College of Human Sciences

SUSAN S. HUBBARD, Dean

JENNIFER KERPELMAN, Associate Dean

Human Sciences is a professional program central to the land-grant mission that draws from the natural and social sciences, the arts and humanities. It integrates and interrelates knowledge from these disciplines to advance the well-being of individuals, families, and consumers. The course of study provides a broad liberal education, specialized career preparation, as well as a background for individual and family living. Areas of specialization focus on aspects of environment, health, consumer products and services, and human development. Human Sciences offers men and women professional and pre-professional preparation for careers in education, business, industry, social agencies, and government.

The College of Human Sciences includes the departments of Consumer and Design Sciences; Human Development and Family Studies; and Nutrition, Dietetics, and Hospitality Management. Programs of study leading to the bachelor of science degree can be planned within seven curricula in the College of Human Sciences. These curricula are designed with flexibility to meet the needs of students with a variety of academic interests and goals. Program-specific accreditations/approvals/endorsements/certifications have been attained for several programs.

Transfer Requirements

To transfer into the College of Human Sciences, a student must be eligible to take classes and pursue an Auburn degree. However, students need to be aware of GPA restrictions and other progression requirements as well as admission requirements for individual degree programs.

Graduation Requirements

To earn the bachelor’s degree from the College of Human Sciences, students must complete the hours and subject matter requirements of their curricula and must have a minimum grade-point average of 2.0 on all course work attempted at Auburn University, and in addition, a 2.0 cumulative grade-point average on all work attempted in the major.

Options in Cooperative Extension

Students enrolled in any of the majors in the college may prepare for a career in the Cooperative Extension System through election of certain courses as electives. Majors may fulfill the requirements of the Alabama Cooperative Extension System through scheduling of the following courses:

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<th>Course Code</th>
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<tr>
<td>NTRI 2000</td>
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<td>HDFS 4670</td>
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<tr>
<td>NTRI 3560</td>
<td>Experimental Study of Foods</td>
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<td>Select one of the following:</td>
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<tr>
<td>CADS 2400</td>
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<td>CADS 2600</td>
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Graduate Work

The college offers work leading to the master of science degree and PhD degree in consumer and design sciences; human development and family studies; and nutrition, dietetics, and hospitality management.

Majors

- Apparel Merchandising, Design and Production Management (Apparel Merchandising Option) (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofconsumeranddesignsciences/apparelmerchandisingoption_major)
- Apparel Merchandising, Design and Production Management (Apparel Design and Production Management Option) (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofconsumeranddesignsciences/productdesignandproductionmanagementoption_major)
- Consumer and Design Sciences, ABM (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofconsumeranddesignsciences/acmconsumeranddesignscience_major)
• Global Studies in Human Sciences (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/globalstudiesinhumansciences_program)
• Hospitality Management - Hotel and Restaurant Management Option (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofnutritiondieteticsandhospitalitymanagement/hotelandrestaurantmanagement_major)
• Hospitality Management - Event Management Option (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofnutritiondieteticsandhospitalitymanagement/hotelmanagementeventmanagement_option_major)
• Hospitality Management- Culinary Science Option (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofnutritiondieteticsandhospitalitymanagement/hospitalitymanagementculinaryoption_major)
• Human Development and Family Studies (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofhumandevelopmentandfamilystudies/humandevelopmentandfamilystudies_major)
• Interior Design (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofconsumeranddesignsciences/interiordesign_major)
• Nutrition, ABM (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofnutritiondieteticsandhospitalitymanagement/nutrition_major)
• Nutrition (Nutrition/Dietetics Option) (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofnutritiondieteticsandhospitalitymanagement/nutritiondieteticsoption_major)
• Nutrition (Nutrition Science Option) (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofnutritiondieteticsandhospitalitymanagement/nutritionscienceoption_major)
• Nutrition (Wellness Option) (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofnutritiondieteticsandhospitalitymanagement/nutritionwellnessoption_major)
• Philanthropy and Non-Profit Studies (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofconsumeranddesignsciences/philanthropy_major)

Minors
• Health Equity Science - Undergraduate Certificate (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/minors/healthequityscience_ucrt)
• Human Development and Family Studies (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofhumandevelopmentandfamilystudies/humandevelopmentandfamilystudies_minor)
• Hunger Studies (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/minors/hungerstudies_minor)
• International Minor in Human Sciences (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/minors/international_humsci_minor)
• Philanthropy and Nonprofit Studies (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofconsumeranddesignsciences/philanthropyandnonprofitstudies_minor)

Program
• Advanced Research Methods for Developmental and Family Studies - Graduate Certificate
• Brewing Science and Operations - Graduate Certificate (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/brewingscienceoperations_major)
• Consumer and Design Sciences, ABM (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofconsumeranddesignsciences/acmconsumeranddesignscience_major)
• Consumer and Design Science - MS, PhD (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/consumeraffairsmsphd_major)
• Health Equity Science - Graduate Certificate (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/healthequityscience_gcert)
• Human Development and Family Studies - MS, PhD (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/humandevelopmentandfamilystudiesmsphd_major)
• Nutrition, ABM (http://bulletin.auburn.edu/undergraduate/collegeofhumansciences/departmentofnutritiondieteticsandhospitalitymanagement/nutrition_major)
• Nutrition - MS, PhD (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/nutritionmsphd_major)
Consumer and Design Sciences Courses

CADS 1000 INTRODUCTION TO INTERIOR DESIGN (3) LEC. 3. Introduces theories of human behavior, physiology, and psychology; elements and principles of design; architectural form, space, and order; codes and regulations; profession of interior design.

CADS 1100 INTERIOR DESIGN STUDIO: DESIGN PRINCIPLES (3) STU. 6. Coreq. CADS 1000. INDS (interior design) or INDX (pre-interior design) majors only. Fundamental principles of allied art and design disciplines. Two-dimensional and three-dimensional design projects, critical and creative thinking, application of color theory, composition, perspective, and craftsmanship.

CADS 1600 TEXTILE INDUSTRIAL COMPLEX (3) LEC. 3. Introduction to the composition, characteristics, and products of the network of fiber producers, textile manufacturers, dyers, finishers, apparel manufacturers, and retailers.

CADS 1700/1703 COLLEGIATE CONSUMING AND GIVING: SPEND, SAVE, AND SHARE (3) LEC. 3. Study of collegiate behavior and decision making as it applies to spending, saving and philanthropic theories, principles, and applications.

CADS 1740 AESTHETICS FOR FASHION (3) LEC. 3. Elements and principles of design and their application in industries such as textiles, apparel, and retail.

CADS 2000/2003 GLOBAL CONSUMER CULTURE (3) LEC. 3. Sustainability and social responsibility provide a framework for the study of cultural, commercial, and aesthetic factors influencing the selection and usage of consumer products and services that create and express social identity. Credit will only be given for CADS 2000, CADS 2003 or CADS 2007.

CADS 2007 HONORS GLOBAL CONSUMER CULTURE (3) LEC. 3. Pr. Honors College. Sustainability and social responsibility provide a framework for the study of cultural, commercial, and aesthetic factors influencing the selection and usage of consumer products and services that create and express social identity. Credit will only be given for CADS 2000, CADS 2003 or CADS 2007.

CADS 2100 INTERIOR DESIGN STUDIO: SPACE PLANNING AND PROCESS (4) LEC. 1, LEC/STU. 6. Coreq. CADS 2150. INDS (interior design) majors only, or with departmental approval. Introduction to the formal design process from concept through design development.

CADS 2150 PROJECT MANAGEMENT FOR INTERIOR DESIGNERS (1) LEC. 1. Coreq. CADS 2100. INDS (interior design) majors only, or with departmental approval. Principles of project management, disciplinary collaboration, and professional conduct within the context of the interior design studio workplace.

CADS 2200 INTERIOR DESIGN STUDIO: COMPUTER-AIDED DESIGN (3) STU. 6. INDS (interior design) majors only, or with departmental approval. Application of computer-aided design software to multiple projects, with a focus on developing construction drawings and BIM documentation for interior spaces.

CADS 2300 HISTORY OF INTERIOR DESIGN I (3) LEC. 3. INDS (interior design) or INDX (pre-interior design) majors only, or with departmental approval. Historical survey of interior design and the decorative arts from antiquity through the mid-1800s.

CADS 2350 HISTORY OF INTERIOR DESIGN II (3) LEC. 3. Pr. CADS 2300. INDS (interior design) majors only, or with departmental approval. Historical survey of interior design and the decorative arts from the Industrial Revolution through present day.

CADS 2400 INTERIOR MATERIALS AND COMPONENTS (3) LEC. 3. Pr. CADS 1000 and CADS 1100. INDS (interior design) majors only, or with departmental approval. Introduction to interior surface finishes, textiles, materials, and components.

CADS 2500 INTERIOR DESIGN STUDIO: DESIGN COMMUNICATION (3) STU. 6. INDS (interior design) majors only, or with departmental approval. Development of design communication media and techniques.

CADS 2550 LIGHTING, MECHANICAL, AND ENVIRONMENTAL SYSTEMS (3) LEC. 3. Pr. CADS 2100 and CADS 2200. INDS (interior design) majors only, or with departmental approval. Introduction to the fundamentals of lighting, mechanical, electrical, and plumbing systems within the interior environment.

CADS 2600 TEXTILES (4) LEC. 3. LAB. 2. Pr. CADS 1600. Natural and man-made fibers, yarns, fabrics, dyes and finishes for textiles for apparel and related products; laboratory evaluation. AMDP major.

CADS 2700/2703 INTRODUCTION TO NONPROFIT ORGANIZATIONS (3) LEC. 3. Introduction to mission, structure, and impact of nonprofit organizations at the local, state, national and international levels. May count either CADS 2700 or CADS 2703.
CADS 2740 ILLUSTRATION TECHNIQUES FOR APPAREL (3) LEC. 1. LAB. 4. Pr. CADS 1740 and CADS 1600. Creative approach to illustrating apparel through the use of varied media and development of illustrative style appropriate for portfolio presentations. APDP Major.

CADS 2750 PRODUCT DEVELOPMENT: TECHNICAL DESIGN (4) LEC. 2, LST. 4. Pr. CADS 2740 and CADS 2800. Apparel pattern development through drafting, flat pattern manipulation and draping; custom apparel production. APDP Major.

CADS 2760 VISUAL MERCHANDISING (4) LST. 6. Pr. CADS 1600 or CAHS 1600. History, equipment, application, and theory of display techniques in store and non-store settings.

CADS 2770 COMPUTER-AIDED DESIGN FOR APPAREL (4) LEC. 2, LST. 4. Pr. CADS 1600 and CADS 2740. Principles of aesthetics applied to apparel product development including computer aided design and other presentation techniques.

CADS 2800 APPAREL PRODUCTION MANAGEMENT (4) LEC. 3. LAB. 3. Pr. CADS 1600. Introduction to apparel industry terminology, technology, production methods, and engineering quality into apparel products.

