

DEPARTMENT OF APPLIED BEHAVIORAL SCIENCE

UNDERGRADUATE HANDBOOK

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UNDERGRADUATE ADVISING

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UNDERGRADUATE CURRICULUM

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Degrees offered: B.A., B.G.S., Minor

The Department of Applied Behavioral Science offers a curriculum for understanding, analyzing, and developing solutions to problems of social importance across the lifespan. In particular, students learn to apply behavioral science to enhance the human condition through prevention and intervention. Among the problems are those in early childhood, developmental disabilities, delinquency and juvenile justice, education, physical disabilities, and community health and development. Introductory and core courses provide instruction in the basic principles of behavior, applied procedures and programs, rules of evidence for data-based decision-making, and conceptual foundations. Specialty and elective courses inform students about the individual, social, and cultural contexts of application (e.g., developmental, family, community). Recommended courses in other departments and professional schools enhance students' appreciation of the interdisciplinary nature of human problems and their solutions (e.g., biology, political science, psychology, social welfare, sociology, special education). A

capstone practicum integrates the course work with supervised, hands-on training and opportunities for research.

FRESHMAN-SOPHOMORE PREPARATION

Prospective majors should enroll in an introductory course in Applied Behavioral Science (ABS) and in one of the core courses during their first two years. By the end of their Sophomore year or beginning of their junior year, they should complete a Major Declaration form available in the main departmental office (4001 Dole Human Development Center) or at the College Undergraduate Services Office (109 Strong Hall). The interest codes are ABSCA-BA for the B.A. degree and ABSCA-BGS for the B.G.S. degree.

ACADEMIC AND CAREER ADVISING

Majors are encouraged to consult with a faculty member as early as possible about the major requirements, course choices, degree options, and department and career opportunities. All of the Department's faculty members advise students. They may be contacted directly via email or telephone (785.864.4840) or a fax message (785.864.5202). Students may also stop by faculty offices during office hours. This *Undergraduate Handbook* describes the Department's requirements, options, and opportunities (see also the Department's web page at www.ku.edu/~absc). Additional information and brochures are available in the main office.

MAJOR REQUIREMENTS

The major requires 33 credit hours, at least 15 of them at the junior-senior level (i.e., numbered 300 and higher). Each student who majors in Applied Behavior Science selects a specialty area or, for specialty areas that contain several options, one of the options as listed below:

Basic Research and Conceptual Foundations

Early Childhood Education and Intervention

Early Childhood Education and Intervention

Early Childhood Autism Intervention

Early Childhood Research

Delinquency and Juvenile Justice

Adults with Disabilities

Community Health and Development

Health Promotion

Independent Living

Community Leadership and Development

Basic Research and Conceptual Foundations

Other specialty areas may be arranged with the prior approval of a faculty advisor and the Department's Undergraduate Curriculum Committee.

For each specialty area, majors are required to take at least one introductory course, three required courses that teach students the core content and research methods of the discipline, required courses that prepare students for their practicum work in the specialty area, elective courses, and practicum courses that provide students with hands-on experience in the field or research experience..

Introductory Courses

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

Elective Introductory Courses

ABSC 150	Community Leadership; or
ABSC 151	Community Leadership, Honors (3); or
ABSC 160	Introduction to Child Behavior and Development (3)*

*Students may substitute PYSC 333: Child Psychology for ABSC 160. The credit hours for PYSC 333, however, do not count toward the 33 required ABSC major hours or toward the 15 required junior-senior ABSC hours.

Core Courses

ABSC 304	Principles and Procedures of Behavior Modification and Therapy (3)
ABSC 308	Research Methods and Application (4)
ABSC 509	Contemporary Behavioral Science (3)

Required Specialty Area Courses

Students select a specialty area or option within a specialty area from among those listed above. Each specialty area has its own required sequences of courses as outlined later. Since there typically are prerequisites for enrolling in courses beyond the introductory level, students should consult with an advisor in their prospective specialty area as early as

possible. This is particularly important for the practicum courses in a specialty area. Many of the practicum courses have prerequisites that need to be completed by the end of the junior year in order for students to graduate in four years at the University. Planning ahead by meeting with an advisor in the Department is essential.

