCW 3383 Social Work Methods. (3 3 0)** Prerequisite: 3380, 3381 or permission of instructor. Introduction to principles, values and methods of social work including social case work, case management, social group work and community organization. Formerly SOWK 383.
- SOCW 4098 Field Instruction II. (1-6 0 0)** Prerequisite: 2.25 overall GPA, 3383, 3098 and permission of instructor. Fieldwork in social agencies under supervision as prescribed and arranged by the staff. Translation and extension of social work knowledge in professionally supervised practice with individuals, groups and communities. May be repeated once with approval of instructor. Formerly SOWK 484.
- SOCW 4121 Practice Methods with Diverse Populations. (1 0 2)** Various disenfranchised groups and application of practice techniques appropriate to their populations. Values, ethics and self-exploration related to diverse populations.
- SOCW 4303 Social Services for Children and Families. (3 3 0)** Prerequisite: Permission of instructor. Child welfare service including historical perspective; supportive services such as family service and child-guidance clinics; supplementary services such as day care, homemaker and protective; substitute services such as foster-family adoption and child-care institutions. Formerly SOWK 403.
- SOCW 4305 Social Services and the Aging. (3 3 0)** Prerequisite: permission of instructor. Survey of social and economic conditions of the aged in America; physical and mental aspects of aging; institutional care, governmental policies and social-service delivery systems. Same as SOCI 4305. Formerly SOWK 405.
- SOCW 4310 Group Processes. (3 3 0)** Prerequisite: permission of instructor. Understanding the nature of groups, process of group development and relevance of group work in different settings. Same as SOCI 4310. Formerly SOWK 410.
- SOCW 4320 Loss and Grief. (3 3 0)** Prerequisite: SOCW/PSYC 2315 or permission of instructor. Processes and issues related to death and dying as well as other types of loss and grief, including divorce, adoption and foster care. Includes self-awareness about death and dying, as well as unresolved loss issues in the person's life. Formerly SOWK 420.
- SOCW 4341 The Community. (3 3 0)** Prerequisite: SOCI 1306 or permission of instructor. Community organizations and problems. Development of the community, its population and occupational structure, institutions and social values, and trends in American community development. Same as SOCI 4341. Formerly SOWK 441.
- SOCW 4345 Health Care Policy and Planning. (3 3 0)** Comprehensive overview of major issues in health care practices and policy in the United States. Same as SOCI 4345. Formerly SOWK 445.
- SOCW 4362 Social Research. (3 3 0)** Logic and techniques of social research. Relationship of social theory and method. Same as SOCI 4362. Formerly SOWK 462.
- SOCW 4375 Theories of Counseling. (3 3 0)** Survey of major counseling theories and related techniques and introduction to current ethical and professional issues for the beginning human services worker. Same as PSYC 4375. Formerly SOWK 488.
- SOCW 4376 Community Resources in Corrections. (3 3 0)** Introductory study of the role of the community in corrections, community programs for adults and juveniles, administration of community programs, legal issues and future trends in community treatment. Same as CRIJ 4376. Formerly SOWK 408.
- SOCW 6310 Foundations of Social Welfare. (3 3 0)** Historical development of the social welfare system in the United States. Conceptual frameworks are developed for analyzing social welfare institutions and evaluating social welfare policies and programs. Evolution of the social work profession. Formerly SOWK 5510.
- SOCW 6341 Community and Organizational Practice. (3 3 0)** Human service organizations and community with emphasis on theory and practice models. Focuses on understanding community and organizational change. Formerly SOWK 5541.
- SOCW 6362 Research Methods in Social Work. (3 3 0)** Methods of scientific inquiry as it applies to social work. Techniques and tools of social research, problem conceptualization, research designs and data collection. Formerly SOWK 5562.
- SOCW 6380 Human Behavior and Social Environment. (3 3 0)** Behavioral and social science knowledge of human behavior and development through the life span. Majors systems in society: individual, group, family and community; and diversity of ethnicity, race, class, sexual orientation and culture. Formerly SOWK 5580.
- SOCW 6498 Applied Social Work Practice II. (4 0 0)** Prerequisite: 6599. Builds on experience gained from ASWP I. Provides opportunity for the application of social work values, knowledge and skills gained in the classroom and from ASWP I in the student's area of concentration. Formerly SOWK 6551.
- SOCW 6499 Applied Social Work Practice III. (4 0 0)** Prerequisite: 6599. Builds on experience gained from ASWP I and II. Provides opportunity for the application of social work values, knowledge and skills gained in the classroom and from earlier field experience in the student's area of concentration. Formerly SOWK 6552.
- SOCW 6599 Applied Social Work Practice I. (5 0 0)** Prerequisite: Methods or Direct Practice, 4341 or 6341, 3380 or 6380 and 3301 or 6310. Beginning generalist social work practice experience in social agencies, under faculty supervision, involving practice activities of students with individuals, groups and communities. Formerly SOWK 5551.