CADS 3100 LIGHTING DESIGN/ENVIRONMENTAL SYSTEMS (4) LEC. 4. Pr. CADS 2200 and CADS 2400 and CADS 2500. Application of principles and processes of lighting, mechanical, and environmental systems to interior design.

CADS 3150 PROFESSIONAL DEVELOPMENT FOR APPAREL MERCHANDISING CAREER (1) LEC. 1. Pr. CADS 1600 and CADS 2800. Investigation of apparel merchandising careers and professional skill development.

CADS 3200 INTERIOR DESIGN STUDIO: RESIDENTIAL (4) LEC. 1, LEC/STU. 6. Pr. CADS 2200 and CADS 2100. Departmental approval. Development of residential interior design solutions with emphasis on programming and space planning. INDS (interior design) majors only.

CADS 3300 INNOVATION IN RETAIL AND CONSUMER EXPERIENCES FOR APPAREL (1) SEM. 1. A seminar on technology and innovations in the retail industry and their impact on apparel consumer experiences and business processes.

CADS 3380 STUDY ABROAD OPPORTUNITIES IN HUMAN SCIENCE (1) LEC. 1. Departmental approval. Exploration of study abroad opportunities for students interested in the International Minor in Human Sciences.

CADS 3500 INTERIOR DESIGN PROFESSIONAL PRACTICE (3) LEC. 3. Pr. CADS 3100 and CADS 3200. Exploration of the interior design profession and standard practices.

CADS 3700/3703 GENDER, WEALTH & PHILANTHROPY (3) LEC. 3. Study of wealth and philanthropic theories, principles, and applications as it applies in gender. May count CADS 3700, CADS 3703 or CADS 3707.

CADS 3707 GENDER, WEALTH AND PHILANTHROPY (3) LEC. 3. Pr. Honors College. Study of wealth and philanthropic theories, principles, and applications as it applies in gender. May count CADS 3700, CADS 3703 or CADS 3707.

CADS 3750 PRODUCT DEVELOPMENT: APPAREL DESIGN (4) LEC. 2, LST. 4. Pr. CADS 2750 and CADS 2800 and CADS 2770. Advanced design techniques, including couture production; portfolio and internship planning. AMDP major.

CADS 3800 CONSUMER DECISION MAKING FOR APPAREL AND FASHION PRODUCTS (3) LEC. 3. Pr. CADS 2000 or CADS 2003 or CADS 2007. Analysis of consumer decision making for apparel and fashion products and the factors that impact consumer decisions. Credit will not be given for both CADS 3800 and MKTG 3410. AMDP major.

CADS 3810 SOCIAL MEDIA MANAGEMENT FOR APPAREL (3) LEC. 3. Pr. CADS 1600. Topics in social media management and application of merchandising strategies for apparel businesses.

CADS 3850/3853 MERCHANDISE PLANNING AND CONTROL (3) LEC. 2. LAB. 2. Pr. (COMP 1000 or COMP 1003) and CADS 1600 and ACCT 2810 or Departmental approval. Application of principles of merchandise management and retail buying to the retailing of consumer goods and services. Credit will not be given for both CADS 3850 and CADS 3853.

CADS 3900 DIRECTED STUDIES (1-3) AAB/IND. SU. Departmental approval. Directed readings and/or individualized research project. Course may be repeated for a maximum of 6 credit hours.

CADS 3920 INDUSTRY EXPERIENCE (3) INT. 3. Pr. CADS 1600. Departmental approval. Supervised industry experience requiring students to spend time working in the industry under supervision. Course may be repeated for a maximum of 6 credit hours.
CADS 3940 STUDY TRAVEL IN CONSUMER AND DESIGN SCIENCES (1-3) AAB/FLD. Departmental approval. Concentrated study in the U.S. or abroad. Course may be repeated for a maximum of 6 credit hours.

CADS 3970 SPECIAL TOPICS (1-3) LEC. Courses may be repeated for 9 hours. Departmental approval. Standing grade. Course may be repeated for a maximum of 9 credit hours.

CADS 4100 PHILANTHROPY & NONPROFIT STUDIES LECTURE SERIES (1) LEC. 1. Pr. (CADS 2700 or CADS 2703) and (CADS 3700 or CADS 3703 or CADS 3707). Lecture series showcasing philanthropic and nonprofit leaders. Course may be repeated for a maximum of 2 credit hours.

CADS 4200 INTERIOR DESIGN SENIOR SEMINAR (1) LEC. 1. Pr. CADS 3200. INDS (interior design) majors only, or with departmental approval. Preparation for professional NCDIQ exam, with emphasis on IDFX fundamentals knowledge. Overview of content, test structure, and progress toward licensure. Review of requirements for practice across a variety of jurisdictions. Examination of the current job market and strategic planning for the first two years of professional practice.

CADS 4700 PORTFOLIO DEVELOPMENT FOR PHILANTHROPY AND NONPROFIT STUDIES (3) LEC. 3. LAB. 3. Pr. CADS 3700 or CADS 3703 or CADS 3707 and CADS 4100 and CADS 4910. Portfolio development in print, digital, and web formats for students in Philanthropy and Nonprofit Studies.

CADS 4750 PRODUCT DEVELOPMENT: SPECIALIZED DESIGN (3) STU. 6. Pr. CADS 3750. Specialized design development concepts, techniques, and applications for target markets including children's wear, performance wear, and bridal markets.

CADS 4800 APPAREL ENGINEERING (4) LEC. 3. LAB. 3. Pr. CADS 2800. Coreq. CADS 3750. Planning and problem solving throughout the apparel production process, including methods engineering, time study, costing, CAD. AMDP major.

CADS 4900 UNDERGRADUATE TEACHING ASSISTANT EXPERIENCE (1-3) LEC/LST. Student must have previously earned an "A" in the course s/he is assisting with. Departmental approval. Student participation as an undergraduate teaching assistant (UTA) for the Consumer and Design Sciences course under the supervision of a faculty member. Course may be repeated for a maximum of 6 credit hours.

CADS 4910 PRACTICUM IN PHILANTHROPY AND NONPROFIT ORGANIZATIONS (3) PRA. 3. Pr. CADS 2700 or CADS 2703 and CADS 3700 or CADS 3703 or CADS 3707. Departmental approval. Supervised practicum experience with a philanthropic or nonprofit organization.

CADS 4920 INTERNSHIP (8) AAB/INT. 8. Supervised 10 week professional internship. Departmental approval. 2.0 GPA. Junior standing.

CADS 4930 APPAREL MERCHANDISING, DESIGN AND PRODUCTION MANAGEMENT INTERNSHIP (8) INT. 8. Pr. CADS 3850 and CADS 3750. Supervised 10 week professional internship. Departmental approval needed.

CADS 4950 INTERIOR DESIGN INTERNSHIP (8) INT. 8. Pr. CADS 5100. INDS (interior design) majors only, 2.0 overall GPA, or with departmental approval. Supervised 10 week professional internship.

CADS 4960 SPECIAL PROBLEMS IN DESIGN (1-3) LEC. Departmental approval. A) Apparel, B) Interior Design, C) Visual Merchandising, D) Textile Design. Creative solution of design problems. Course may be repeated for a maximum of 9 credit hours.

CADS 4967 HONORS SPECIAL PROBLEMS (1-3) IND. SU. Pr. Honors College. Departmental approval. Readings in specialized topics. Course may be repeated for a maximum of 6 credit hours.

CADS 4980 UNDERGRADUATE RESEARCH IN CONSUMER AND DESIGN SCIENCES (1-3) IND/LEC. SU. Pr. 3.50 GPA. Departmental approval. Participation as an undergraduate research assistant (URA) for a Consumer and Design Sciences research project under the supervision of a CADS faculty member. Course may be repeated for a maximum of 6 credit hours.

CADS 4997 HONORS THESIS (3) IND. 3. SU. Pr. Honors College. CADS 4967. Departmental approval. Research in specialized topics.

CADS 5100 INTERIOR DESIGN STUDIO: COMMERCIAL (4) LEC. 1, LEC/STU. 6. Pr. CADS 3200 and CADS 2550 and CADS 2400. INDS (interior design) majors only, or with departmental approval. Development of commercial interior design solutions with emphasis on contemporary issues in workplace design.

CADS 5150 GLOBAL ISSUES IN INTERIOR DESIGN (3) LEC. 6. INDS (interior design) majors only or with Departmental approval. Explores the impact of designed products, places, and processes within the interior environment on global health and quality of life.
CADS 5200 INTERIOR DESIGN PORTFOLIO (3) LEC. 3. Pr. CADS 2100 and CADS 2200. INDS (interior design) majors only, or with departmental approval. Development of a professional interior design portfolio and collateral documentation.

CADS 5300 INTERIOR DESIGN STUDIO: HOSPITALITY (4) LEC. 1, LEC/STU. 6. Pr. CADS 5100. INDS (interior design) majors only, or with departmental approval. Development of hospitality design solutions with emphasis on industry trends and practice-based approaches. May count either CADS 5300 or CADS 6300.

CADS 5310 SUSTAINABLE DESIGN AND LEED ACCREDITATION (3) LEC. 3. Sustainable certification standards and professional accreditation requirements related to sustainability. May count either CADS 5310 or CADS 6310.

CADS 5350 INTERIOR DESIGN STUDIO: ADVANCED DESIGN PROJECT (4) LEC. 1, LEC/STU. 6. INDS (interior design) majors only, or with departmental approval. Response to a complex interior design challenge through application of design process, resulting in an advanced solution informed by pre-design research.

CADS 5400 INTERIOR DESIGN STUDIO: DESIGN FOR HEALTH AND WELLNESS (4) LEC. 1, LEC/STU. 6. Pr. CADS 5100. INDS (interior design) majors only or departmental approval. Development of interior design solutions for health, wellness, and quality of life. May count either CADS 5400 or CADS 6400.

CADS 5450 HISTORY OF COSTUME (3) LEC. 3. Pr., Core History or departmental approval. AMDP major. Historical roles of dress in western civilization. Cultural, social, and physical evolution. Credit will not be given for both CADS 5450 and CADS 6450.

CADS 5460 FASHION INDUSTRY SINCE 1910 (3) LEC. 3. P/C; Core History, Core Literature or departmental approval. Fashion history, designers and businesses from 1910 to the present. May count either CADS 5460 or CADS 6460.

CADS 5500 APPAREL MERCHANDISING PORTFOLIO (2) LEC. 2. Pr. (CADS 3850 or CADS 3853) and P/C CADS 3150. Portfolio Development in print and digital formats for merchandising students. Department approval may be needed.

CADS 5510 DIGITAL RETAILING FOR APPAREL (3) LEC. 3. Pr. CADS 3850 or CADS 3853. Application of various digital retailing and merchandising concepts and strategies for apparel businesses.

CADS 5600 GLOBAL SOURCING IN TEXTILES AND APPAREL (3) LEC. 3. Pr. (ECON 2020 or ECON 2023 or ECON 2027) and (ANTH 1000 or ANTH 1003 or ANTH 1007 or GEOG 1010 or GEOG 1013 or GEOG 1017 or PSYC 2010 or PSYC 2013 or PSYC 2017 or SOCY 1000 or SOCY 1007) or Departmental approval. The role of fiber, textile, and apparel industries in the international economy. AMDP major.