Electives

These are junior-senior level courses in each specialty area elected from an open or restricted list of options needed to complete the major's credit-hour requirement. Students are also encouraged to select courses in their CLAS general education requirements and electives, and for their B.G.S. concentration requirement that compliment their specialty area (e.g., in the biological and social sciences, humanities, special education, social welfare).

Practicum Courses

Each specialty area culminates in a required practicum. The practicum provides supervised, hands-on experience working in the field or on a research project. The minimum course prerequisites are completion of (or concurrent enrollment in) an introductory and the three core courses and consent of the instructor; some practicum courses also require completion of (or concurrent enrollment in) the required specialty area courses. Students should consult an advisor in their specialty area no later than the end of their sophomore year and every semester thereafter about their practicum placement and its prerequisites and requirements. Course syllabi describing these prerequisites and requirements are available from the faculty members who serve as practicum supervisors in each specialty area. (No more than 6 hours of practicum apply to the 33-hour major.)

Hour Limitations

No more than a combined 6 hours of ABSC 279 (Study Abroad Topics in:), ABSC 469 (Special Topics in:), ABSC 479 (Study Abroad Topics in:), ABSC 489 (Directed Readings in:), ABSC 499 (Special Topics in), and ABSC 599 (Honors and Thesis in Applied Behavioral Science), and no more than a combined 6 hours of practicum courses apply to the 33-hour major.

ABSC MINOR

The Department offers a minor that may compliment majors in other departments as well as student career interests. It requires 18 hours inclusive of ABSC 100/101 and 12 junior-senior hours in ABS. Within the minor, students may elect a sequence of courses in the Department's specialty areas -- areas that serve their career and their service interests. Students should consult with an advisor in the Department about relevant courses. Please also see the Department handout on the ABS minor.

TRANSFER COURSES

Courses that transfer to the University of Kansas as the equivalent of a specific ABSC course will count for meeting any ABSC requirement in the major or minor that that course would meet if taken at the University of Kansas. Courses that transfer to the University of Kansas as undesignated ABSC credits at the junior- senior level may be used to meet elective credit requirements in the major or minor.

DEPARTMENT OPPORTUNITIES

International Experience, Research Experience, and Service Learning

Qualified students may obtain (a) international experience in a program offered jointly with KU's Study Abroad Program (ABSC 279, ABSC 479) and (b) research experience with faculty members who offer research courses and research practicum courses (e.g., ABSC 299, ABSC 499, ABSC 599). The Department also offers courses that include a service-learning component. Many of these programs, practicum courses, and service learning courses meet the university's requirement for international experience, research experience, and/or service learning.

Department Honors

The Department's honors program is especially suited to 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 of advanced topics in Applied Behavioral Science with honors thesis supervision on a project of the student's design. Honors students are invited to attend the ABSC Colloquium series. Students should meet with the Department's Honors Advisor by the middle of their junior year to identify a faculty member with whom to complete their project in their senior year. Prerequisite: At least 60 hours in the College with a 3.25 GPA and a 3.5 GPA in the Department.

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., law, medicine). Any major in the College may be appropriate, but the most common have been Psychology, Human Biology, Sociology, Political Science, and Speech-Language-Hearing. Courses that are cross-listed with other departments fulfill hour requirements in both majors, up to a maximum of 15 hours. Cross-listed courses

only count once, however, toward the 124-hour CLAS graduation requirement.

CAREER OPPORTUNITIES

Behavior Analysis Certification

Students may pursue a program that qualifies them to become a Board Certified Associate Behavior Analyst. For this, they must pass a prescribed sequence of courses, obtain requisite supervised or mentored experience, complete the major and their KU degree, and pass a national examination. Students should meet with a Department Behavior Analysis Certification Board advisor (Claudia Dozier) early in their junior year. For information, see www.BACB.com.

