

ANTH 667 Primitive Mythology (3). S/W Methods of studying the mythology of nonliterate peoples; historical survey of theories of myth; consideration of world-wide myths and primitive mythologies from specific cultures. LEC

ANTH 670 Contemporary American Culture (3). S An anthropological investigation, in seminar format, of the social consequences of transformations in today's society. Specific topics may include: the information explosion; developments in science and technology; genetics and assisted reproduction; ethnic and cultural diversity; and changing views of the normal and abnormal, sexual and other forms of relationships, and of the self. Prerequisite: An introductory course in cultural anthropology, sociology, or American studies. LEC

ANTH 671 The Culture of Consumption: (e.g. United States and Japan) (3). S Examines the ideologies of capitalism and consumerism as they influence social institutions and daily life. Topics for consideration grow out of instructors' interests and may include areas such as class, religion, advertising, politics, gender, medicine, environment, childhood, and education. Prerequisite: ANTH 560 or permission of instructor. LEC

ANTH 672 Meat and Drink in America (3). S This seminar examines food and beverage production and consumption in the United States. Organized metaphorically as a meal, the course explores where food and beverages come from, how they are produced and by whom, and what they mean to us as eaters and drinkers. Although the course surveys food and beverage production and consumption in general, special attention is given to meat and poultry, alcohol, coffee, carbonated drinks, regional foods, opposition to consumption of meat and alcohol, and tobacco. LEC

ANTH 673 Neoliberalism and Globalization (3). S Transnational processes profoundly shape the 21st century human experience. This course links theories of economic globalization with ethnographic case materials. It explores the spread of the dominant ideology driving these processes and the effects of neoliberal policies on the urgent and vital matters facing humanity today: war and peace, social justice, democracy, cultural pluralism, and ecologically sustainable development. The course thereby links macro-economic policies to the experiences of families, workers, communities, women, indigenous peoples, and other social groups. Prerequisite: ANTH 560 or permission of instructor. LEC

ANTH 674 Political Anthropology (3). S Analysis of political systems of tribal societies and of pre-industrial states. LEC

ANTH 675 Anthropology of Law (3). S Comparative analysis of the legal and political stratagems used to achieve social control in both Western and non-Western cultures. Emphasis on the differential use of customary and legal sanctions, formalized procedures of negotiation or adjudication, and the role of legal specialists in society. LEC

ANTH 680 Culture and Human Biology (3). S A lecture course concerned with the relationship between culture and biological systems; the prohibition of incest; socialization and aggression in ethnological studies; disease and therapy; and other alterations of mind and body states. LEC

ANTH 684 Anthropology and the Health Sciences (3). S Ecology of human health; cultural and social factors in the etiology of human diseases; social and cultural variables involved in health practices, programs, the organization of healing systems and the diagnostic process; the consequences of health innovations and medicotechnical apparatus. LEC

ANTH 695 Cultural Ecology (3). S Investigation of the interrelations between sociocultural systems and the natural environment, including a survey of major theories and descriptive studies. (Same as GEOG 670.) LEC

ANTH 696 Language, Culture, and Ethnicity in Prehistoric Eastern Europe (3). S The course is for students who wish to understand the prehistory of Eastern Europe with special attention to the Slavs. The interdisciplinary course examines East European prehistory from the perspectives of archaeology and linguistics, considering also how ideologies have influenced the interpretation of results. No language prerequisite. (Same as SLAV 635) LEC

ANTH 699 The Anthropology Museum (3). S The history, philosophy, and function of anthropological museums, including a consideration of archaeological, ethnographic, and physical anthropological collections as records, research tools, and as resources for cross-cultural experiences. Special attention will be devoted to the Museum of Anthropology at K.U. LEC

ANTH 701 History of Anthropology (3).

ANTH 702 Current Archaeology (3).

ANTH 703 Current Biological Anthropology (3).

ANTH 704 Current Cultural Anthropology (3).

ANTH 705 Technological Change: ____ (3).

ANTH 710 History of American Archaeology (3).

ANTH 715 Seminar in Plains Archaeology: ____ (2-4).

ANTH 718 Seminar in Latin American Archaeology: ____ (3).

ANTH 720 Seminar in Old World Prehistory: ____ (2-4).

ANTH 730 Linguistics in Anthropology (3).

ANTH 740 Linguistic Data Processing (3).

ANTH 741 Field Methods in Linguistic Description (3).

ANTH 747 North American Indian Languages (3).

ANTH 748 Language Contact (3).

ANTH 749 Linguistics and Ethnolinguistics of China and Central Asia: ____ (3).

ANTH 750 Disease and Adaptation (3).

ANTH 754 Biological Bases of Human Behavior (3).

ANTH 756 Genetics of Isolates (3).

ANTH 759 Dental Anthropology (3).

ANTH 761 Introduction to Medical Anthropology (3).

ANTH 762 Human Growth and Development (3).

ANTH 764 Selected Topics in Human Paleontology: ____ (3).

ANTH 766 Topics in Biological Anthropology: ____ (3).