CADS 5610 GLOBAL RETAILING STRATEGIES FOR TEXTILE AND APPAREL PRODUCTS (3) LEC. 3. Pr. (CADS 2000 or CADS 2003 or CADS 2007) and (CADS 3850 or CADS 3853). Strategies for successful global business expansion for textile and apparel retailers. Credit granted for only one of: CADS 5610, CADS 6610, MKTG 4330.

CADS 5650 TEXTILE AND APPAREL EVALUATION (4) LEC. 2. LAB. 6. Pr. CADS 3600. Testing procedures for characterization and evaluation of fabrics and sewn products for apparel and interiors. Credit will not be given for both CADS 5650 and CADS 6650.

CADS 5700 ENTREPRENEURSHIP IN APPAREL AND INTERIORS (3) LEC. 3. Departmental approval. Analyzing business opportunities in textiles, apparel, and interiors; developing marketing concepts and entrance strategies. Credit will not be given for both CADS 5700 and CADS 6700.

CADS 5730 HISTORY OF TEXTILES (3) LEC. 3. Pr., Core History or departmental approval. Cultural, economic, material, technological, and aesthetic perspectives on the evolution of textiles. Credit will not be given for both CADS 5730 and CADS 6730.

CADS 5750 APPAREL LINE DEVELOPMENT (4) LEC. 2. LAB. 6. Pr. CADS 3750 and CADS 4800. Team driven design, production, and market research. Development of apparel lines. Credit will not be given for both CADS 5750 and CADS 6750.

CADS 5760 FASHION ANALYSIS AND FORECASTING (3) LEC. 3. Pr. CADS 1600 and CADS 2740 or CADS 2760. Theories explaining fashion dynamics and techniques for forecasting change, with case applications in textiles, apparel, and retailing. Credit will not be given for both CADS 5760 and CADS 6760. AMDP major.

CADS 5770 PORTFOLIO DEVELOPMENT FOR APPAREL DESIGN (4) LST. 4. Pr. P/C CADS 3750 and P/C CADS 4800. Survey of advanced techniques in design presentation including computer-aided design and graphics software. Portfolio development in print, digital, and web formats for apparel design students.
CADS 5850 APPAREL MERCHANDISING AND RETAIL MANAGEMENT (4) LEC. 3. LAB. 2. Pr. CADS 3850 or CADS 3853. Problem-solving and decision making strategies for retailing apparel, textiles, and other consumer products. Credit will not be given for both CADS 5850 and CADS 6850. AMDP major.

CADS 5860 ADVANCED RETAIL BUYING (3) LEC. 2. LAB. 1. Pr. CADS 5850. Departmental approval. Planning, executing and evaluating retail buying to maximize ROI. Credit will not be given for both CADS 5860 and CADS 6860.

CADS 6300 INTERIOR DESIGN STUDIO: HOSPITALITY (4) LEC. 1, LEC/STU. 6. Development of hospitality design solution with emphasis on industry trends and practice-based approaches. Graduate standing; departmental approval needed.

CADS 6310 SUSTAINABLE DESIGN AND LEED ACCREDITATION (3) LEC. 3. Sustainable certification standards and professional accreditation requirements related to sustainability. May count either CADS 5310 or CADS 6310.


CADS 6450 HISTORY OF COSTUME (3) LEC. 3. Historical roles of dress in western civilization. Cultural, social, and physical evolution. Credit will not be given for both CADS 6450 and CADS 5450. Departmental approval. Graduate standing.

CADS 6460 FASHION INDUSTRY SINCE 1910 (3) LEC. 3. Departmental approval. Fashion history, designers and businesses from 1910 to the present. May count either CADS 5460 or CADS 6460. Graduate standing.

CADS 6500 APPAREL MERCHANDISING PORTFOLIO (2) LEC. 2. Pr. CADS 5850 or CADS 5860. Portfolio development in print and digital formats for merchandising students.

CADS 6510 DIGITAL RETAILING FOR APPAREL (3) LEC. 3. Application of various digital retailing and merchandising concepts and strategies for apparel businesses. Graduate standing or departmental approval needed.

CADS 6600 GLOBAL SOURCING IN TEXTILES AND APPAREL (3) LEC. 3. Departmental approval. The role of fiber, textile, and apparel industries in the international economy. Credit will not be given for both CADS 5600 and CADS 6600. Graduate standing.

CADS 6610/6616 GLOBAL RETAILING STRATEGIES FOR TEXTILE AND APPAREL PRODUCTS (3) LEC. 3. Strategies for successful global business expansion for textile and apparel retailers. Credit given for only one of: CADS 5610, CADS 6610, MKTG 4330. Departmental approval.

CADS 6650 TEXTILE AND APPAREL EVALUATION (4) LEC. 2. LAB. 6. Pr. CADS 3600. Departmental approval. Testing procedures for characterization and evaluation of fabrics and sewn products for apparel and interiors. Credit will not be given for both CADS 5650 and CADS 6650. Spring.

CADS 6700 ENTREPRENEURSHIP IN APPAREL AND INTERIORS (3) LEC. 3. Departmental approval. Analyzing business opportunities in textiles, apparel, and interiors; developing marketing concepts and entrance strategies. Credit will not be given for both CADS 5700 and CADS 6700.

CADS 6730 HISTORY OF TEXTILES (3) LEC. 3. Departmental approval. Cultural, economic, material, technological, and aesthetic perspectives on the evolution of textiles. Credit will not be given for both CADS 5730 and CADS 6730.

CADS 6750 APPAREL LINE DEVELOPMENT (4) LEC. 2. LAB. 6. Team-driven design, production, and market research. Development of apparel lines. Credit will not be given for both CADS 5750 and CADS 6750. Departmental approval. Graduate standing.

CADS 6760/6766 FASHION ANALYSIS AND FORECASTING (3) LEC. 3. Departmental approval. Theories explaining fashion dynamics and techniques for forecasting change with case applications in textiles, apparel, and retailing. Credit will not be given for both CADS 6760 and CADS 5760.

CADS 6770 PORTFOLIO DEVELOPMENT FOR APPAREL DESIGN (4) LST. 4. Survey of advanced techniques in design presentation including computer-aided design and graphics software. Portfolio development in print, digital and web formats for an apparel design focus. Departmental approval needed. May count either CADS 5770 or CADS 6770.

CADS 6850 APPAREL MERCHANDISING AND RETAIL MANAGEMENT (4) LEC. 3. LAB. 2. Departmental approval. Problem-solving and decision making strategies for retailing, apparel, textiles, and other consumer products. Credit will not be given for both CADS 6850 and CADS 5850.
CADS 6860 ADVANCED RETAIL BUYING (3) LEC. 2. LAB. 1. Departmental approval. Planning, executing and evaluating retail buying to maximize ROI. Credit will not be given for both CADS 5860 and CADS 6860.

CADS 7040 PROTOCOL FOR GRADUATE STUDY (1) LEC. 1. SU. Departmental approval. Introduction to policies, practices, and expectations for successful completion of the graduate degree.

CADS 7050 RESEARCH METHODS IN CONSUMER AND DESIGN SCIENCES (3) LEC. 3. Pr. CADS 7060. Research and investigation methods appropriate to the study of consumer and design sciences.

CADS 7060 SURVEY OF CONSUMER AND DESIGN SCIENCES RESEARCH (3) LEC. 3. Presentation and discussion of a broad array of research topics to support literature review development.

CADS 7100 ENVIRONMENTAL DESIGN THEORIES AND APPLICATIONS (3) LEC. 3. Theories, methodologies, and current issues relevant to interior design; sociological, psychological, ecological, and post-modern perspectives. Departmental approval for Prerequisites.


CADS 7530 SUSTAINABILITY THEORY AND APPLICATIONS (3) LEC. 3. Pr. P/C CADS 7050. Departmental approval needed. Overview of current sustainability theories, research, and methodologies from the perspectives of different fields of study. Evaluation of literature and practices in the apparel and textile industrial complex, interior design practice, and related products and services through people, processes, and the environment. Development and presentation of original scholarly or creative design work within sustainability frameworks.

CADS 7670 SOCIAL PSYCHOLOGICAL THEORIES IN CONSUMER AND DESIGN SCIENCES (3) LEC. 3. Pr. P/C CADS 7050. Examination of theories that explain the social-psychological aspects of consumer behavior related to apparel and design sciences.

CADS 7690 CONSUMER THEORY IN APPAREL AND INTERIORS (3) LEC. 3. Pr. CADS 7050. Departmental approval. Overview of various theories used in consumer research with an emphasis on their application in apparel, merchandising, design, and interiors.

CADS 7900 DIRECTED STUDIES (1-3) IND. SU. Course may be repeated for a maximum of 6 credit hours.

CADS 7910 SUPERVISED TEACHING IN CONSUMER AND DESIGN SCIENCES (1) AAB/IND. 1. SU. Departmental approval. Practical experience teaching in the classroom. Course may be repeated for a maximum of 3 credit hours.

CADS 7920 GRADUATE INTERNSHIP (3) INT. 3. Departmental approval. Supervised professional experience in the United States or internationally.

CADS 7930 ADVANCED DESIGN PROJECTS (1-6) IND. SU. Departmental approval. Independent execution of advanced design work. (A) Apparel; (B) Interiors; (C) Visual Merchandising; (D) Textile Design. Course may be repeated for a maximum of 6 credit hours.

CADS 7940 STUDY/TRAVEL IN CONSUMER AND DESIGN SCIENCES (1-3) FLD. SU. Departmental approval. Concentrated study/travel in the U.S. or internationally. Course may be repeated for a maximum of 6 credit hours.

CADS 7950 SEMINAR (1) SEM. 1. SU. Departmental approval. Research presentations and discussion. Course may be repeated for a maximum of 3 credit hours.

CADS 7960 SPECIAL PROBLEMS (1-3) IND. SU. Departmental approval. Directed readings in textiles, apparel, interiors and retailing. Course may be repeated for a maximum of 6 credit hours.

CADS 7970 SPECIAL TOPICS IN DESIGN (1-6) RES. Departmental approval. (A) Apparel; (B) Interiors; (C) Visual Merchandising; (D) Textile Design. Independent execution of advanced design work. Course may be repeated for a maximum of 6 credit hours.

CADS 7980 GRADUATE PROJECT (1-3) RES. Departmental approval. In-depth, integrative research in a particular project related to apparel, textiles, interiors or consumer behavior. Course may be repeated for a maximum of 6 credit hours.

CADS 7990 RESEARCH AND THESIS (1-10) AAB/MST. Course may be repeated with change in topics.

CADS 8100 APPAREL AND INTERIORS BRANDING (3) LEC. 3. Pr. CADS 7050. Departmental approval. Critical examination of theories and methodological issues in branding research and application in apparel and interior product and service branding.
CADS 8950 INDUSTRY ISSUES SEMINAR (1) LEC. 1. SU. Research presentations and discussions on issues facing consumer and design sciences. Course may be repeated for a maximum of 6 credit hours.