Careers

The Department prepares students for careers in their specialty areas, as well as for graduate school and professional training in those and related areas. 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 and/or physical disabilities; delinquency, juvenile justice, and law enforcement programs; public health and health care settings; and community-based and nongovernmental organizations. For more specific lists and descriptions, see the individual specialty areas. Many careers are enhanced by or require graduate study or professional training.

Graduate School and Professional Programs

Upon graduation and later, many majors enter graduate school and professional programs for advanced education and training in fields related to their career interests. These fields include applied behavior analysis; applied developmental psychology; child, adolescent, and adult clinical and counseling psychology; community development; education; gerontology; law; medicine; public health and public policy; social welfare; and special education.

WEBSITES FOR RELEVANT PROFESSIONAL AND SERVICE ORGANIZATIONS

American Psychological Association
www.apa.org

American Psychological Association
Division 25: Behavior Analysis
www.apa.org/about/division/div25.html

American Psychological Association
Division 33: Mental Retardation and Developmental Disabilities
www.apa.org/about/division/div33.html

American Psychological Association
Division 22: Rehabilitation Psychology
www.apa.org/about/division/div22.html

American Psychological Association
Division 27: Society for Community Research and Action:
Division of Community Psychology
www.apa.org/about/division/div27.html

American Public Health Association
www.apha.org

Association for Behavior Analysis
www.abainternational.org

Cambridge Center for Behavioral Studies
www.behavior.org

Kansas Association for Behavior Analysis
www.kansaba.org

United Way of America
www.unitedway.org

The specialty areas also provide websites more specific to their professional and service missions.

EARLY CHILDHOOD EDUCATION

This specialty area is for students interested in studying young children and understanding the conditions that promote their healthy development. It includes courses in behavior analysis, child development, curriculum development, parenting, and others that address issues relating to young children. The program culminates in practica that provide students with direct experiences in infant, toddler, or preschool classrooms for children with and without developmental disabilities. Students completing this program will gain knowledge and experience in the areas of behavior analysis, child development, developmental disability, education, and intervention. Careers: This area is relevant for students interested in working with young children in home, educational, community-based, hospital, or other therapeutic settings.

EARLY CHILDHOOD EDUCATION AND INTERVENTION

This option is for students interested in understanding typical and atypical child development and learning to promote healthy development in young children (ages 0-6 yrs). Students who choose this option are required to participate in practica in classrooms that serve infants, toddlers, and preschool children.

Introductory Course (3 hours)

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

Core Courses (10 hours)

- ABSC 304 Principles and Procedures of Behavior Modification and Therapy (3)
 ABSC 308 Research Methods and Applications (4)
 ABSC 509 Contemporary Behavioral Science (3)

Required Specialty Area Courses (6 hours)

- ABSC 160 Introduction to Child Behavior and Development (3)
 ABSC 444 Curriculum Development for Young Children (3)

*Students may substitute PYSC 333: Child Psychology for ABSC 160. The credit hours for PYSC 333, however, do not count toward the 33 required ABSC major hours or toward the 15 required junior-senior ABSC hours.

Specialty Area Electives (8 hours). Any junior-senior level courses approved by your advisor. The following are recommended:

- ABSC 350 The Behavior Treatment of Children with Autism (3)
 ABSC 430 Cognitive Development (3)
 ABSC 405 Children and the Media
 ABSC 455 Health, Safety, & Nutrition in Early Childhood (3)
 ABSC 486 Issues in Parenting (3)
 ABSC 535 Developmental Psychopathology (3)
 ABSC 565 Applied Developmental Psychology (3)

Practicum (6-10 hours). Two semesters are required. The courses are offered for 5 credit hours during the Fall and Spring semesters, and 3 hours during the Summer session. No more than 6 hours of practicum apply to the major. Students choose two from the following list:

- ABSC 675 Practicum in Infant-Toddler Care and Early Intervention I
 ABSC 676 Practicum in Infant-Toddler Care and Early Intervention II
 ABSC 677 Practicum in Preschool Education and Intervention I
 ABSC 678 Practicum in Preschool Education and Intervention II

Faculty Members: Professors *Claudia Dozier, Pam Neidert, Lynn Marotz, and Jan Sheldon* (practicum supervisors in italics).