ANTH 769 Seminar in Primate Studies (3).

ANTH 770 Research Methods in Physical Anthropology (3).

ANTH 775 Seminar in Cultural Anthropology: ____ (3-9).

ANTH 778 Seminar in Applied Cultural Anthropology (3).

ANTH 780 Social Organization (3).

ANTH 781 Symbolic Anthropology (3).

ANTH 783 Doing Ethnography (3).

ANTH 785 Topics in Ethnology: ____ (3).

ANTH 786 Ethnographic Documentary Production (3).

ANTH 788 Symbol Systems: ____ (3).

ANTH 789 Anthropology of Gender: Advanced Seminar in the Four Fields (3).

ANTH 794 Material Culture (3).

ANTH 799 Anthropology Museum Apprenticeship (1-6).

Applied Behavioral Science

The KU Program in Human Development and Family Life

Chair: Edward K. Morris, abs@ku.edu
 Dole Human Development Center, 1000 Sunnyside Ave., Room 4001
 Lawrence, KS 66045-7555, www.abs.ku.edu
 (785) 864-4840, fax: (785) 864-5202

Degrees offered: B.A., B.G.S., M.A., Ph.D., Ph.D./M.P.H.

Why study applied behavioral science? Study applied behavioral science because a science of behavior helps us understand and improve the human condition, both individually and globally.

The department teaches students to understand behavior and solve societal problems through evidence-based practice and critical thinking in applied behavioral science. Areas of application include infancy and early childhood, developmental disabilities, delinquency and juvenile justice, independent living and rehabilitation, physical disabilities, health promotion and community development, and basic research and conceptual foundations. Introductory and core courses provide a sequence of instruction in (1) the basic principles of behavior; (2) applications of these principles to programs for solving problems of individual and societal importance; (3) rules of evidence for data-based decision-making in solving these problems; and (4) the conceptual, comparative, and historical foundations of modern behavioral science. Specialty courses instruct students further about the contexts of application at the individual, family, and community levels. Recommended courses in other departments and schools provide students with an even broader appreciation for the diversity of society's problems and an interdisciplinary perspective on their solutions (e.g., biology, psychology, sociology, political science, social welfare, special education). A practicum in the senior year integrates course requirements with supervised training or research experience.

Courses for Nonmajors

All 100-level ABSC courses are open to nonmajors. Each fulfills a College principal course distribution requirement in the social sciences for either individual behavior or public affairs; ABSC 310/ABSC 311 also fulfills the public affairs requirement. Courses numbered from ABSC 200 to ABSC 674 are open to nonmajors who have the prerequisites. Practicum courses numbered ABSC 675 and higher are restricted to majors unless students have the instructor's permission.

Majors

Preparation, Advising, and Careers. To graduate with the major in four years, prospective majors should enroll in the introductory course and one of the 300-level core courses during the first two years and list ABSCA-B.A. as their interest code on the College's ARTS form. By the end of the second year, they should have consulted with a faculty adviser about degree require-

ments, specialty areas, and career opportunities. By the end of the third year, they should have taken the prerequisite courses for the fourth-year practicum. This information may also be found in the department's *Undergraduate Handbook*, available in the main office and online at www.absc.ku.edu. By the beginning of the junior year, majors should complete the College's Major Declaration form. They should list either ABSCA-B.A. or ABSCA-BGS as the major code on the ARTS form for a Bachelor of Arts or Bachelor of General Studies degree, respectively.

Requirements for the B.A. or B.G.S. Major. The major requires 33 credit hours, 15 of them at the junior/senior level, that is, courses numbered 300 and higher. The courses are sequenced as follows:

Introductory Course (3 hours)

- ABSC 100 Introduction to Applied Behavioral Science (3) **or**
- ABSC 101 Introduction to Applied Behavioral Science, Honors (3) 3

Core Courses (10 hours)

- ABSC 304 The Principles and Procedures of Behavior Modification and Therapy .. 3
- ABSC 308 Research Methods and Application 4
- ABSC 509 Contemporary Behavioral Science: Historical, Conceptual, and Comparative Foundations 3

Specialty Areas. All majors select a specialty area from those listed below and from one of the options within them, if offered. Students should see advisers in their prospective specialty areas by the end of the sophomore year. The areas and the options are

1. *Early Childhood*
Early Childhood Autism Intervention
Early Childhood Education and Intervention
Early Childhood Research
2. *Youth Development and Juvenile Justice*
Delinquency and Juvenile Justice
3. *Adults with Disabilities*
Adults with Developmental Disabilities
4. *Community Health and Development*
Community Leadership
Health Promotion
Independent Living
5. *Basic Research and Conceptual Foundations*
Basic Research
Historical and Conceptual Foundations

Alternative specialty areas may be arranged with the prior approval of the department's undergraduate curriculum committee and a faculty adviser, who mentors the student.

Content Courses (14-17 hours). Each specialty area has its own required and elective content courses. The electives are junior/senior-level courses necessary to complete the 33-hour major and its requirement of 15 junior/senior hours. They are drawn from either a recommended or a restricted list of courses. Students are encouraged to select content courses for their College general education requirements that complement their specialty areas, such as courses in the biological sciences, social sciences, and humanities, and in the professional schools (e.g., special education, social welfare, premedicine).