**SPAN 1411–THRE 1371****SPAN—Spanish**

(Offered through the Department of English and Modern Languages.)

- SPAN 1411 Elementary Spanish I. (4 3 2)** Development of fundamental skills in speaking, listening, reading, writing and grammar. Fall, spring, summer. Formerly SPAN 106.
- SPAN 1412 Elementary Spanish II. (4 3 2)** Prerequisite: 1411 or equivalent. Continuation of 1411. Fall, spring, summer. Formerly SPAN 107.
- SPAN 2311 Intermediate Spanish I. (3 3 0)** Prerequisite: 1412 or equivalent. Strengthens skills in speaking, listening, reading, writing and grammar. Fall, spring, summer. Formerly SPAN 206.
- SPAN 2312 Intermediate Spanish II. [SPAN 2312] (3 3 0)** Prerequisite: 2311 or equivalent. Strengthens skills in speaking, listening, reading, writing and grammar. Fall, spring, summer. Formerly SPAN 207.
- SPAN 2371 Spanish for Professionals. (3 3 0)** Prerequisite: 1412 or equivalent and consent of instructor. Topics include business Spanish, medical Spanish, Spanish for law enforcement. May be repeated once for credit. Fall. Formerly SPAN 201.
- SPAN 3094 Independent Study. (1-3 0 0)** Individual study designed to meet needs and interests of the student. Formerly SPAN 390.
- SPAN 3301 Advanced Spanish. (3 3 0)** Prerequisite: 2312 or equivalent. Enrichment of vocabulary and enhancement of skills in speaking, listening, reading and writing. Preparation for TOPT. Fall. Formerly SPAN 301.
- SPAN 3307 Advanced Conversation. (3 3 0)** Prerequisite: 2312 or equivalent. Oral practice and presentations. Spring of odd years. Formerly SPAN 307.
- SPAN 3308 Vocabulary Building and Composition. (3 3 0)** Prerequisite: 2312 or equivalent. Development of advanced vocabulary in speaking, listening, reading and writing. Formerly SPAN 308.
- SPAN 3314 Latin American Culture and Civilization. (3 3 0)** Prerequisite: 2312 or equivalent. The geography, history, indigenous cultures, politics, literature and art of Latin America. Fall of even years. Formerly SPAN 314.
- SPAN 3315 Spanish Culture and Civilization. (3 3 0)** Prerequisite: 2312 or equivalent. The geography, history, ancient cultures, politics, religion, literature and art of Spain. Fall of odd years. Formerly SPAN 315.
- SPAN 3340 Language Arts for Bilingual Students I. (3 3 0)** Prerequisite: 2312 or equivalent. Language acquisition theories, developmental theories and history of bilingual education in the United States. Summer. Formerly SPAN 340.
- SPAN 3341 Language Arts for Bilingual Students II. (3 3 0)** Prerequisite: 2312 or equivalent. Methodologies and Spanish vocabulary for major subject areas at elementary school level. Summer. Formerly SPAN 341.
- SPAN 4320 Advanced Spanish Grammar. (3 3 0)** Prerequisite: 2312 or equivalent. Advanced grammatical structures in reading, writing, listening and speaking. Fall of odd years. Formerly SPAN 420.
- SPAN 4330 Spanish Phonology. (3 3 0)** Prerequisite: 2312 or equivalent. The sound system of the Spanish language. Spring of odd years. Formerly SPAN 430.
- SPAN 4340 Spanish in the Southwest. (3 3 0)** Prerequisite: 2312. Southwest Spanish dialects, including phonology, regional

expressions and borrowed vocabulary. Spring of even years. Formerly SPAN 440.