CADS 8960 CURRENT ISSUES IN CONSUMER AND DESIGN SCIENCES (1-3) LEC. Departmental approval. Examination of current issues in consumer and design sciences. Course may be repeated for a maximum of 6 credit hours.

CADS 8970/8976 SPECIAL TOPICS (1-3) LEC. Departmental approval. Topics related to various aspects of consumer and design sciences. Course may be repeated for a maximum of 9 credit hours.

CADS 8990 RESEARCH AND DISSERTATION (1-10) DSR. Course may be repeated with change in topics.

Global Studies/Human Sciences Courses

GSHS 2000 GLOBAL STUDIES HUMAN SCIENCES (3) LEC. 3. An introduction to global studies with emphasis on topics relevant to Human Sciences majors.

GSHS 2007 HONORS GLOBAL STUDIES HUMAN SCIENCES (3) LEC. 3. An introduction to global studies with emphasis on topics relevant to Human Sciences majors.

GSHS 3000 GLOBAL STUDIES IN HUMAN SCIENCES LECTURE SERIES (1) LEC. 1. Pr. GSHS 2000. Coreq. GSHS 3010. Invited speakers and lectures will explore global studies topics from a human sciences perspective.

GSHS 3010 PROFESSIONAL DEVELOPMENT IN GLOBAL STUDIES (2) LEC. 2. Pr. GSHS 2000. Coreq. GSHS 3000. Job-seeking and career development skills for Global Studies Professionals, based upon individual needs.

GSHS 3970 SPECIAL TOPICS GLOBAL STUDIES IN HUMAN SCIENCES (1-3) LEC. 1-3. Departmental approval. Study of topics of special interest beyond the current GSHS course offerings. Course may be repeated for a maximum of 9 credit hours.

GSHS 4920 GLOBAL STUDIES INTERNSHIP (12) INT. 450. Pr. GSHS 2000 and GSHS 3000. Supervised professional internship in an international setting. Senior standing and 2.25 GPA.

GSHS 4980 RESEARCH GLOBAL STUDIES IN HUMAN SCIENCES (1-6) RES. 1-6. Pr. GSHS 2000 and GSHS 3000. Research in Global Studies in Human Sciences Course may be repeated for a maximum of 6 credit hours.

GSHS 4997 HONORS THESIS (1-6) LEC. 1-6. SU. Pr. GSHS 2000 and GSHS 3000 and GSHS 3010 and GSHS 4920. Honors thesis course for Global Studies in Human Sciences majors. Course may be repeated for a maximum of 6 credit hours.

GSHS 5000 GLOBAL STUDIES IN HUMAN SCIENCES CAPSTONE (3) LEC. 3. Pr. GSHS 2000 and GSHS 3000 and GSHS 4920. A capstone course designed to bring global studies issues that are relevant to the human sciences field into focus through problem-based learning.

Human Dev Family Studies Courses

HDFS 1850 CURRENT ISSUES IN HUMAN DEVELOPMENT AND FAMILY STUDIES (3) LEC. 3. Current issues facing families and children evaluated in the light of scientific research.

HDFS 2000/2003 MARRIAGE AND FAMILY IN A GLOBAL CONTEXT (3) LEC. 3. Examination of marriage and family systems, including their interface with the broader socio-cultural context. Fall, Spring.

HDFS 2010/2013 LIFESPAN HUMAN DEVELOPMENT IN FAMILY CONTEXT (3) LEC. 3. Human development within the context of the family and across the family life cycle with a focus on significant life transitions. Fall, Spring. Credit will not be given for both HDFS 2010 and HDFS 2013.

HDFS 2030/2033 PROFESSIONAL DEVELOPMENT AND ETHICS (3) LEC. 3. Appraisal of career potential, formulation of a professional code of ethics, and exploration of career options. Fall, Spring.

HDFS 2040/2043 ANALYTICS FOR THE SOCIAL AND BEHAVIORAL SCIENCES (4) LEC. 3. LAB. 1. Pr. (MATH 1100 or MATH 1120 or MATH 1130 or MATH 1133 or MATH 1150 or MATH 1153 or MATH 1610 or MATH 1613 or MATH 1617). Introduction to basic data analysis used in social and behavioral science research, including descriptive and inferential techniques and elements of research design. May count either HDFS 2040, HDFS 2043 or PSYC 2130.
HDFS 2050 ISSUES AND TRENDS IN EARLY CHILD DEVELOPMENT (3) LEC. 3. This course will examine the history of the field of early care and education, specifically in regard to young children. Theorists such as Montessori, Dewey, Piaget and Vygotsky will be discussed. Modern approaches such as Reggio Emilia, High Scope, Forest Schools and Open Schools will be examined. Students will learn about laws pertaining to young children as well as avenues for advocacy. Emphasis will be placed on the importance of building family and community relationships as well as becoming a professional in the early childhood field.

HDFS 3010/3013 CHILD DEVELOPMENT IN THE FAMILY (3) LEC. 3. Pr. 2.25 GPA. HDFS 2010 or HDFS 2013. Social, emotional, physical and intellectual development in early and middle childhood with a special focus on family relationships. Fall, Spring. Credit can not be given for both HDFS 3010 and HDFS 3013.

HDFS 3030 ADOLESCENT DEVELOPMENT IN THE FAMILY (3) LEC. 3. Pr. 2.25 GPA. HDFS 2010 or HDFS 2013. 2.25 GPA. Analysis of adolescent development with emphasis on family context and developmental outcomes employing an ecological framework.

HDFS 3040 HUMAN SEXUALITY OVER THE FAMILY LIFE CYCLE (3) LEC. 3. Pr. HDFS 2000 or (SOCY 1000 or SOCY 1007) or (PSYC 2010 or PSYC 2013 or PSYC 2017). Human sexuality from a life-cycle perspective, emphasizing developmental, familial and societal factors.

HDFS 3050 ADULT DEVELOPMENT AND AGING (3) LEC. 3. Exploration of the transformations in physical, cognitive, psychological and social functioning beginning in young adulthood and continuing through old age.

HDFS 3060/3063 PATTERNS OF FAMILY INTERACTION (3) LEC. 3. Pr. 2.25 GPA. HDFS 2000. Examination of family process and interaction, emphasizing major conceptual frameworks of family development. Fall, Spring.

HDFS 3080 DEVELOPMENT OF INTERPERSONAL RELATIONSHIPS (3) LEC. 3. Pr. 2.25 GPA. HDFS 2000. Examination of the competencies necessary for development of successful interpersonal relationships. Fall, Spring.

HDFS 3380 STUDY ABROAD OPPORTUNITIES IN HUMAN SCIENCES (1) LEC. 1. Exploration of study abroad opportunities for students interested in the International Minor in Human Sciences.

HDFS 3460 EFFECTIVE GUIDANCE AND INTERACTION WITH YOUNG CHILDREN (3) LEC. 2. LAB. 1. Pr. (HDFS 2010 or HDFS 2013) and (P/C HDFS 3010 or P/C HDFS 3013). Child development and teacher child relationship knowledge applied to interactions with young children. Three hours per week at Auburn University Early Learning Center for lab. Fall, Spring.

HDFS 3470 LEARNING EXPERIENCES FOR YOUNG CHILDREN (4) LEC. 4. Pr. HDFS 3460. Child development knowledge applied to preschool curriculum planning with 6 hours a week of supervised participation at Auburn University Early Learning Center. Spring.

HDFS 3910 PRACTICUM (1-6) PRA. SU. Pr., Departmental approval. Directed experience in a professional setting. A) Human Development; B) Family Studies; C) Marriage and Family Therapy. Course may be repeated for a maximum of 6 credit hours.

HDFS 3930 SERVICE LEARNING IN HUMAN DEVELOPMENT AND FAMILY STUDIES (1-6) AAB/LEC. Pr., Departmental approval. Application of HDFS-relevant knowledge to real-life situations through active participation in a directed community service experience. A.) Auburn University Early Learning Center; B.) Harris Early Learning Center of Birmingham; C.) Other Community Placements. Course may be repeated for a maximum of 6 credit hours.

HDFS 3980 UNDERGRADUATE RESEARCH AND STUDY (1-5) AAB/LEC. SU. Directed research under faculty supervision. Course may be repeated for a maximum of 5 credit hours.

HDFS 4380 STUDY AND TRAVEL IN HUMAN DEVELOPMENT AND FAMILY STUDIES (2-6) AAB/FLD. Pr. (CAHS 2000 or CADS 2000 or CADS 2003 or CADS 2007) and HDFS 2000 and (NTRI 2000 or NTRI 2003 or NTRI 2007) or (NUFS 2000 or NUFS 2003 or NUFS 2007). Departmental approval. Study or work in the United States or internationally. Course may be repeated for a maximum of 6 credit hours.

HDFS 4470 ADVANCED LEARNING EXPERIENCES FOR YOUNG CHILDREN (4) LEC. 2, FLD/LEC. 6. Pr. (HDFS 2010 or HDFS 2013) and (HDFS 3010 or HDFS 3013) and HDFS 3460 and HDFS 3470. This course uses child development knowledge applied to advanced curriculum planning, family engagement and child assessment with 6 hours a week of supervised participation at Auburn University Early Learning Center and other centers.

HDFS 4500/4503 HOSPITALIZED CHILDREN AND THEIR FAMILIES (3) LEC. 3. Pr. HDFS 3010 or HDFS 3013. Junior standing.. Junior standing in HDFS major or a major in a related field. Theories and research about children and their families in hospital settings. Credit will not be given for both HDFS 4500 and HDFS 4503.
HDFS 4510/4513 THERAPEUTIC PLAY (3) LEC. 3. Pr. HDFS 3010 or HDFS 3013. Theories and research on play, play’s use in many contexts, and the many therapeutic qualities of play will be discussed. May count either HDFS 4510 or HDFS 4513.

HDFS 4520 DYING, DEATH AND BEREAVEMENT (3) LEC. 3. Exploration of end of life issues from individual, relational and cultural perspectives.

HDFS 4660 RESOURCE MANAGEMENT FOR INDIVIDUALS, COUPLES, AND FAMILIES (3) LEC. 3. An understanding of the decisions individuals and families make about developing and allocating resources.

HDFS 4670 PARENT EDUCATION (3) LEC. 3. Principles of working with parents on individual and group bases. Must be in junior standing.

HDFS 4680 FAMILY IN CROSS-CULTURAL PERSPECTIVE (3) LEC. 3. Pr. 2.25 GPA. HDFS 2000. Examination of family function and diversity in cultures and family systems around the world.

HDFS 4700 GENDER ROLES AND CLOSE RELATIONSHIPS (3) LEC. 3. Pr. HDFS 2000 or SOCY 1000 or SOCY 1007 or PSYC 2010 or PSYC 2013 or PSYC 2017 or COUN 2000. Analysis of changing roles and their effects on romantic, marital, and parent-child relationships.