Practicum Courses (3-6 hours). Each specialty area has a practicum requirement that provides supervised, hands-on training or research experience. The minimum prerequisite for the practicum courses is completion of (or concurrent enrollment in) an introductory course, ABSC 304 and ABSC 308, or permission of the instructor. Some practicum courses also require completion of (or concurrent enrollment in) the required specialty area courses. Students should consult advisers in their specialty areas early in the junior year about practicum placements, prerequisites, and requirements.

Limitations. No more than a total of 6 hours of ABSC 279, ABSC 469, ABSC 479, ABSC 489, and ABSC 499, and no more than 6 hours of practicum, apply to the 33-hour major.

International Experience, Research Experience, and Service Learning. The department offers students opportunities to obtain international experience in a program offered jointly with KU Study Abroad (ABSC 279, ABSC 479) and research experience with faculty members who teach research courses or a research practicum (ABSC 499, ABSC 599, ABSC 679, ABSC 692, ABSC 693, ABSC 698, ABSC 699). Research experience is recommended for students planning to attend graduate school. The department

also offers some courses that include a service-learning component. Many of these programs, research experiences, and service-learning courses meet university requirements in these areas.

Double Majors. The department encourages double majors and minors in other departments. Double majors are especially appropriate for students planning to attend graduate school or enter professional programs (e.g., psychology, law, medicine). Any of the College's other majors may be appropriate, but among the more common are psychology, human biology, sociology, political science, and speech-language-hearing.

Requirements for the Minor. The department offers a minor that complements majors in other departments, as well as career and service interests. It requires 18 hours, including ABSC 100/ABSC 101 and 12 junior/senior hours. Students may elect a set of courses specific to any of the department's specialty areas (e.g., community health and development; see the *Undergraduate Handbook*).

Behavior Analysis Certification. The department offers a program that qualifies students to become Board Certified Associate Behavior Analysts™. Students must pass ABSC 100, ABSC 304, and ABSC 308; obtain requisite supervised or mentored experience; complete the major; complete the KU degree; and pass a national examination. The Behavior Analysis Certification Board® has pre-approved ABSC 100, ABSC 304, and ABSC 308 for admission to the national examination. Students should meet with a BACB® adviser early in the junior year (see also www.bacb.com).

Early Childhood. For information, see the School of Education chapter of this catalog.

Honors. The department's honors program is suited for students planning to attend graduate school. Students are expected to enroll in two semesters of ABSC 599 for a total of 4 to 8 credit hours. The course combines small-group discussions on advanced topics in applied behavioral science, along with honors thesis supervision of a project of the student's design. Honors students are invited to attend the ABS graduate proseminar or department colloquium series. Students should meet with the department's honors adviser by the middle of the junior year to identify a faculty member with whom to complete the project. Prerequisite: Completion of at least 60 hours in the College with a grade-point average of 3.25 and an average of 3.5 in the department.

Career Opportunities

The department prepares students for careers in their specialty areas, as well as for graduate school and professional training. Careers include work in such fields and settings as early childhood education; early childhood intervention programs; community programs for children, youth, and adults with developmental disabilities; programs for individuals with physical disabilities; delinquency, juvenile justice, and law enforcement; public health and health care; and community-based and non-governmental organizations. Students enter graduate and professional schools in such areas as applied behavior analysis, applied developmental psychology, clinical and counseling psychology, community development, gerontology, law, medicine, public health, social welfare, and special education.

The Department of Applied Behavioral science offers KU's program in human development and family life.



■ Applied Behavioral Science Courses

ABSC 100 Introduction to Applied Behavioral Science (3). SI S This course introduces students to the principles of scientific inquiry in applied behavioral science: objectivity, definitions, observation, reliability, validity, correlation and its limitations, causation, experimental design and analysis, and the interpretation of data. These principles are presented in the context of solving individual and societal problems across the lifespan, for example, in early childhood education, public health, developmental disabilities (e.g., autism), delinquency, independent living for people with disabilities, educational systems, and gerontology. LEC

ABSC 101 Introduction to Applied Behavioral Science, Honors (3). SI S This course introduces students to the principles of scientific inquiry in applied behavioral science: objectivity, definitions, observation, reliability, validity, correlation and its limitations, causation, experimental design and analysis, and the interpretation of data. These principles are presented in the context of solving individual and societal problems across the lifespan, for example, in early childhood education, public health, developmental disabilities (e.g., autism), delinquency, independent living for people with disabilities, educational systems, and gerontology. Open only to students in the University Honors Program. LEC

ABSC 140 Introduction to Principles of Behavior (3). SI S An introduction to rationales, methods, and findings resulting from the empirical study of human behavior. Readings, lectures, videos, and classroom demonstrations are used to illustrate various principles of behavior and techniques of application. These principles are organized into a general theory of human conduct that is contrasted with alternative explanations of human behavior. Students learn basic principles of scientific method and their implications for behavioral science and human affairs. (Formerly HDFL 140.) LEC