EARLY CHILDHOOD AUTISM INTERVENTION

This option is for students interested in conducting intervention procedures to address language and social skill deficits of children with autism in home and school settings. Students who choose this option are required to take a preparatory course and practica focusing on children with autism.

Introductory Course (3 hours)

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

Core Courses (10 hours)

- ABSC 304 Principles and Procedures of Behavior Modification and Therapy (3)
 ABSC 308 Research Methods and Application (4)
 ABSC 509 Contemporary Behavioral Science (3)

Required Specialty Area Courses (9 hours)

- ABSC 160 Introduction to Child Behavior and Development (3)
 ABSC 350 Behavioral Treatment of Children with Autism (3)
 ABSC 444 Curriculum Development for Young Children (3)

*Students may substitute PYSC 333: Child Psychology for ABSC 160. The credit hours for PYSC 333, however, do not count toward the 33 required ABSC major hours or toward the 15 required junior-senior ABSC hours.

Specialty Area Electives (5 hours). Any junior-senior level courses approved by your advisor. The following are recommended:

- ABSC 430 Cognitive Development (3)
 ABSC 405 Children and the Media
 ABSC 455 Health, Safety, & Nutrition in Early Childhood (3)
 ABSC 486 Issues in Parenting (3)
 ABSC 535 Developmental Psychopathology (3)
 ABSC 565 Applied Developmental Psychology (3)

Practicum (6 hours). Two semesters are required. The courses are offered for 2-4 credit hours during the Fall and Spring semesters, and 2-3 hours during the Summer session. No more than 6 hours of practicum apply to the major.

- ABSC 680 Advanced Laboratory in Development of Behavioral Treatment for Children with Autism

Faculty Members: Professors *Claudia Dozier*, *Pam Neidert*, *Jan Sheldon*, *Jim Sherman* (practicum supervisor in italics).

EARLY CHILDHOOD RESEARCH

This option is for students interested in gaining research experience in early childhood possibly as preparation for graduate school or employment in educational and clinical research centers. Students who choose this option will enroll in research-oriented practica. Interested students should consult with Professor Claudia Dozier.

Introductory Course (3 hours)

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

Core Courses (10 hours)

- ABSC 304 Principles and Procedures of Behavior Modification and Therapy (3)
 ABSC 308 Research Methods and Application (4)
 ABSC 509 Contemporary Behavioral Science (3)

Required Specialty Area Courses (3 hours)

- ABSC 160 Introduction to Child Behavior and Development (3)

*Students may substitute PYSC 333: Child Psychology for ABSC 160. The credit hours for PYSC 333, however, do not count toward the 33 required ABSC major hours or toward the 15 required junior-senior ABSC hours.

Specialty Area Electives (11 hours). Any junior-senior level courses approved by your advisor. The following are recommended:

- ABSC 350 The Behavioral Treatment of Children with Autism (3)
 ABSC 430 Cognitive Development (3)
 ABSC 444 Curriculum Development for Young Children (3)
 ABSC 405 Children and the Media
 ABSC 455 Health, Safety, & Nutrition in Early Childhood (3)
 ABSC 486 Issues in Parenting (3)
 ABSC 535 Developmental Psychopathology (3)
 ABSC 565 Applied Developmental Psychology (3)
 ABSC 796 Laboratory in Behavioral Development and Modification
 ABSC 871 Applied Behavioral Analysis

Practicum (6 hours). Two semesters are required. The courses are offered for 1-6 credit hours during the Fall, Spring, and Summer semesters. No more than 6 hours of practicum apply to the major.

ABSC 679 Practicum in Behavior-Analytic Research in
Early Childhood

Faculty Members: Professors *Claudia Dozier* and *Pam Neidert*
(practicum supervisors in italics).