HDFS 4920 INTERNSHIP IN HUMAN DEVELOPMENT AND FAMILY STUDIES (12) INT. HDFS major with current background check, all required coursework for the major complete, a grade of C or better in all HDFS major core classes at the 3000-level or higher, and an overall minimum GPA of 2.25. Internship applications must be submitted 2 semesters in advance. A computer and internet access is required.

HDFS 4950 ADVANCED SEMINAR (3) LEC. 3. Pr., Departmental approval. Topical seminar in HDFS. A) Advanced Research B) Child Development; C) Family Studies; D) Marriage and Family Therapy. Course may be repeated for a maximum of 9 credit hours.

HDFS 4960 SPECIAL PROBLEMS IN HUMAN DEVELOPMENT AND FAMILY STUDIES (1-3) IND. SU. Pr., Departmental approval. Supervised readings in one or more topical areas. Course may be repeated for a maximum of 3 credit hours.

HDFS 4980 ADVANCED UNDERGRADUATE RESEARCH IN HUMAN DEVELOPMENT AND FAMILY STUDIES (1-5) IND. Pr., Departmental approval, Junior standing. Conduct research under the direction of a human development and family studies faculty member on a topic of mutual interest. Course may be repeated for a maximum of 5 credit hours.

HDFS 4997 HONORS THESIS (2-6) IND. SU. Pr. Honors College. Research in specialized topics. Course may be repeated for a maximum of 6 credit hours.

HDFS 5200 APPLIED RESEARCH AND EVALUATION METHODS (3) LEC. 3. Junior standing. Application of research to the development and evaluation of programming for children and families.

HDFS 5300 HDFS AND SOCIAL POLICY (3) LEC. 3. Junior standing. Examination and critique of social policies from a family perspective.

HDFS 5930 SOCIETY AND HEALTH (3) LEC. 3. This course provides an overview of population-level theories of health and introduces students to concepts in society and health, with a focus on major themes related to social determinants of health and health inequities. May count either HDFS 5930 or HUSC 5930.

HDFS 5950 SEMINAR ON HEALTH ECOLOGY AND EQUITY (3) LEC. 3, SEM. 3. This is a seminar course that features distinguished lecturers. This course provides knowledge on special topics in health ecology and equity, delving into specific research programs. Course may be repeated for a maximum of 6 credit hours.

HDFS 5970 SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY STUDIES (3) LEC. 3. Pr., Junior standing. Study of topics of special interest beyond the current departmental offerings. Course may be repeated for a maximum of 9 credit hours.

HDFS 6200 APPLIED RESEARCH AND EVALUATION METHODS (3) LEC. 3. Graduate standing. Application of research to the development and evaluation of programming for children and families.

HDFS 6300 HDFS AND SOCIAL POLICY (3) LEC. 3. Graduate standing. Examination and critique of social from a family perspective.

HDFS 6930 SOCIETY AND HEALTH (3) LEC. 3. This course provides an overview of population-level theories of health and introduces students to concepts in society and health, with a focus on major themes related to social determinants of health and health inequities. May count either HDFS 6930 or HUSC 6930.
HDFS 6950 SEMINAR ON HEALTH ECOLOGY AND EQUITY (3) LEC. 3, SEM. 3. This is a seminar course that features distinguished lecturers. This course provides knowledge on special topics in health ecology and equity, delving into specific research programs. Course may be repeated for a maximum of 6 credit hours.

HDFS 6970 SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY STUDIES (3) LEC. 3. Pr., Graduate standing. Study of topics of special interest beyond the current departmental offerings. Course may be repeated for a maximum of 9 credit hours.

HDFS 7000 ADOLESCENT DEVELOPMENT (3) LEC. 3. Critical examination of empirical research and theories of adolescent development.

HDFS 7010 CHILD AND ADOLESCENT DEVELOPMENT IN CONTEXT (3) LEC. 3. Survey and critical examination of research on development from birth through adolescence.

HDFS 7020 ADULT DEVELOPMENT IN CONTEXT (3) LEC. 3. Survey and critical evaluation of research on development in the adult and aging periods of the life cycle.

HDFS 7040 FAMILY PROCESSES (3) LEC. 3. An orientation to family theories and their role in contemporary studies of family processes.

HDFS 7050 RESEARCH METHODS FOR HUMAN DEVELOPMENT AND FAMILY STUDIES (3) LEC. 3. Pr., Departmental approval. Survey of principles and methods for studying individuals, dyadic relationships and families.

HDFS 7060 RESEARCH METHODS FOR HUMAN DEVELOPMENT AND FAMILY STUDIES II (3) LEC. 3. Pr. HDFS 7050. Pr., Departmental approval. Survey of principles and advanced methods for studying individuals, dyadic relationships, and families.

HDFS 7600 MARRIAGE AND FAMILY THERAPY THEORY I (3) LEC. 3. Pr., Departmental approval. Overview of theoretical and historical foundations, classic and contemporary therapy models, and integrative frameworks for marriage and family therapy. Fall.

HDFS 7601 MARRIAGE AND FAMILY THERAPY THEORY LABORATORY I (1) LAB. 3. Pr., Departmental approval. Basic clinical skills and self-of-the-therapist issues. Fall.

HDFS 7610 MARRIAGE AND FAMILY THERAPY THEORY II (3) LEC. 3. Pr., Departmental approval. Current theory and conceptual issues in the practice of marriage and family therapy. Fall.


HDFS 7650 MARRIAGE AND FAMILY THERAPY PROFESSIONAL ISSUES (3) LEC. 3. Pr., Departmental approval. Professional, ethical, and legal issues associated with the practice of marriage and family therapy. Summer.

HDFS 7900 DIRECTED STUDIES (1-3) AAB/IND. SU. Pr., Departmental approval. A) Child Care and Programs for Young Children; B) Family Relations; C) Human Development; D) Marriage & Family Therapy; E) Parent Education; F) Social Policy. Course may be repeated for a maximum of 9 credit hours.

HDFS 7910 PRACTICUM (1-9) AAB/PRA. SU. A) Child Care and Programs for Young Children; B) Family Relations; C) Human Development; D) Marriage and Family Therapy; E) Parent Education; F) Social Policy; G) Teaching. Course may be repeated for a maximum of 9 credit hours.

HDFS 7920 MARRIAGE AND FAMILY THERAPY INTERNSHIP (3) INT. Pr., Departmental approval. Clinical practice of marriage and family therapy. Course may be repeated for a maximum of 9 credit hours.
HDFS 7930 SEMINAR IN HUMAN DEVELOPMENT AND FAMILY STUDIES (1-3) SEM. Pr., Departmental approval. A) Infancy/Childhood; B) Adolescence/Young Adulthood; C) Adulthood/Aging; D) Family as a Microsystem; E) Family and Mesosystem; F) Family in the Macrosystem; G) Child and Family Program Planning and Evaluation. Course may be repeated for a maximum of 16 credit hours.

HDFS 7940 DIRECTED FIELD EXPERIENCE (1-9) AAB/FLD. SU. Pr., Departmental approval. A) Child Care and Programs for Young Children; B) Family Relations; C) Human Development; D) Marriage and Family Therapy; E) Parent Education; F) Social Policy. Course may be repeated for a maximum of 9 credit hours.

HDFS 7970 SPECIAL TOPICS IN HDFS (1-4) LEC. Students will learn about key issues in sleep research, especially with those related to family functioning and social/emotional, behavioral, and physical health. Students will have assigned readings to prepare them for discussions during the lectures. Course may be repeated for a maximum of 18 credit hours.

HDFS 7990 RESEARCH AND THESIS (1-10) AAB/MST.

HDFS 8010 RELATIONSHIP DEVELOPMENT AND PROCESS IN CHILDHOOD AND ADOLESCENCE (3) LEC. 3. Theoretical and empirical themes focused on processes and dynamics of relationships in childhood adolescence.

HDFS 8020 RELATIONSHIP DEVELOPMENT AND PROCESS IN ADULTHOOD (3) LEC. 3. Theoretical and empirical themes focused on processes and dynamics of relationships in adulthood and aging.

HDFS 8050 ADVANCED RESEARCH METHODS: COVARIANCE STRUCTURE ANALYSIS (3) LEC. 3. Pr. HDFS 7060. In-depth examination of research methods, designs, and data analytic strategies commonly used in child and family research.

HDFS 8051 ADVANCED RESEARCH METHODS (1) LAB. 1. Pr. HDFS 7060. Coreq. HDFS 8050. Lab designed to enhance the application of advanced research methods and data analytic strategies used in HDFS research.

HDFS 8060 MULTILEVEL MODELING (3) LEC. 3. Pr. HDFS 7060. In depth examination of multilevel modeling as an analytic strategy for research in nested data structures.

HDFS 8061 APPLIED LONGITUDINAL METHODS IN HUMAN DEVELOPMENT AND FAMILY STUDIES LAB (1) LAB. 1. Pr. HDFS 7060. Coreq. HDFS 8060. Lab designed to enhance the examination of longitudinal methodology as an analytic strategy used in HDFS research.

HDFS 8070 MEDIATION AND MODERATION ANALYSIS (3) LEC. 3. Pr. HDFS 7060. Methods for evaluating mediation and moderation hypotheses by addressing both study designs and statistical analyses.

HDFS 8080 SURVIVAL ANALYSIS (SA) AND LATENT CLASS ANALYSIS (LCA) (3) SEM. 3. Pr. HDFS 7060. Methodological advances in longitudinal and categorical analysis have provided promising avenues for researchers interested in answering questions about event occurrence and latent classes. These two analytic techniques will be the focus of this course.

HDFS 8090 QUALITATIVE METHODS IN THE SOCIAL SCIENCES (3) LEC. 3. This course prepares graduate students to conduct and evaluate qualitative research in social science disciplines.

HDFS 8970 ADVANCED SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY STUDIES (1-3) LEC. Departmental approval. Study of advanced topics of special interest beyond the current departmental offerings. Course may be repeated for a maximum of 9 credit hours.

HDFS 8990 RESEARCH AND DISSERTATION (1-10) DSR.

Hospitality Management Courses

HOSP 1010 INTRODUCTION TO HOSPITALITY MANAGEMENT (2) LEC. 2. Overview of the hotel, restaurant, club, and travel industries and their interaction.

HOSP 2300 HOSPITALITY LAW (3) LEC. 3. Pr. (HRMT 1010 or HOSP 1010). or Departmental Approval. Legal systems and laws relevant to the management of restaurants, hotels, private clubs and other hospitality operations. Spring.

HOSP 2350 CULINARY FUNDAMENTALS (3) LEC. 1. LAB. 3. Pr. (HRMT 1010 or HOSP 1010) and NTRI 2000. HRMT Major or Departmental Approval. Introduction to culinary science, methods and techniques used in the classical Garde Manger.
HOSP 2400 FOOD PRODUCTION IN HOSPITALITY (4) LEC. 3. LAB. 3. Pr. (HRMT 1010 or HOSP 1010) and (NTRI 2000 or NTRI 2003 or NTRI 2007) and BIOL 1000. Hospitality Major Only or Departmental Approval. Skills, competencies and knowledge to manage a variety of food production and service facilities. Fall, Spring.