- SPAN 4355 Spanish American Literature. (3 3 0)** Prerequisite: 2312 or equivalent. Selected works by major Spanish American writers. May be repeated once for credit when topics vary. Every second or third year. Formerly SPAN 455.
- SPAN 4365 Spanish Literature. (3 3 0)** Prerequisite: 2312 or equivalent. Selected works by major Spanish writers. May be repeated once for credit when topics vary. Every second or third year. Formerly SPAN 465.
- SPAN 4375 Hispanic Writers in the U.S. (3 3 0)** Prerequisite: 2312 or equivalent. Literary works of Hispanic heritage writers in the U.S., with emphasis on contemporary authors. Every second or third year. Formerly SPAN 475.
- SPAN 4385 Hispanic Film. (3 3 0)** Prerequisite: 2312 or equivalent. Films from Spain and Spanish America. Analysis of cultural issues (social, political and historical) within films. Taught in Spanish.
- SPAN 5340 Language Arts for Bilingual Students I. (3 3 0)** Prerequisite: 2312 or equivalent. Language acquisition theories, developmental theories and history of bilingual education in the United States. Summer.
- SPAN 5341 Language Arts Bilingual Students II. (3 3 0)** Prerequisite: 2312 or equivalent. Methodologies and Spanish vocabulary for major subject area at elementary school level. Summer.

**THRE—Theatre**

(Offered through the Department of Art, Communication and Theatre.)

- THRE 1120 Drama Workshop Practicum. [DRAM 1120] (1 0 2)** Practical experience and instruction in the theatrical production process. May be repeated up to a total of six semester hours. Fall, spring. Formerly THRE 251.
- THRE 1310 Introduction to Theatre Arts. [DRAM 1310] (3 3 0)** Not for credit to theatre majors. Various aspects of theatre arts: acting, theatre architecture, dramatic theory, theatre history and various areas of production. Fall, spring. Formerly THRE 105.
- THRE 1330 Stagecraft. [DRAM 1330] (3 3 0)** Planning and techniques of constructing stage settings and special scenic units for all types of productions. Spring. Formerly THRE 220.
- THRE 1341 Make-Up. [DRAM 1341] (3 3 0)** Relationship between stage characterization and stage make-up. Each student gains practical experience in applying make-up. Spring, fall. Formerly THRE 256.
- THRE 1351 Acting I: Basic Techniques. [DRAM 1351] (3 3 0)** Development of basic acting skills and introduction to foundational theories. Emphasis on physical expression. Fall. Formerly THRE 121.
- THRE 1352 Acting II: Character Development. [DRAM 1352] (3 3 0)** Prerequisite: 1351. Further development of basic acting skills with emphasis on character development. Discovery, discussion and exercise of inner-action. Connection of physical and emotional expression. Spring. Formerly THRE 221.
- THRE 1371 Dramatic Criticism. (3 3 0)** Basics of critiquing dramatic and theatrical texts, live theatrical productions and filmed performances from a performance viewpoint. Fall. Formerly THRE 120.