**WEBSITES FOR RELEVANT PROFESSIONAL
AND SERVICE ORGANIZATIONS**

Behavior Analysis

www.abainternational.org

www.bacb.com

Early Childhood

www.childlife.org

www.naeyc.org

Autism

www.autism-society.org

www.naar.org

www.autismcoalition.org

www.feat.org

YOUTH DEVELOPMENT AND JUVENILE JUSTICE

This specialty area is for students who want to work with children and adolescents who may be involved formally or informally with the juvenile justice system. It includes courses addressing issues such as juvenile law, developing relationships. Counseling and problem-solving, behavioral contracting, and other techniques used when working with school-aged children and adolescents. The course sequence culminates in a year-long practicum during which students work with children and adolescents in the Truancy Prevention and Diversion Program. The practicum is in collaboration with the school district, Social and Rehabilitation Services, the district attorney's office, and the juvenile court. Careers: Graduates with this specialty are excellent candidates for positions as probation officers, counselors in mental health programs, intake and assessment officers, truancy prevention specialists, and treatment personnel in intervention and treatment programs for children and adolescents. Many students also pursue graduate study in social welfare, law, counseling, and psychology.

Introductory Course (3 hours)

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

Core Courses (10 hours)

- ABSC 304 Principles and Procedures of Behavior
Modification and Therapy (3)
ABSC 308 Research Methods and Application (4)
ABSC 509 Contemporary Behavioral Science (3)

Required Specialty Area Courses (6 hours). Plan your program with an advisor in the Department. ABSC 410 must be taken prior to enrolling in the practicum. It is offered only in the spring semester.

- ABSC 410 Behavioral Approaches in Working with
Adolescents (3)
ABSC 560 The Juvenile Justice System: A Behavioral
and Legal Perspective (3)

Specialty Area Electives (8 hours)

- ABSC 310 Building Healthy Communities
ABSC 405 Children and the Media
ABSC 486 Issues in Parenting
ABSC 535 Developmental Psychopathology (3)
ABSC 565 Applied Developmental Psychology (3)
ABSC 626 Psychology of Adolescence (3)

Practicum (8 hours). This practicum requires a two-semester commitment, beginning in the Fall semester and continuing in the Spring semester. Space may be limited and enrollment may depend on the date of indication of interest and performance in ABSC 410. No more than 6 hours of practicum apply to the major.

- ABSC 694 Practicum in Juvenile Problems

Faculty Members: Professors Yo Jackson, *Jan Sheldon*, Ric Steele, and Eric Vernberg (practicum supervisor in italics).

ADULTS WITH DISABILITIES

This specialty area is for students interested in working with people with developmental disabilities. The courses teach observing and defining behavior; increasing appropriate and decreasing inappropriate behavior; developing relationships; counseling; legal and ethical issues; and experimental design. The course sequence culminates in practicum work in a community-based service agency, residential or day treatment program for adults with developmental disabilities. Careers: Graduates of this specialty are excellent candidates for positions in residential treatment programs, community human service agencies, and vocational and pre-vocational teaching programs for people with disabilities.

ADULTS WITH DEVELOPMENTAL DISABILITIES

This option is for students interested in working with people with developmental disabilities. The courses teach observing and defining behavior; increasing appropriate and decreasing inappropriate behavior; developing relationships; counseling; legal and ethical issues; and experimental design. The course sequence culminates in practicum work in a community-based service agency or residential or day treatment program for adults with developmental disabilities. Careers: Graduates of this specialty are excellent candidates for positions in residential treatment programs, community human service agencies, and vocational and pre-vocational teaching programs for people with disabilities.

Introductory Course (3 hours)

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

Core Courses (10 hours)

- ABSC 304 Principles and Procedures of Behavior Modification and Therapy (3)
 ABSC 308 Research Methods and Application (4)
 ABSC 509 Contemporary Behavioral Science (3)

Required Specialty Area Course (3 hours)

- ABSC 350 The Behavioral Treatment of Children with Autism (3)

Specialty Area Electives (11 hours). Additional ABSC junior-senior level courses to meet the 33-hour major. The following are recommended:

- ABSC 410 Behavioral Approaches in Working with Adolescents (3)
 ABSC 437 Independent Living and People with Disabilities (3)
 ABSC 535 Developmental Psychopathology (3)
 ABSC 560 The Juvenile Justice System: A Behavioral and Legal Perspective (3)
 ABSC 565 Applied Developmental Psychology
 ABSC 671 Applied Behavior Analysis (3)

Practicum (6 Hours). ABSC 304 and ABSC 350 must be taken prior to enrolling in the practicum. No more than 6 hours of practicum apply to the major.