HOSP 2500 LODGING OPERATION (2) LEC. 2. Lodging operations management, with emphasis on guest cycle.

HOSP 2600 EVENT OPERATIONS (3) LEC. 3. An analysis of each component pertinent to the planning and operations of a hospitality event. Topics such as strategic planning, event design, logistics, staging, marketing, and event evaluation will be discussed.

HOSP 2910 HOSPITALITY PRACTICUM (1) PRA. 3. Pr. HRMT 1010 or HOSP 1010. Hospitality Major Only. Rotational perspective on the management and operation of the Auburn University Hotel and Conference Center.

HOSP 2940 PROFESSIONAL DEVELOPMENT IN HOSPITALITY (1) LEC. 1. Hospitality Management Major or departmental approval. Job-seeking and career development skills, based upon individual needs.

HOSP 3200 HOSPITALITY FINANCIAL MANAGEMENT (3) LEC. 3. Pr. (ACCT 2810 or ACCT 2110 or ACCT 2117). Hospitality Management Major only. Financial systems and statements in the hospitality industry. Spring.

HOSP 3400 HOSPITALITY MARKETING (3) LEC. 3. Pr. (P/C MKTG 3310 or P/C MKTG 3313 or P/C MKTG 3317). Junior standing. Junior standing and Hospitality Major Only or Departmental Approval. Service marketing concepts and issues as applied to the global hospitality industry. Fall.

HOSP 3550 FUNDAMENTALS OF BAKING (3) LEC. 2. LAB. 4. Pr. HRMT 1010 or HOSP 1010 and NTRI 2000. HRMT Major Only or Departmental Approval. This course will address the scientific foundations of food production as well as the fundamentals of the practice of baking necessary to produce quality baked products.

HOSP 3750 PATISSERIE AND CONFECTIONARY (3) LEC. 2. LAB. 4. Pr. HRMT 2400 or HRMT 2350 or HOSP 2400 or HOSP 2350. HRMT Major Only or Departmental Approval. This course includes the study of classical culinary terms, safety and sanitation practices. Emphasis will be placed on hot, cold, frozen and contemporary plated desserts. Students will study classical techniques and presentations, creating popular international desserts.

HOSP 3800 HOSPITALITY INFORMATION TECHNOLOGY (3) LEC. 3. Pr. HOSP 1010 or HRMT 1010. Hospitality Major only or Departmental Approval. Strategic and operational issues surrounding introduction of technology in hospitality. Spring.

HOSP 4200 HOSPITALITY FACILITIES MANAGEMENT (3) LEC. 3. Pr. (HRMT 2400 or HOSP 2400) and (HRMT 2500 or HOSP 2500). Departmental approval. Design and operation of hospitality facilities. Fall.

HOSP 4300 FOOD AND BEVERAGE MANAGEMENT (3) LEC. 3. Pr. (HRMT 2400 or HOSP 2400). Control system design, implementation, and management in food and beverage operations. Fall.

HOSP 4350 ADVANCED RESTAURANT MANAGEMENT (3) LEC. 3. Pr. (HRMT 2400 or HOSP 2400 and HRMT 4300 or HOSP 4300). Advanced concepts and managerial issues of restaurant management.

HOSP 4480 GLOBAL GASTRONOMY (3) LEC. 2. LAB. 4. Pr. (HRMT 2400 or HOSP 2400) and (HRMT 2350 or HOSP 2350). HOSP Major or Departmental Approval. The study of classical cooking skills associated with the preparation and service of international and ethnic cuisines. Additionally, food will be explored from a historical, cultural, economic and geopolitical perspective in each of the regions/countries studied.

HOSP 4500 STRATEGIC HOSPITALITY MANAGEMENT (3) LEC. 3. Pr. (HRMT 1010 or HOSP 1010) and (MNGT 3100 or MNGT 3103 or MNGT 3107) or MNGT 3810. Hospitality Major only or Departmental Approval. Development and implementation of strategic management in hospitality. Spring.

HOSP 4510 SPECIAL EVENTS (3) LEC. 3. Pr. HRMT 2600 or HOSP 2600. Hospitality Major Only or Departmental Approval. This course teaches students all the intricacies of special events. Students learn about the different types of special events and how different they are from each other. Students should be able to plan, organize and manage.

HOSP 4570 GLOBAL HOSPITALITY (3) LEC. 3. Contemporary issues confronting the global hospitality industry. Management and marketing operations emphasized.

HOSP 4600 BEVERAGE APPRECIATION (3) LEC. 3. 21 Years Old. Junior standing. Hospitality Major Only or Departmental Approval. Production, selection, service, and sensory evaluation of alcoholic and non-alcoholic beverages.
HOSP 4700 HOSPITALITY PROPERTY DEVELOPMENT & MANAGEMENT (3) LEC. 3. Pr. HOSP 2500. This course introduces students to the complex world of resort management while also providing an understanding of the hotel/resort product development cycle from development to opening and management. It explores management responsibilities for project development, construction, supervision, pre-opening requirements, and operations.

HOSP 4800 SENIOR LECTURE SERIES (1) LEC. 1. SU. Hospitality Management Major Only; Junior or Senior Standing. Successful leaders share their experiences with career development, industry related topics and issues, successful management strategies and leadership. Spring.

HOSP 4920 INTERNSHIP IN HOSPITALITY (4) INT. 4. Pr. HRMT 2910 or HOSP 2910. HRMT major, 2.2 cumulative gpa. 600 hours (during collegiate experience) work experience in hospitality. Application of principles and theories of hospitality in a professional hospitality setting.

HOSP 5460 CATERING AND EVENT MANAGEMENT (1) LEC. 1. Pr. HRMT 1010 or HOSP 1010. Departmental approval. Systems for managing conference coordination. May count HRMT 5540 or 6540/6546.

HOSP 5461 CATERING AND EVENT MANAGEMENT (2) LAB. 4. Pr. (HRMT 1010 or HOSP 1010) and (HOSP 5460 or HRMT 5460). Departmental approval. Provides students with a leadership practical experience in the planning, coordinating and execution of The Hospitality GALA and to provide a forum whereby they work alongside industry professionals.

HOSP 5530 SCIENCE OF QUALITY SERVICE IN HOSPITALITY (3) LEC. 3. Junior standing. Hospitality Major only or departmental approval. Role of quality service in attaining and retaining customers with emphasis on organizational strategic mission. May count HOSP 5530/6530/6536. Spring.


HOSP 5550 CLUB MANAGEMENT (3) LEC. 3. Pr. HOSP 1010 or HRMT 1010. Junior standing. Junior standing. Examination of unique features, opportunities and problems associated with club management. Credit will not be given for HOSP 5550 and HOSP 6550/6556.

HOSP 5590 RECREATIONAL FOOD SERVICE MANAGEMENT (3) LEC. 3. Pr. HRMT 2400 or HOSP 2400 or Departmental approval. Methods and systems of managing foodservice operations recreational facilities. Credit is not allowed for both HOSP 5590 and HOSP 6590/6596.

HOSP 6460 CATERING AND EVENT MANAGEMENT (1) LEC. 1. Departmental approval. Exploring advanced management topics in catering and event planning including risk, liability, crisis and other challenges faced by the industry.

HOSP 6461 CATERING AND EVENT MANAGEMENT (2) LAB. 4. Pr. HRMT 6460 or HOSP 6460. Departmental approval. Provides students with a leadership practical experience in the planning, coordinating and execution of The Hospitality GALA and to provide a forum whereby they work alongside industry professionals.

HOSP 6530/6536 SCIENCE OF QUALITY SERVICE IN HOSPITALITY (3) LEC. 3. Departmental approval. This course introduces students to the important role that quality service plays in attaining and retaining customers in the pursuit of an organizations strategic mission. Credit will not be given for HOSP 6530/6536 and HOSP 5530.

HOSP 6540/6546 CONFERENCE COORDINATION (3) LEC. 3. Departmental approval. Systems for the management of the conference coordination segment of the hospitality industry. Credit will not be given for HOSP 6540/6546 and HOSP 5540.

HOSP 6550/6556 CLUB MANAGEMENT (3) LEC. 3. Departmental approval. Unique features, opportunities, and problems associated with resort and club management. Credit will not be given for HOSP 6550/6556 and HOSP 5550.

HOSP 6590/6596 RECREATIONAL FOODSERVICE MANAGEMENT (3) LEC. 3. Departmental approval. Methods and systems of managing foodservice operations in recreational facilities. Credit will not be given for both HOSP 6590/6596 and HOSP 5590.

HOSP 7000/7006 HOSPITALITY ENTERPRISE (3) LEC. 3. Emphasizes aspects of hospitality enterprise including developmental, motivational, financial and human resource issues through contemporary academic literature. Credit will not be given for both HOSP 7000 and HOSP 7006.
HOSP 7010/7016 ADVANCED TOURISM ANALYSIS (3) LEC. 3. This course acquaints students with selected theories, methods, techniques, current issues, practices, and principles that govern tourism behavior. Credit will be given for both HOSP 7010 and HOSP 7016.

HOSP 7050/7056 ADVANCED HOSPITALITY OPERATIONS (3) LEC. 3. This course familiarizes students with theory, research and methodological issues, current issues, practices, and principles in hospitality operations. Students will be exposed to a broad range of academic research and practice-oriented readings such as case studies and book chapters in the area of customer relations management, service quality, sustainable operations and corporate social responsibility, strategic management, human resource management, financial management, etc. Must be in Graduate Standing.

HOSP 7090/7096 CONSUMER BEHAVIOR IN HOSPITALITY AND TOURISM (3) LEC. 3. This course aims to explore and critically examine current debates, critical reflections of contemporary ideas, controversies and pertinent queries relating to the rapidly expanding discipline of consumer behavior in hospitality and tourism. Must be a student enrolled in the HOSP graduate program.

HOSP 7106 THE BUSINESS OF BREWING (3) DSL. 3.

HOSP 7116 BREWING MATERIALS (3) DSL. 3. This course provides students with an introduction to all types of brewing ingredients including grain, hops, and adjuncts. Baccalaureate degree and 21 years of age.

HOSP 7126 SCIENCE OF BREWING I (3) DSL. 3. Theoretical and applied brewing science, recipe formulation, yeast biology and genetics part I. Baccalaureate degree and 21 years of age.

HOSP 7136 SCIENCE OF BREWING 2 (3) DSL. 3. Theoretical and applied brewing science, recipe, formulation, yeast biology and genetics part 2. Baccalaureate Degree, 21 years of age.

HOSP 7146 FACILITIES AND OPERATIONS (3) LEC. 3. This course will focus on the facilities required to produce a high quality, safe and sanitary product. Baccalaureate Degree, 21 years of age.

HOSP 7500/7506 GLOBAL HOSPITALITY STRATEGY (3) LEC. 3. The course addresses the strategic issues and unique challenges encountered by international hospitality endeavors.

HOSP 7910/7916 PRACTICUM IN BREWING SCIENCE (1-3) PRA. SU. Departmental approval. Application of principles and theories of brewing in an industry setting. Course may be repeated for a maximum of 3 credit hours.