- THRE 1373 Theatre Design Concepts. (3 3 0)** Principles and practices of theatre design concepts in areas of set, light and costume design. Spring. Formerly THRE 135.
- THRE 2074 Independent Study. (1-3 0 0)** Individual study designed to meet needs and interests of the student. May be repeated. Fall, spring. Formerly THRE 298.
- THRE 2331 Concepts in Technical Production. (3 3 0)** Prerequisite: 1373. Survey of theatre technology and production crafts. Topics include drafting, scenic construction, properties, rigging, scenic painting, metal work, electricity and audio. Formerly THRE 234.
- THRE 2374 Actor's Voice and Movement. (3 3 0)** Use and training of the voice and body for the stage. Vocal process, regional dialect control, physical centeredness, expression and versatility. Fall of odd years. Formerly THRE 204.
- THRE 2376 Summer Theatre I. (1-3 0 0-6)** May be repeated for a total of six semester hours. A maximum of three semester hours may count toward the major. Summer I, summer II. Formerly THRE 281.
- THRE 3094 Independent Study. (1-3 0 0)** Individual study designed to meet needs and interests of the student. May be repeated. Fall, spring. Formerly THRE 398.
- THRE 3199 Advanced Drama Workshop Practicum. (1 0 2)** Prerequisite: 1120 (three hours). Advanced experience and instruction in the theatrical production process. May be repeated up to a total of six semester hours. Fall, spring. Formerly THRE 351.
- THRE 3312 Play Direction I. (3 3 0)** Prerequisite: 1371 and 1352. Directing theory, directing history and play analysis. Emphasis on intrinsic and extrinsic interpretation as well as composition, ensemble and director-actor communication. Research and preparation for theatrical production. Fall of even years. Formerly THRE 312.
- THRE 3335 Concepts in Light Design. (3 3 0)** Prerequisite: 1373 and 2331. Theory and practice in light design and equipment. Application of lighting to stage production through play analysis, color theory and development of a light plot. Formerly THRE 335.
- THRE 3340 Computer-Aided Drafting for Theatre. (3 2 2)** Principles and techniques of a computer-aided drafting program and of a stage-lighting spreadsheet for the performing arts student. Every other year. Formerly THRE 340.
- THRE 3351 Acting III: Styles in Acting. (3 3 0)** Prerequisite: 1352. Various acting periods in the historical genre of theatre. Exploration of period mannerisms, physicality, etiquette, social environment and behavior. Fall of even years. Formerly THRE 321.
- THRE 3370 Theatre Fundamentals. (3 3 0)** Prerequisite: 1371, 3312. Synthesis of theatre subjects, processes and theories for presentation and demonstration. Intergration of acting, directing, history, technical theatre and design. Formerly THRE 370.
- THRE 3374 Actor's Voice and Movement II. (3 3 0)** Prerequisite: 2374. Advanced use and training of voice and body for stage. Advanced voice and diction process, advanced expression and movement including stage combat and commedia dell arte. Spring of even years. Formerly THRE 304.
- THRE 3376 Summer Theatre II. (1-3 0 0-6)** Prerequisite: six semester hours of theatre, English or education. May be repeated for a total of six semester hours. A maximum of three semester hours may count toward the major. Summer I, summer II. Formerly THRE 381.
- THRE 3392 Special Topics in Theatre. (3 3 0)** Specialized study in theatre as necessary due to advances in technology, research or performance. May be repeated once. Formerly THRE 399.
- THRE 4312 Play Direction II. (3 3 0)** Prerequisite: 3312. Application of research and analysis through auditioning, casting, rehearsing and producing a studio one-act play. Application of directing theory, policy and procedure. Spring of odd years. Formerly THRE 412.
- THRE 4335 Concepts in Scenic Design. (3 3 0)** Prerequisite: 1373, 2331, 3335. Theory and practice in scenic design creating stage settings through script, color and architectural analysis. Practical application through rendering and/or modeling and technical drawings. Formerly THRE 435.
- THRE 4345 Stage Management. (3 3 0)** Prerequisite: 1371, 1373. Designed as an introduction to the art and practice of managing a live production for theatre. Styles of management and techniques used in professional and educational theatre are explored. Emphasis on organization and communication. Every other year. Formerly THRE 445.
- THRE 4351 Acting IV: Advanced Acting. (3 3 0)** Prerequisite: 3351. Advanced study of acting with emphasis on classical material and professional preparation. Spring of even years. Formerly THRE 421.
- THRE 4361 Theatre History I. (3 3 0)** Development of theatre from its beginnings through the 1500s. Chronological study of theatre as a worldwide institution. Fall of even years. Formerly THRE 494.
- THRE 4362 Theatre History II. (3 3 0)** Development of theatre from 1600 through the present. Chronological study of theatre as a worldwide institution. Spring of odd years. Formerly THRE 495.
- THRE 4393 Honors. (3 0 0)** Prerequisite: senior standing and approval of theatre faculty. Completion of a senior thesis or research project by a student who is a candidate for graduation with honors in the department. Fall, spring. Formerly THRE 499.
- THRE 6321 Special Problems in Acting and Directing. (3 0 0)** Problems, projects and advanced exploration developed around graduate-level performance opportunities in acting and directing. May be repeated once. Formerly THRE 5521.
- THRE 6335 Special Problems in Theatre Design and Technology. (3 0 0)** Problems, projects and advanced exploration developed around advanced theatre technology and graduate-level design. May be repeated once. Formerly THRE 5535.
- THRE 6396 Readings and Research in Theatre. (3 0 0)** Intensive readings and research in theatre history, theatre criticism or other areas of theatrical specialization. May be repeated once. Formerly THRE 5594.