ABSC 150 Community Leadership (3). SF S An introduction to analysis, intervention, evaluation, and leadership in contemporary problems facing local communities. Readings, lectures, and service-learning activities enable students to understand community problems and how citizens and professionals can address them. (Formerly HDFL 150.) LEC

ABSC 151 Community Leadership, Honors (3). SF S An introduction to analysis, intervention, evaluation, and leadership in contemporary problems facing local communities. Readings, lectures, and service-learning activities enable students to understand community problems and how citizens and professionals can address them. Open only to students in the University Honors Program. (Formerly HDFL 151.) LEC

ABSC 160 Introduction to Child Behavior and Development (3). SI S An introduction to child behavior and development with an emphasis on the normal developmental range of growth, intelligence, cognition, emotion, language, and social skills from birth to adolescence. (Formerly HDFL 160.) LEC

ABSC 268 Introduction to Marriage and Family Relations (3). S This course focuses on the family unit and the factors that affect its development. Topics include dating and cohabitation; family and lifestyle diversity; parental roles and child development; divorce and stepfamilies. The course emphasizes research related to these issues. (Formerly HDFL 288.) LEC

ABSC 279 Study Abroad Topics in: _____ (1-5). S A course designed to enhance international experience in topic areas related to applied behavioral science at the freshman/sophomore level. Course work must be arranged through the Office of KU Study Abroad. May be repeated for credit if the content differs. Prerequisite: Department permission. LEC

ABSC 304 The Principles and Procedures of Behavior Modification and Therapy (3). S An advanced examination of the principles of applied behavior analysis as used to address problems in developmental disabilities, childhood autism, language development, early childhood education, with adolescent and family life, and in normal everyday adult behavior. Issues in measurement, design, and evaluation of the effects of applied behavior analysis procedures and ethical implications of the use of these procedures are examined. Procedures used to teach and maintain appropriate behaviors, eliminate inappropriate behaviors, and develop comprehensive behavioral intervention programs are described. (Formerly HDFL 304.) Prerequisite: ABSC 100/101 or ABSC/HDFL 140. LEC

ABSC 308 Research Methods and Application (4). S Examines research methods used to identify, describe, understand, and intervene on socially important problems occurring across the life span (e.g., early childhood, adolescence, elders) and in varied settings (homes, classrooms, group-care facilities, and communities). Discusses research methods and concepts (e.g., prediction, experimental control, reliability, validity) within scientific, psychological, and behavior-analytic frameworks. Presents strategies and tactics regarding descriptive and experimental methods, direct and indirect measurement, graphical and statistical analysis, and single-subject and group experimental designs. Examines ethics and social responsibility in research. Provides opportunities to read primary and secondary sources, develop research questions, write and present research proposals, and assist in the conduct of research projects. (Formerly HDFL 308.) Prerequisite: ABSC/HDFL 140 or ABSC/HDFL 304. LEC

ABSC 310 Building Healthy Communities (3). SF S This course teaches knowledge and skills for addressing issues in community health and development (e.g., substance abuse, adolescent pregnancy, child and youth development, prevention of violence). Students learn core competencies such as analyzing community problems and goals, strategic planning, intervention, and evaluation. In a service-learning component, students apply these skills to issues that matter to them and to the communities they serve. (Formerly HDFL 310.) LEC

ABSC 311 Building Healthy Communities, Honors (3). SF S This course teaches knowledge and skills for addressing issues in community health and development (e.g., substance abuse, adolescent pregnancy, child and youth development, prevention of violence). Students learn core competencies such as analyzing community problems and goals, strategic planning, intervention, and evaluation. In a service-learning component, students apply these skills to issues that matter to them and to the communities they serve. (Formerly HDFL 311.) Prerequisite: Open only to students in the University Honors Program. LEC

ABSC 342 Adult Development and Aging (3). S An overview of environmental, cultural, and biological influences of adult development and aging. Course material is organized in terms of topics, rather than presenting a chronological account. (Formerly HDFL 342.) Prerequisite: ABSC 100/101, ABSC/HDFL 140, ABSC/HDFL 150/151, or ABSC/HDFL 160. LEC

ABSC 350 The Behavioral Treatment of Children with Autism (3). S Students learn about methods of teaching children with autism and about evaluating those methods. Topics include: basic methods of teaching as applied to imitation, productive and receptive language, self-help skills, and engagement in community activities, as well as observation and measurement of behavior in community settings and evaluating consumer satisfaction. The course consists of classroom lectures, discussions, demonstrations, examinations, and completion of laboratory and observation assignments. Enrollment priority is given to majors who intend to do practicum work with children with autism. (Formerly HDFL 350.) Prerequisite: ABSC/HDFL 304 or instructor permission. LEC

ABSC 356 Foundations of Early Childhood Education (3). S This course introduces students to the field of early childhood education. Contemporary perspectives and professional practices are examined through an analysis of historical and philosophical ideologies. (Formerly HDFL 356.) Prerequisite: ABSC/HDFL 160 or instructor permission. LEC