- ABSC 685 Practicum in Community Programs for People with Developmental Disabilities (3-6)

Faculty Members: Professors Jan Sheldon and *Jim Sherman* (practicum supervisor in italics).

WEBSITES FOR RELEVANT PROFESSIONAL AND SERVICE ORGANIZATIONS

Gerontology

- www.agingkansas.org/aaa/psa4.htm
www.geron.org
www.kabc.org

Developmental Disabilities

- www.aamr.org
www.aacpdm.org/index
www.aapd.com/
www.autism-society.org

COMMUNITY HEALTH AND DEVELOPMENT

This specialty area is for students interested in building healthy and well-functioning communities. They may do so through public service (e.g., AmeriCorps, Peace Corps) or as a career following graduate study in an appropriate field such as public health, public policy, law, rehabilitation, psychology, social welfare, and medicine. It provides opportunities for learning and service to better understand and make a difference with important community problems and goals (e.g., substance abuse, violence, education, child and youth development, independent living of people with disabilities, well-being of older adults). Coursework and practicum experiences focus on (a) intervention methods used to address community problems and goals (e.g., strategic planning, intervention, advocacy) and (b) research methods used to study the effects of community initiatives for health and development (e.g., community assessment, evaluation). The course sequence culminates in a two-semester practicum arranged with faculty members and representatives of community organizations or governmental agencies (e.g., in public health, child advocacy, independent living, youth development, community development).

Introductory Course: 3 hours

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

Core Courses: 10 hours

- ABSC 304 Principles and Procedures of Behavior Modification (3)
 ABSC 308 Research Methods and Application (4)
 ABSC 509 Contemporary Behavioral Science (3)

Required Specialty Area Courses: (6 hours). *Plan your program with an advisor in the Department.*

- ABSC 150 Community Leadership (3) **or**
 ABSC 151 Community Leadership, Honors (3)
 and
 ABSC 310 Building Healthy Communities (3) **or**
 ABSC 311 Building Healthy Communities, Honors (3)

Specialty Area Electives (8 hours). Any courses numbered 300 and above that are related to the student's interests and approved by the faculty advisor. The following are recommended:

- ABSC 410 Behavioral Approaches in Working with Adolescents (3)
 ABSC 437 Independent Living and People with Disabilities (3)
 ABSC 455 Health, Safety, & Nutrition in Early Childhood (3)
 ABSC 486 Issues in Parenting (3)
 ABSC 535 Developmental Psychopathology (3)
 ABSC 565 Applied Developmental Psychology (3)
 ABSC 626 Psychology of Adolescence (3)
 ABSC 671 Applied Behavior Analysis (3)

Practicum: 6 hours (3 hours in both fall and spring semesters). ABSC 310/311 is a prerequisite for the practicum; either previously taken or enrolled in concurrently.

- ABSC 690 Practicum in Community Health and Development (2-6) **or**
 ABSC 692 Practicum in Community Health and Development, Honors (2-6)

Faculty Members: Professors *Stephen Fawcett* and *Glen White* (practicum supervisors in italics)