HOSP 7920/7926 PROFESSIONAL INTERNSHIP IN HOSPITALITY MANAGEMENT (1-3) INT. SU. Departmental approval. Application and analysis of principles and theories of hospitality in a professional hospitality setting. No more than three hours may count toward a graduate degree. Course may be repeated for a maximum of 3 credit hours.

HOSP 7980/7986 NON-THESIS RESEARCH (1-4) RES. 1-4. Individual masters research. May be repeated for credit. Course may be repeated with change in topics. No more than four hours may be counted toward meeting degree requirements. Must be an HOSP major.

HOSP 7990 RESEARCH AND THESIS (1-4) RES. 1-4. Individual masters research. May be repeated for credit. Course may be repeated with change in topics. No more than four hours may be counted toward meeting degree requirements. Must be a HOSP major.

HOSP 8020 NEW FACULTY DEVELOPMENT IN HOSPITALITY (2) SEM. 2. The course aims to engage graduate students in a discussion about the normative graduate education experience, faculty expectations on productivity around this experience, career preparation and placement, and navigating the promotion and tenure process. Must be a HOSP Graduate student or have Departmental Approval.

HOSP 8860/8866 CURRENT ISSUES IN HOSPITALITY MANAGEMENT (3) LEC. 3. Analysis of current issues in the hospitality industry with emphasis on management.

HOSP 8870 ADVANCED HOSPITALITY MANAGEMENT RESEARCH AND APPLICATIONS (3) LEC. 3. Comprehensive review of the academic research process in the context of hospitality management.

HOSP 8880 THEORETICAL DEVELOPMENTS FOR HOSPITALITY (3) LEC. 3. The nature of hospitality theory and its development.

HOSP 8990 RESEARCH AND DISSERTATION (1-10) DSR. 1-10. Individual doctoral dissertation research. May be repeated for credit. Course may be repeated with change in topics. Must be HOSP major.
Human Sciences, General Courses

HUSC 1010/1013 INTRODUCTION TO HUMAN SCIENCES (2) LEC. 2. An introduction course to provide an understanding of the discipline of Human Sciences, history, and career opportunities.


HUSC 3380/3383 STUDY ABROAD OPPORTUNITIES IN HUMAN SCIENCES (2) LEC. 2. Departmental approval. Coreq. HUSC 4380 and HUSC 4010 and HUSC 4940. Pre-departure orientation for student participating in the Joseph S. Bruno Auburn Aboard program in Ariccia, Italy. May also be taken by students exploring study abroad opportunities through the alternative International Minor in Human Sciences. Ungapped 2.5 gpa

HUSC 3970 SPECIAL TOPICS IN HUMAN SCIENCES (1-3) LEC. 1-3. Special Topics in Human Sciences Course may be repeated for a maximum of 6 credit hours.

HUSC 4000 HUNGER STUDIES CAPSTONE (3) LEC. 3. Pr. HUSC 2000 or HUSC 2003 or HUSC 2007. Examination of global and domestic hunger issues from multidisciplinary perspectives.

HUSC 4010 CHS AT AU IN ITALY: INTEGRATED GLOBAL STUDIES (6) LEC. 6. Pr. (P/C HUSC 3380 or P/C HUSC 3383) or P/C HUSC 4380 or P/C HUSC 4940. Departmental approval. Coreq. HUSC 4380 and HUSC 3383 and HUSC 4940 and HUSC 3380. Multi-faceted cultural experience focused on individuals/families in the context of history and Italian culture.

HUSC 4380 AUBURN ABROAD IN ITALY STUDY AND TRAVEL (2) AAB/FLD. 2. Pr. (P/C HUSC 3380 or P/C HUSC 3383) and P/C HUSC 4010 and P/C HUSC 4940. Coreq. HUSC 3380 and HUSC 3383 and HUSC 4010 and HUSC 4940. Broaden world views, increase cultural awareness, and demonstrate an ability to function global through the Auburn Abroad in Italy program. Ungapped 2.25 gpa.

HUSC 4480 GLOBAL STUDY TRAVEL IN HUMAN SCIENCES (1-12) AAB. Sophomore/Junior/Senior Standing or Departmental approval application required. Student international study travel to study topics relevant to human sciences and quality of life issues. Course may be repeated for a maximum of 12 credit hours.

HUSC 4940 CHS AT AU IN ITALY: DIRECTED FIELD EXPERIENCES (6) AAB/FLD. 6. Pr. (P/C HUSC 3380 or P/C HUSC 3383) or P/C HUSC 4010 or P/C HUSC 4380 or departmental approval. Coreq. HUSC 4010 and HUSC 3383 and HUSC 4380 and HUSC 3380. Supplemental lectures for HUSC 4010 provided through field trips and participation in Italian culture experiences. Ungapped 2.5 gpa

HUSC 4980 UNDERGRADUATE RESEARCH IN HUMAN SCIENCES (1-3) LEC. 1-3. SU. Undergraduate research in the human sciences Course may be repeated for a maximum of 6 credit hours.

HUSC 5930 SOCIETY AND HEALTH (3) LEC. 45. This course provide an overview of population-level theories of health and introduces students to concepts in society and health, with a focus on major themes related to social determinants of health and health inequities. May count either HUSC 5930 or HDFS 5930.

HUSC 5940 STUDY AND TRAVEL IN HUMAN SCIENCES (1-12) AAB/LEC. Pr. 2.25 GPA. Provide students with opportunities to reach beyond the classroom to study topics that are relevant to human sciences and quality of life issues. Application required; additional requirements may apply. Course may be repeated for a maximum of 12 credit hours.

HUSC 5950 SEMINAR ON HEALTH ECOLOGY AND EQUITY (3) LEC. 3. This is a seminar course that features distinguished lecturers. This course provides knowledge on special topics in health ecology and equity, delving into specific research programs. May count either HUSC 5950 or HDFS 5950. Course may be repeated for a maximum of 6 credit hours.

HUSC 6930 SOCIETY AND HEALTH (3) LEC. 45. This course provides an overview of population-level theories of health and introduces students to concepts in society and health, with a focus on major themes related to social determinants of health and health inequities. May count either HUSC 6930 or HDFS 6930.
HUSC 6940 STUDY AND TRAVEL IN HUMAN SCIENCES (1-6) AAB/LEC. Provide students with opportunities to reach beyond the classroom to study topics that are relevant to human sciences and quality of life issues. Application required; additional requirements may apply. Course may be repeated for a maximum of 6 credit hours.

HUSC 6950 SEMINAR ON HEALTH ECOLOGY AND EQUITY (3) SEM. 3. This is a seminar course that features distinguished lecturers. This course provides knowledge on special topics in health ecology and equity, delving into specific research programs. May count either HUSC 6950 or HDFS 6950. Course may be repeated for a maximum of 6 credit hours.

HUSC 7910 CHS AT AU IN ITALY PROGRAM ADMINISTRATION PRACTICUM (6) AAB/PRA. 6. SU. Graduate status and acceptance to the Joseph S. Bruno Auburn Abroad in Italy program. One course in interpersonal communications or consent of instructor. Directed practical experience administering an undergraduate study abroad program.

Nutrition Courses


NTRI 2010 BASIC SPORTS NUTRITION (3) LEC. 3. Pr. (Biol 1020 or BIOL 1027) or (NTRI 2000 or NTRI 2003 or NTRI 2007 or NUFS 2000 or NUFS 2003 or NUFS 2007). An introductory course on the relationship between nutrition and sports performance. Topic areas to be covered include energy, carbohydrates, protein/amino acids, fluids, vitamins, minerals, body weight and supplement use as they directly relate to sports performance.

NTRI 2070 CAREERS IN NUTRITION, DIETETICS AND WELLNESS (1) LEC. 1. Pr. NTRI 2000 or NTRI 2003 or NTRI 2007 or NUFS 2000 or NUFS 2003 or NUFS 2007. Professional roles and responsibilities in nutrition, dietetics, and wellness with emphasis on careers professional development and conduct.

NTRI 3380 STUDY ABROAD OPPORTUNITIES IN HUMAN SCIENCES (1) LEC. 1. Exploration of study abroad opportunities for students interested in the International Minor in Human Sciences.

NTRI 3560 EXPERIMENTAL STUDY OF FOODS (4) LEC. 3. LAB. 3. Pr. (NTRI 2000 or NTRI 2003 or NTRI 2007) or (NUFS 2000 or NUFS 2003 or NUFS 2007) and (BIOL 1020 or BIOL 1027) and CHEM 1030 or Departmental approval. Experimental approach to the chemistry of food including composition, preparation, recipe modification, food quality, sanitation, processing, and food laws.

NTRI 3750 NUTRITION EDUCATION (2) LEC. 2. Pr. (PSYC 2010 or PSYC 2013 or PSYC 2017) and (NTRI 2000 or NTRI 2003 or NTRI 2007) or (NUFS 2000 or NUFS 2003 or NUFS 2007). A variety of perspectives and strategies designed to facilitate dietary behaviors conducive to health and well-being.

NTRI 3940 COMMUNITY SERVICE (3-9) LEC. 1. LAB. 6. Departmental approval. Application of NTRI-related knowledge to real-life situations through participation in directed community service experiences. A) nutrition; B) hospitality; C) general NTRI. Course may be repeated for a maximum of 9 credit hours.

NTRI 4090 PROFESSIONAL ISSUES IN DIETETICS AND NUTRITION (1) LEC. 1. SU. Pr. NTRI 2070 or NTRI 2077. NTDI or departmental approval. Junior standing. Professional issues and trends affecting dietetics and nutrition practice; planning for professional advancement; includes externship.

NTRI 4560 FOOD SYSTEMS OPERATIONS (2) LEC. 2. Pr. NTRI 2050 or NTRI 3560 or NUFS 2050 or NUFS 3560 or Departmental approval. Principles for managing resources required in planning, purchasing, preparing and serving high quality food in food service operations.

NTRI 4561 FOOD SYSTEMS OPERATIONS LAB (2) LAB. 4. Pr. NTRI 2050 or NTRI 3560 or Departmental approval. Coreq. NTRI 4560. Laboratory experience in food service operations. Food safety certification is included. TB test.

NTRI 4580 FOOD AND CULTURE (2) LEC. 2. Departmental approval. Cultural and social factors affecting food habits and nutritional status of populations throughout the world.

NTRI 4620 PUBLIC HEALTH NUTRITION (3) LEC. 3. Pr. STAT 2510 or STAT 2513. Coreq. NTRI 5820. Population-focused approaches that facilitate healthy diets through policy development and environmental changes.
NTRI 4820 MACRONUTRIENTS (3) LEC. 3. Pr. (NTRI 2000 or NTRI 2003 or NTRI 2007 or NUFS 2000 or NUFS 2003 or NUFS 2007) and P/C BCHE 3180 and BIOL 2510 or Departmental approval. Physiological and biochemical basis for energy-yielding nutrients; structure, function, dietary requirements, digestion, absorption, transport and metabolism of macronutrients. Spring.