ABSC 405 Children and Media (3). U The applied study of child development theories and research methods on the influences and effects of television and related visual media on childhood in the contexts of families, schools, and society. (Same as PSYC 405 and TH&F 405.) (Formerly HDFL 405.) LEC

ABSC 410 Behavioral Approaches in Working with Adolescents (3). S Addresses some of the basic behavioral techniques used with juveniles who have problems in school, at home, or in the community: readings and role-playing sessions covering assessment of problems, relationship development, observing and defining behavior, teaching and contracting techniques, and counseling. (Formerly HDFL 410.) Prerequisite: ABSC/HDFL 140; ABSC/HDFL 304 highly recommended. LEC

ABSC 425 Teaching Apprenticeship in Applied Behavioral Science (3). S Students read new materials, become more fluent with ABSC 100 content, and acquire tutoring skills. Course may not be repeated. Prerequisite: ABSC 100 and consent of the instructor and department chair. LEC

ABSC 433 Analysis of Cultural, Ethnic, and Gender Roles in Childhood and Adolescence (3). S This course examines aspects of different cultures and ethnic groups, and the definitions of gender role behavior found in them. The research literature in these areas is reviewed and the implications for early childhood education settings are studied. The course examines this literature in order to provide an increased understanding of effective approaches to educational practices directly related to the structure of society in the United States. (Formerly HDFL 433.) Prerequisite: ABSC/HDFL 160 or instructor permission. LEC

ABSC 437 Independent Living and People with Disabilities (3). S A multi-disciplinary seminar exploring theory, method, research, and practice in independent living. The course reviews personal and environmental factors as they relate to everyday problems affecting people with varying disabilities. It also contains service-learning activities in which students apply skills and knowledge gained in the classroom. (Formerly HDFL 437.) Prerequisite: An introductory course in social sciences or consent of the instructor. LEC

ABSC 444 Curriculum Development for Young Children (3). S A survey of educational materials and activities appropriate for young children. Students explore several components of effective curriculum development (e.g., objectives, methods of activity presentation, teaching strategies) and learn to integrate them to construct curricula for a range of content and skill areas. By focusing on functional components of a curriculum, students learn to construct, critically evaluate, and modify curricula for typically and atypically developing children. (Formerly HDFL 444.) Prerequisite: ABSC/HDFL 100/101, ABSC/HDFL 140, or ABSC/HDFL 304. LEC

ABSC 455 Health, Safety, and Nutrition in Early Childhood Development (3). S This course addresses children's health, safety, and nutritional needs and contemporary approaches to achieving wellness. Students develop analytical skills through read-

KU's Schiefelbusch Institute for Life Span Studies comprises 12 centers or major programs conducting more than 80 research, training, and demonstration projects supported by federal grants.

Through the Institute for Life Span Studies, KU has disseminated teaching methods and procedures that have profoundly changed social expectations and attitudes toward people with disabilities.

ing, discussion, and application of theoretical and empirical concepts. Current research results are emphasized and applied to course problem sets and projects. (Formerly HDFL 455.) Prerequisite: ABSC/HDFL 160 or equivalent knowledge. LEC

ABSC 469 Special Topics in: ____ (1-3). S A course designed for the study of special topics in applied behavioral science. Course content addresses major topics and specialized issues in the field. May be repeated for credit if the content differs. Prerequisite: Instructor permission. LEC

ABSC 479 Study Abroad Topics in: ____ (1-5). S A course designed to enhance international experience in topic areas related to topics in applied behavioral science at the junior/senior level. Course work must be arranged through the Office of KU Study Abroad. May be repeated for credit if the content differs. Prerequisite: Department permission. LEC

ABSC 486 Issues in Parenting (3). S Theoretical approaches to the study of parenting and parent-child relationships, techniques for analyzing common parenting problems, designing appropriate interventions, fostering effective communication skills, understanding issues of diversity, and promoting parent education programs. Professional collaboration and support of families and children are emphasized throughout. Students develop analytical skills through reading, discussion, and application of theoretical and empirical concepts. (Formerly HDFL 486.) Prerequisite: ABSC/HDFL 160 or equivalent knowledge of child development or child psychology. LEC

ABSC 489 Directed Readings in: ____ (1-3). S A course designed for directed readings in applied behavioral science. Readings address major topics and specialized issues in the field. May be repeated for credit if the content differs. (Formerly HDFL 484.) Prerequisite: Instructor permission. IND

ABSC 499 Directed Research in: ____ (1-3). S Basic and applied research experience. The course provides training in research methods, measures, and designs, and the conduct of research, in the behavioral sciences. May be repeated for credit if the content differs. Prerequisite: Instructor permission. RSH

ABSC 509 Contemporary Behavioral Science: Historical, Conceptual, and Comparative Foundations (3). S This course provides a survey of modern behavioral science and its applications. It reviews the field's history; integrates its sub-disciplines; situates it within the natural sciences, social sciences, and humanities; and compares and contrasts it with other perspectives. It covers recent advances in research, their implications for understanding human behavior, and their application to solving societal problems. And, it addresses the ethical implications of applied behavioral science. (Formerly HDFL/ PSYC 641.) Prerequisite: ABSC 100/101 or ABSC/HDFL 140, and ABSC/HDFL 304 or instructor permission. LEC