Related Websites

Community Tool Box
<http://ctb.ku.edu/>

American Public Health Association
www.apha.org

BASIC RESEARCH AND CONCEPTUAL FOUNDATIONS

This specialty area is for students interested in careers for which research and conceptual skills are prerequisites (e.g., science, technology, data analysis) and for students interested in graduate school in the behavioral sciences (e.g., behavior analysis, behavioral pharmacology, behavioral neuroscience) or for professional training (e.g., allied health, pharmacology, medicine). Although the area has two options, all students take courses on basic behavioral processes (ABSC 100/101), the application of these processes to socially relevant behavioral problems (ABSC 304), research methodology (ABSC 308), and contemporary empirical and theoretical issues in the behavioral sciences (ABSC 509). In addition, student completing this emphasis will complete a two-semester hands-on practicum (ABSC 692 or ABSC 693). The practicum is usually taken in either basic research or conceptual foundations; however, in special cases, students may enroll in a one semester of each practicum, given that they have the prerequisites and permission. Students complete the remainder of the ABS major requirements with electives, some of which may be research and graduate seminars.

Basic Research Option

Students pursuing the basic research option learn about behavioral processes and research methods, and acquire skills in the experimental analysis of behavior. Students completing this option complete a two-semester hands-on practicum in which they assist in the conduct of research on human or nonhuman behavioral processes. Students are involved in all aspects of the research endeavor, from conceptualization of problem to data collection, analysis, and presentation. Students pursuing this option are required to complete an introductory course in statistics.

Conceptual Foundations Option

Students pursuing the conceptual foundations option learn about contemporary conceptual issues in behavior analysis, its history and philosophy, and its relations with the behavioral, social, and cognitive sciences in general. As a result, they acquire skills in critical thinking about behavior and the behavior of scientists. Students who complete this option complete a two-semester practicum in which they read and research a relevant literature and write a paper that advances their understanding of the field.

COURSE REQUIREMENTS

Like all ABSC majors, students are required to complete 33 credit hours, 15 or more numbered 300 or above.

Introductory Course Requirement (3 hrs)

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

Core Course Requirements (10 hrs)

- | | |
|----------|--|
| ABSC 304 | Principles and Procedures of Behavior Modification and Therapy (3) |
| ABSC 308 | Research Methods and Applications (4) |
| ABSC 509 | Contemporary Behavioral Science: Historical, Conceptual, and Comparative Foundations (3) |

Basic Research Option:

ABS Electives (12 hrs) Any junior-senior level ABS courses approved by the practicum advisor. The following are among the recommended courses:

- | | |
|----------|---|
| ABSC 425 | Teaching Apprenticeship in Applied Behavioral Science (3) |
| ABSC 565 | Applied Developmental Psychology (3) |
| ABSC 535 | Developmental Psychopathology (3) |
| ABSC 632 | Advanced Child Behavior and Development (3) |
| ABSC 671 | Applied Behavior Analysis (3) |
| ABSC 735 | Within Subjects Research Methodology and Direct Observation (3) |
| ABSC 796 | Analysis of Behavior I (3) |

Statistics (3 hrs)

PSYC 300/301 Statistics in Psychological Research / Honors (3)

Practicum (6-10 hrs). Practicum courses are offered for 3-6 credit hours during the fall and spring semesters, and 3 hours during the summer session. However, no more than 6 hours total apply to the major. The prerequisite is the permission of the supervisor, as space permits.

- | | |
|----------|-----------------------------------|
| ABSC 692 | Practicum in Basic Research (3-6) |
|----------|-----------------------------------|

Conceptual Foundations Option:

ABS Electives (14 hrs). Any junior-senior level ABS courses approved by the practicum advisor. The following are among the recommended courses:

- ABSC 565 Applied Developmental Psychology (3)
- ABSC 535 Developmental Psychopathology (3)
- ABSC 632 Advanced Child Behavior and Development (3)
- ABSC 671 Applied Behavior Analysis (3)
- ABSC 796 Analysis of Behavior I (3)
- ABSC 798 Analysis of Behavior II (3)

Practicum (6-10 hrs). Practicum courses are offered for 3-6 credit hours during the fall and spring semesters, and 3 hours during the summer session. However, no more than 6 hours total apply to the major. The prerequisite is the permission of the supervisor, as space permits.

- ABSC 693 Practicum in Conceptual Foundations (3-6)

Faculty Members: *Gregory J. Madden* and *Edward K. Morris*
(practicum supervisors in italics).