NTRI 4830 VITAMINS AND MINERALS (3) LEC. 3. Pr. (NTRI 2000 or NTRI 2003 or NTRI 2007 or NUFS 2000 or NUFS 2003 or NUFS 2007) and P/C BCHE 3180. Metabolism, dietary needs, deficiency symptoms and food sources of vitamins and minerals in humans. Spring.

NTRI 4930 DIRECTED STUDIES (1-8) AAB/IND. Departmental approval. Independent reading or research in a content area of special interest; supervised by a faculty member. Course may be repeated for a maximum of 8 credit hours.

NTRI 4970 SPECIAL TOPICS (1-3) LEC. Departmental approval. A) Nutrition, B) Hotel and Restaurant Management. A course offering unique or current issues not covered in a regularly scheduled course. Course may be repeated for a maximum of 6 credit hours.

NTRI 4980 UNDERGRADUATE RESEARCH AND STUDY (1-9) AAB/IND. Departmental approval. Directed research under faculty supervision. Course may be repeated for a maximum of 9 credit hours.

NTRI 4997 HONORS THESIS (1-3) IND. SU. Pr. Honors College. Departmental approval. Research in specialized topics. Course may be repeated for a maximum of 3 credit hours.

NTRI 5020 MEDICAL NUTRITION I (4) LEC. 3. LAB. 2. Pr. NTRI 4820 and NTRI 4830. Coreq. NTRI 4090. NTDI or departmental approval. Applications of nutrition assessment and medical nutrition therapy to the pathophysiological changes associated with endocrine and gastrointestinal disorders. May count either NTRI 5020 or NTRI 6020.

NTRI 5030 MEDICAL NUTRITION II (4) LEC. 3. LAB. 2. Pr. NTRI 5020 or NTRI 6020. NTDI or department approval. Medical nutrition therapy for diseases of the cardiovascular, renal, and respiratory systems; oncology; critical care; and conditions of infancy/childhood. May count either NTRI 5030 or NTRI 6030.

NTRI 5100 NUTRITION IN DISEASE PREVENTION (2) LEC. 2. Pr. (NTRI 4820 or NUFS 4820 or NUFS 4830 or NUFS 4833) and NTRI 4830. The functions, safety, and efficacy of selected nutrients and herbs in the prevention and/or treatment of selected diseases/conditions.

NTRI 5380 STUDY/TRAVEL IN NUTRITION, DIETETICS AND HOSPITALITY MANAGEMENT (1-6) AAB/FLD. Departmental approval. Concentrated study in nutrition, food science, or hotel and restaurant management in the US or international locations. Course may be repeated for a maximum of 6 credit hours.

NTRI 5560 NUTRITION AND FOOD SERVICE MANAGEMENT (3) LEC. 3. Pr. (P/C NTRI 4560 or P/C NTRI 4561) or Departmental approval. Organization, management and marketing of food and nutrition service systems in health care facilities. Credit will not be given for both NTRI 5560 and NTRI 6560. Spring.

NTRI 5620 SPORTS NUTRITION (3) LEC. 3. Pr. BIOL 2510 and BCHE 3180. Departmental approval. Relationships between energy, carbohydrates, proteins, fluids, vitamins, minerals, body weight, ergogenic aids and physical performance. Credit will not be given for both NTRI 5620 and NTRI 6620. Spring.

NTRI 5760 NUTRITION COUNSELING (2) LEC. 2. Pr. NTRI 3750 and (P/C NTRI 5030 or P/C NTRI 6030). NTDI or department approval. Application of counseling techniques, with an emphasis on Motivational Interviewing, to facilitate behavior change. May count either NTRI 5760 or NTRI 6760.

NTRI 5820 NUTRITION IN THE LIFE CYCLE (3) LEC. 3. Pr. NTRI 4830 or NUFS 4830 or NUFS 4833. Departmental approval. Metabolic and clinical aspects of nutrition during key periods of the life cycle emphasizing pregnancy, infancy, adolescence and late adulthood. Credit will not be given for both NTRI 5820 and NTRI 6820. Fall.

NTRI 5830 NUTRITIONAL GENOMICS (3) LEC. 3. Pr. (NTRI 4820 or NUFS 4820 or NUFS 4830 or NUFS 4833) and NTRI 4830. Principles of nutrient-gene interactions and how these interactions influence human health and disease. May count either NTRI 5830 or NTRI 6830.

NTRI 5910 CLINICAL PRACTICUM IN DIETETICS (1) PRA. 3. SU. NTDI or department approval. Application of the practice of dietetics in a clinical or community setting.
NTRI 6020 MEDICAL NUTRITION I (4) LEC. 3. LAB. 2. Pr. (NTRI 4820 or NUFS 4820 or NUFS 4830 or NUFS 4833) and NTRI 4830. Applications of nutrition assessment and medical nutrition therapy to the pathophysiological changes associated with endocrine and gastrointestinal disorders. May count either NTRI 5020 or NTRI 6020.

NTRI 6030 MEDICAL NUTRITION II (4) LEC. 3. LAB. 2. Pr. (NTRI 5020 or NTRI 6020). Coreq. NTRI 6760. Medical nutrition therapy for diseases of the cardiovascular, renal, and respiratory systems; oncology; critical care; and conditions of infancy/childhood. May count either NTRI 5030 or NTRI 6030.

NTRI 6100/6106 NUTRITION IN DISEASE PREVENTION (2) LEC. 2. Pr. (NTRI 5820 or NUFS 5820 or NUFS 4830 or NUFS 4833) and NTRI 4830. The functions, safety, and efficacy of selected nutrients herbs in the prevention and/or treatment of selected diseases/conditions. May count either NTRI 5100 or NTRI 6100.

NTRI 6380 STUDY/TRAVEL IN NUTRITION, DIETETICS AND HOSPITALITY MANAGEMENT (1-6) AAB/FLD. Departmental approval. Concentrated study in nutrition, food science, or hotel and restaurant management in the US or international locations. Course may be repeated for a maximum of 6 credit hours.

NTRI 6560/6566 NUTRITION AND FOOD SERVICE MANAGEMENT (3) LEC. 3. Pr. NTRI 4560 or NTRI 4561 or Departmental approval. Organization, management and marketing of food and nutrition service systems in health care facilities. Credit will not be given for both NTRI 6560 and NTRI 5560. Spring.

NTRI 6620 SPORTS NUTRITION (3) LEC. 3. Pr. BIOL 2510 and BCHE 3180. Departmental approval. Relationships between energy, carbohydrates, proteins, fluids, vitamins, minerals, body weight, ergogenic aids and physical performance. Credit will not be given for both NTRI 6620 and NTRI 5620. Spring.

NTRI 6760 NUTRITION COUNSELING (2) LEC. 2. Pr. NTRI 3750 and NUFS 3750. Coreq. NTRI 5030 and NTRI 6030. Application of counseling techniques, with an emphasis on Motivational Interviewing, to facilitate behavior change. May count either NTRI 5760 or NTRI 6760.

NTRI 6820/6826 NUTRITION IN THE LIFE CYCLE (3) LEC. 3. Pr. NTRI 4830 or NUFS 4830 or NUFS 4833. Departmental approval. Metabolic and clinical aspects of nutrition during key periods of the life cycle emphasizing pregnancy, infancy, adolescence and late adulthood. Credit will not be given for both NTRI 6820 and NTRI 5820. Fall.

NTRI 6830 NUTRITIONAL GENOMICS (3) LEC. 3. Principles of nutrient-gene interactions and how these interactions influence human health and disease.

NTRI 7016 ADVANCED PRACTICUM IN DIETETICS (1-9) DSL. SU. DPD verification statement. Enrollment in Masters in Nutrition Program or department approval. Supervised practical experience in clinical, food service, and community settings for development of entry-level skills for the registered dietitian. Course may be repeated for a maximum of 9 credit hours.

NTRI 7050/7056 METHODS OF RESEARCH (2) LEC. 2. Departmental approval. Research methods and designs applicable to disciplines represented in nutrition dietetics and hospitality management. Credit is not allowed for both NTRI 7050 and NTRI 7056. Spring.

NTRI 7280 LABORATORY METHODS IN FOOD SCIENCE AND NUTRITION (3) LEC. 2. LAB. 3. Departmental approval. Modern laboratory techniques and instruments used in human nutrition and food science research.

NTRI 7500/7506 MINERALS (3) LEC. 3. Departmental approval. Sources, digestion, absorption, transport, function and metabolism of major and trace minerals in the human body. Fall.

NTRI 7510/7516 VITAMINS (3) LEC. 3. Departmental approval. Advanced study of metabolism, requirements, interactions and deficiencies of the fat and water soluble vitamins as related to humans. Fall.


NTRI 7530/7536 HUMAN NUTRIENT METABOLISM (4) LEC. 4. Advanced study of nutrition and metabolism, as related to humans. Department approval. Credit will not be given for both NTRI 7530 or NTRI 7536 once developed, or BCHE 6180 and BCHE 6190, and/or BCHE 7200.

NTRI 7850/7856 RESEARCH SEMINAR FOR MASTER'S PROGRAM (1) SEM. 1. Departmental approval. Current topics in nutrition, dietetics and hospitality management presented by M.S. graduate students.
**NTRI 7910 PRACTICUM IN NUTRITION AND DIETETICS (1-12)** PRA. SU. Departmental approval. Application of principles and theories of nutrition in a professional setting. No more than three hours may count toward a graduate degree. Course may be repeated for a maximum of 12 credit hours.

**NTRI 7930/7936 ADVANCED INDEPENDENT STUDY (1-6)** IND. Departmental approval. Advanced reading or research approved and supervised by a faculty member. Course may be repeated for a maximum of 6 credit hours.

**NTRI 7960/7966 SPECIAL PROBLEMS (1-5)** IND. Departmental approval. Critical analysis of classic and current research. Course may be repeated for a maximum of 10 credit hours.

**NTRI 7980/7986 NONTHESIS RESEARCH (1-6)** RES. SU. Departmental approval. In-depth work in a particular project related to hotel and restaurant management. Course may be repeated for a maximum of 6 credit hours.

**NTRI 7990 RESEARCH AND THESIS (1-10)** MST. Departmental approval. Research in an area of specialization. Course may be repeated with change in topics.

**NTRI 8850 RESEARCH SEMINAR FOR DOCTORAL PROGRAM (1-2)** SEM. Departmental approval. Required for doctoral students in nutrition and hospitality management. Advanced topics in nutrition and food science presented by doctoral students. Course may be repeated for a maximum of 2 credit hours.

**NTRI 8910 SUPERVISED TEACHING (1)** AAB/IND. 1. Departmental approval. Practical experience teaching in the classroom. Course may be repeated for a maximum of 3 credit hours.

**NTRI 8970/8976 ADVANCED TOPICS IN NUTRITION, DIETETICS AND HOSPITALITY MANAGEMENT (1-6)** LEC. Departmental approval. A) Nutrition, B) Hotel and Restaurant Management. Course may be repeated for a maximum of 6 credit hours.

**NTRI 8990 RESEARCH AND DISSERTATION (1-10)** AAB/DSR. Departmental approval. Research in an area of specialization. Course may be repeated with change in topics.