ABSC 535 Developmental Psychopathology (3). S A review of contemporary psychological and developmental disorders of children and youth. Course presents current models of psychopathology, classification systems, assessment methods, and treatment approaches designed for the individual, the family, and the community. Specific attention is given to age, gender, and cultural differences and similarities. Topics include: anxiety disorders, oppositional behavior disorders, physical/sexual abuse, learning disabilities, depression, chronic physical illness, and autism. (Same as PSYC 535.) (Formerly HDFL 535.) Prerequisite: ABSC/HDFL 160 or PSYC 333, or instructor permission. LEC

ABSC 542 Applied Gerontology (3). S This course will provide an overview of social and behavioral problems faced by older adults, people who provide for elders, and human service programs for elders. It also surveys empirically-derived intervention strategies designed to maintain abilities and reduce or eliminate problem behaviors experienced by elders or their caregivers. (Formerly HDFL 542.) Prerequisite: ABSC/HDFL 304 and ABSC/HDFL 308, or instructor permission. LEC

ABSC 555 Issues in Administering Early Childhood Services (2). S This course provides an overview of professional, social, legal, and economic issues associated with the administration of early childhood services and programs. Emphasis is placed on theoretical principles, empirical research, and professional responsibilities inherent in the provision of quality service, including needs assessment, organizational skills, delivery systems, human resource management, communication skills, grant writing, legal and ethical considerations, and advocacy. (Formerly HDFL 555.) Prerequisite: Senior standing in the early childhood specialty area or instructor permission. LEC

ABSC 560 The Juvenile Justice System: A Behavioral and Legal Perspective (3). S An overview of the juvenile justice system, including the history, development, and current controversy over children's rights in the legal system examined in light of relevant principles of behavioral science and behavioral systems of rehabilitation. Topics include delinquency, miscreancy, status offenses, dependent-neglected children, child abuse, and juvenile court procedures and personnel (e.g., probation officers), and rehabilitative programs. (Formerly HDFL 560.) Prerequisite: ABSC 100. LEC

ABSC 565 Applied Developmental Psychology (3). S An advanced study of the application of theories and concepts of developmental and behavioral psychology to a range of specific issues and problems of childhood and adolescence. This course relies heavily on the empirical research literature. Topics include contemporary social issues and child development, research in applied settings, assessment, intervention, and prevention, as well as program evaluation. (Same as PSYC 565.) (Formerly HDFL 565.) Prerequisite: ABSC/HDFL 160 or PSYC 333, and ABSC/HDFL/ PSYC 535. LEC

ABSC 599 Honors and Thesis in Applied Behavioral Science (1-5). S A two-semester course combining small group discussions of selected, advanced topics in applied behavioral science with honors thesis supervision on a project of the student's own design. Students normally enroll for one or two hours in fall semester and three to five hours in spring semester. (Formerly HDFL 496.) Prerequisite: ABSC 304, ABSC/HDFL 308, and instructor permission. IND

ABSC 606 Special Projects in the Community (1-10). S Structured opportunities to develop and apply knowledge and skills (e.g., analyzing problems, strategic planning, intervention, evaluation) in a project that addresses a community problem or goal. (Formerly HDFL 606.) Prerequisite: Instructor permission. IND



ABSC 620 Drug Abuse: From Basic Research to Public Policy (3). S This course reviews basic and applied research in the social, behavioral, and neural sciences on how environmental variables, brain mechanisms, individual history, and cultural constraints interact and maintain drug abuse. Topics include the mechanisms of drug action; the safety, toxicity, stimulus properties, and functional impairments related to commonly abused drugs; common models of treatment and prevention; and historical and current legislative and judicial approach to drug abuse. (Formerly HDFL 620.) Prerequisite: A course in biology and a course in either applied behavioral science or psychology. LEC

ABSC 626 Psychology of Adolescence (3). S Impact of factors of social environment and physical growth upon psychological development from puberty to young adulthood. (Same as PSYC 626.) Prerequisite: PSYC 104, PSYC 333, or HDFL/ABSC 160. LEC

ABSC 632 Advanced Child Behavior and Development (3). S An advanced course in child development that includes a survey of the field's principles and theoretical approaches, and current issues in research and practice. Topics will include: prenatal development, cognition and language, social-emotional development, socialization influences in childhood, developmental psychopathology, and social policies. (Formerly HDFL 632.) (Same as PSYC 632.) Prerequisite: ABSC/HDFL 160, PSYC 333, or instructor permission, and senior or graduate status. LEC

ABSC 671 Applied Behavior Analysis (3). S This advanced course extends knowledge and skills in analyzing behavioral problems, designing interventions, and planning applied research projects. Topics include the selection of problems and target populations, analysis of problems/goals, designing measurement systems, developing interventions, and disseminating products from applied behavioral research. (Formerly HDFL 671) Prerequisite: ABSC/HDFL 304 or instructor permission. LEC

ABSC 672 Applied Behavior Analysis, Honors (3). S This advanced course extends knowledge and skills in analyzing behavioral problems, designing interventions, and planning applied research projects. Topics include the selection of problems and target populations, analysis of problems/goals, designing measurement systems, developing interventions, and disseminating products from applied behavioral research. Students design an intervention research project. Prerequisite: Open only to students in the University Honors Program; ABSC/HDFL 304 or instructor permission. LEC

ABSC 675 Practicum in Infant-Toddler Care and Early Intervention I (3-5). S Experience in a classroom-based early intervention and child-care program serving children younger than 3 years. Students gain practical experience with care-giving and teaching practices appropriate for typically and atypically developing children. Students learn to develop and implement individualized curricula based on assessments of children's skills. (Formerly HDFL 558.) Prerequisite: ABSC/HDFL 444 (or concurrent enrollment) and instructor permission. FLD

ABSC 676 Practicum in Infant-toddler Care and Early Intervention II (3-5). S An advanced practicum providing experience in classroom-based early-intervention and child-care program serving children younger than 3 years. Students gain practical experience with care-giving and teaching practices appropriate for typically and atypically developing children. Students learn to develop and implement individualized curricula based on assessments of children's skills. (Formerly HDFL 559.) Prerequisite: ABSC/HDFL 444, HDFL 558 or ABSC 675, and instructor permission. FLD

ABSC 677 Practicum in Preschool Education and Intervention I (3-5). S A one-semester practicum providing opportunities for students to assume responsibility for the education and guidance of young children in an early childhood program. Regularly scheduled individual and staff conferences enable students to evaluate personal growth and progress as teachers of young children. (Formerly HDFL 492.) Prerequisite: ABSC/HDFL 444 (or concurrent enrollment) and instructor permission. Must also meet special state requirements for child care employees and volunteers. FLD

ABSC 678 Practicum in Preschool Education and Intervention II (3-5). S A one-semester advanced practicum providing opportunities for students to assume responsibility for the education and guidance of young children in an early childhood program. Regularly scheduled individual and staff conferences enable students to evaluate personal growth and progress as teachers of young children. (Formerly HDFL 493.) Prerequisite: ABSC/HDFL 444, HDFL 492 or ABSC 677, and instructor permission. Must also meet special state requirements for child care employees and volunteers. FLD

ABSC 679 Practicum in Behavior—Analytic Research in Early Childhood (3-6). S A two-semester practicum providing opportunities for supervised training in one of several ongoing research projects in the field of behavior analysis, either basic or applied. Students assist in conducting research and participate in individual and group meetings to discuss and evaluate research and related methodological issues. (Formerly HDFL 688.) Prerequisite: ABSC/HDFL 308 and instructor permission. FLD

ABSC 680 Practicum in Advanced Laboratory in the Development of Behavioral Treatments for Children with Autism (1-6). S Students participate in an intensive behavioral treatment program teaching language, social skills, self-help skills, and academic skills to young children with autism. Students learn to develop and implement treatment programs; design and use of a system of data collection and analysis; and apply the principles and philosophy of community and school mainstreaming. (Formerly HDFL 550.) Prerequisite: ABSC/HDFL 350 and instructor permission. LAB

ABSC 685 Practicum in Community-based Residential or Day Treatment Programs for Disabled Adults (3-6). S A one or two-semester practicum in which students are provided with the opportunity to work directly with developmentally disabled adults in either community-based residential or day treatment programs. Students are required to read relevant literature, carry out treatment programs, and participate in weekly meetings to discuss treatment goals and progress. (Formerly HDFL 696.) Prerequisite: ABSC/HDFL 304, ABSC/HDFL 410, and instructor permission. FLD

ABSC 687 Practicum in Behavioral Gerontology (1-6). S A one or two-semester practicum providing opportunities for supervised training in behavioral gerontology. Students: (a) read literature in the area of their specific practicum setting such as adult day care, senior centers, nursing homes; (b) assist in collecting information relevant to evaluating the program effectiveness of their efforts on behalf of the elderly; and (c) participate in discussions and planning meetings relevant to maintenance and improvement of operation of the practicum. (Formerly HDFL 644.) Prerequisite: ABSC/HDFL 342 or ABSC/HDFL 542 and instructor permission. FLD

ABSC 690 Practicum in Community Health and Development (1-6). U A two-semester practicum in which students engage in structured opportunities to practice core competencies related to the work of promoting community health and development (e.g., strategic planning, intervention, evaluation). In weekly group meetings, students prepare for their individual working field settings (e.g., health and human service agencies, research and advocacy organizations, community organizations). (Formerly HDFL 690.) Prerequisite: ABSC/HDFL 150, ABSC/HDFL 310, and instructor permission. FLD

ABSC 691 Practicum in Community Health and Development, Honors (1-6). U A two-semester practicum in which students engage in structured opportunities to practice core competencies related to the work of promoting community health and development (e.g., strategic planning, intervention, evaluation). In weekly group meetings, students prepare for their individual working field settings (e.g., health and human service agencies, research and advocacy organizations, community organizations). (Formerly HDFL 692.) Prerequisite: Open only to students in the University Honors Program; ABSC/HDFL 151, ABSC/HDFL 311 and instructor permission. FLD

ABSC 692 Practicum in Basic Research (3). S Practical supervised training in the laboratory study of human and/or animal behavior. Students assist in conducting basic research, read and discuss research articles, attend lab meetings, and acquire data analysis and presentation skills. Prerequisite: ABSC 308 (or concurrent enrollment) and permission of the instructor. RSH

ABSC 693 Practicum in Historical and Conceptual Foundations (3-6). S Practical supervised training in the historical and conceptual foundations of applied behavioral science (e.g., behavior analysis). Students research and read primary source literatures and write papers that advances our understanding of the field's foundations (e.g., empirical, theoretical). Prerequisite: ABSC 100/101, ABSC 304, ABSC 308, and ABSC 509 (or concurrent enrollment), and permission of instructor. IND

ABSC 694 Practicum in Juvenile Problems (3-6). S A one-semester practicum providing opportunities for students to aid professionals in the development and implementation of behavioral treatment plans with adolescents. Regularly scheduled individual and group meetings enable the evaluation of the practicum students' progress while working in the rehabilitative process for juveniles who have problems that can bring them into contact with the juvenile justice system. (Formerly HDFL 694.) Prerequisite: ABSC/HDFL 410, ABSC/HDFL 560, and instructor permission. FLD

ABSC 695 Special Practicum in: ____ (3-6). S A one or two-semester practicum providing opportunities for supervised, hands-on training outside the existing specialty areas or their options. This practicum must be arranged with the prior approval of a faculty adviser and the department's Undergraduate Curriculum Committee. Students should see an adviser about this practicum early in their junior year. Prerequisite: Instructor permission. FLD

ABSC 696 Special Practicum in, Honors: ____ (3-6). S A one or two-semester practicum providing opportunities for supervised, hands-on training outside the existing specialty areas or their options. This practicum must be arranged with the prior approval of a faculty adviser and the department's Undergraduate Curriculum Committee. Students should see an adviser about this practicum early in their junior year. Prerequisite: Open only to students in the University Honors Program and instructor permission. FLD

ABSC 698 Special Research Practicum in: ____ (3-6). S A one or two-semester research practicum providing opportunities for supervised, hands-on research training outside the existing specialty areas or their options. This practicum must be arranged with the prior approval of a faculty adviser and the department's Undergraduate Curriculum Committee. Students should see an adviser about this practicum early in their junior year. Prerequisite: Instructor permission. FLD

ABSC 699 Special Research Practicum in, Honors: ____ (3-6). S A one or two-semester research practicum providing opportunities for supervised, hands-on research training outside of the existing specialty areas or their options. This practicum must be arranged with the prior approval of a faculty adviser and the department's Undergraduate Curriculum Committee. Students should see an adviser early in their junior

year about the practicum and its prerequisites and requirements. Prerequisite: Open only to students in the University Honors Program and instructor permission. FLD

ABSC 701 Parenting in Modern Society (3).

ABSC 702 Curriculum Development for Young Children (3).

ABSC 703 Leadership in Early Education Programs: Theory and Research (3).

ABSC 704 Research Practicum in Clinical Child Psychology (3).

ABSC 705 Pediatric Psychology (3).

ABSC 706 Special Topics in Clinical Child Psychology: ____ (3).

ABSC 709 Biology and Behavior (3).

ABSC 710 Community Health and Development (3).

ABSC 716 Experimental Problems in Community Settings (1-5).

ABSC 719 Experimental Field Work in Community Settings (1-5).

ABSC 721 Biological Bases of Mental Retardation (4).

ABSC 723 Adolescent Adjustment (3).

ABSC 725 Research Methods and Application (3).

ABSC 730 Developmental Neurobiology (3).

ABSC 735 Within Subjects Research Methodology and Direct Observation (3).

ABSC 741 Readings in Gerontology (3-5).

ABSC 742 Research in Gerontology (1-10).

ABSC 756 Philosophical Bases of Early Childhood Education (3).

ABSC 765 Evaluating and Disseminating Scientific Material I (1-3).

ABSC 787 Gerontology Proseminar (3).

ABSC 788 Designing Early Education Environments (3).

ABSC 796 Laboratory in Behavioral Development and Modification: The Analysis of Behavior I (3).

ABSC 797 Proseminar in Child Language (2).

ABSC 798 The Analysis of Behavior II: Conceptual Foundations, Advanced Principles, and Contemporary Issues (3).

Arabic

See African and African-American Studies in this chapter of the catalog.

Art

See the School of Fine Arts chapter of this catalog.

Art History

See History of Art in this chapter of the catalog.

Astronomy

(Offered within the Department of Physics and Astronomy)

Chair: Stephen J. Sanders

Associate Chair: Philip S. Baringer

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