School of Human Environmental Sciences (HESC)

Donna L. Graham
Director
118 Human Environmental Sciences Building
479-575-4305

School of Human Environmental Sciences Website

The School of Human Environmental Sciences at the University of Arkansas prepares students for a wide variety of professional careers in education, industry, business, government, and community services. The school is concerned with improving the quality of life for individuals and families as they exist and function in society. Human environmental sciences draws knowledge from research, from the physical, biological, and social sciences, and from arts and humanities. It relates this knowledge to an understanding of individuals' and families' needs and goals for food, clothing, shelter, management of resources, and human development and relationships. The School of Human Environmental Sciences has made a substantial contribution to the development of individuals and families through undergraduate and graduate preparation of human environmental scientists and through research in human nutrition, foods, human development, family sciences, apparel and textiles.

Majors

Six majors are offered in the School of Human Environmental Sciences:

- Apparel Merchandising and Product Development (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/apparelmerchandisingandproductdevelopmentampd/)
- Birth through Kindergarten (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/birth-through-kindergarten-brkd/)
- Food, Nutrition and Health (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/foodnutritionhealth/)
- Hospitality Management (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/hospitalitymanagementhosp/)
- Human Development and Family Sciences (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/humandevelopmentandfamilyscienceshdfs/)
- Human Nutrition and Dietetics (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/humannutritionanddietetics/)

Minors

Five minors are offered in the School of Human Environmental Sciences:

- Apparel Merchandising and Product Development Global Experience (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/apparelmerchandisingandproductdevelopmentampd/#minorinampdglobalexperiencetext)
- Child Services (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/birth-through-kindergarten-brkd/#minorinchildservicestext)
- Event Management (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/hospitalitymanagementhosp/#minorineventmanagementtext)
- Hospitality Management (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/hospitalitymanagementhosp/#minorinhospitalitymanagementtext)
- Human Development and Family Sciences (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/humandevelopmentandfamilyscienceshdfs/#minorinhumandevelopmentandfamilysciencestext)
- Human Nutrition (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/dalebumperscollegeofagriculturalfoodandlifesciences/schoolofhumanenvironmentalscienceshesc/humannutritionanddietetics/#minorinhumannutritiontext)

Faculty

Apple, Laurie Marie McAlister, Ph.D. (Oklahoma State University), M.S., B.S. (University of Arkansas), Associate Professor, 2000, 2007.
Becnel, Jennifer N., Ph.D. (Arizona State University), M.A. (University of California-San Francisco). B.A. (San Diego State University), Assistant Professor, 2014.
Bowman, Jennifer, M.S., B.S. (University of Arkansas), Instructor, 2020.
Cho, Eunjoo, Ph.D. (Iowa State University), M.S., B.S. (Hanyang University, Seoul), Associate Professor, 2013, 2019.
Duncan, James M., Ph.D. (Florida State University), M.S. (University of Arkansas), Instructor, 2017.
Fillastre, Michelle D., PH.D., M.S. (Louisiana State University), Instructor, 2020.
Fuller, Serena M., Ph.D. (University of California, Davis), Associate Professor, 2014.
Garrison, Mary Elizabeth, Ph.D., M.S. (Iowa State University), B.S. (Benedictine College), Professor, 2014.
Harding, Lorna, M.S. (University of Alberta, Canada), B.A. (University of Western Ontario, Canada), Instructor, 2004.
Herold, Laura K., Ph.D., M.A. (University of Michigan), B.A. (Oberlin College), Teaching Assistant Professor, 2015.

Hixson, Sarah, Ph.D. (Iowa State University); M.S. (University of Arkansas); B.S. (University of Arkansas), Teaching Assistant Professor, 2023.
Johnston, Nicholas, Ph.D., M.S., B.S. (Texas Tech University), Assistant Professor, 2022.
Killian, Timothy Scott, Ph.D. (University of Missouri-Columbia), M.A. (Wheaton College), B.A. (Central Bible College), Associate Professor, 2001, 2007.
Kim, Kyuree, Ph.D. (Iowa State University); M.S., B.S. (Yonsei University), Assistant Professor, 2022.
Ma, Weiyi, Ph.D, M.A. (University of Delaware), B.A. (China West Normal University), Associate Professor, 2017, 2023.
McNally, Shelley Ann, Ph.D. (University of Toledo), M.S., B.S. (Ohio University), Professional Practice Assistant Professor, 2016.
Mosley, Jacquelyn Dee, Ph.D. (Texas Tech University), M.S. (Arizona State University), B.A. (University of Northern Iowa), Professor, 2021, 2016.
Moxley, Shari Coleman, Ph.D. (University of North Carolina), Instructor, 2013.
O'Brien, Catherine, Ph.D. (University of Illinois, Chicago), M.P.H. (San Diego State University), M.A. (University of California, San Diego), B.S.Ed. (University of Wisconsin, Madison), Instructor, 2016.
Overby, Theresa, B.A. (University of Arkansas, Little Rock), Instructor, 2020.
Pendergraft, Sarah Ann, M.S. (University of Arkansas), B.S. (Texas Christian University), Instructor, 2020.
Post, Rana, M.B.A. (William Woods University), B.S. (University of Missouri, Columbia), Instructor, 2008.
Powell, Rob, M.S., B.S. (Louisiana State University), Instructor, 2020.
Roberts, Mallori, M.S. (Auburn University); B.S. (University of Arkansas), Instructor, 2023.
Robertson, Lona, Ed.D. (Indiana University, Bloomington), M.S., B.S. (Florida State University), Professor, 2006, 2011.
Siahmakoun, Lobat, M.S. (University of Arkansas), B.S. (Missouri Southern State University), Instructor, 2015.
Southward, Leigh, Ph.D., M.S., B.S. (University of Tennessee), B.S. (Mississippi University for Women), Associate Professor, 2008.
Stallings, Melinda, M.A. (University of Houston–Clear Lake), B.S. (Louisiana State University), Instructor, 2019.
Terrell, Amanda, Ph.D., M.S., B.S. (Oklahoma State University), Assistant Professor, 2017.
Timby, Donia, M.S., B.S. (University of Arkansas), Instructor, 2017.
Traywick, LaVona S., Ph.D. (University of Kentucky), M.A. (University of Arkansas-Little Rock), B.S. (University of Central Arkansas), Associate Professor, 2017.
Trudo, Sabrina P., Ph.D. (University of Washington), B.S. (Brigham Young University), Associate Professor, Twenty First Century Endowed Chair in Human Environmental Sciences, 2015.
Way, Kelly Ann, Ph.D., M.S., B.S. (Oklahoma State University), Associate Professor, 2006, 2012.

Apparel Merchandising and Product Development Courses

AMPD 10103. Introduction to Clothing Concepts. 3 Hours.
Origin of dress, the evolution of fashion as an economic power, the sociological and psychological aspects of clothing in various cultures, aesthetics of dress, selection and consumption of clothing. Lecture 3 hours per week. (Typically offered: Fall and Spring)

AMPD 101H3. Honors Introduction to Clothing Concepts. 3 Hours.
Origin of dress, the evolution of fashion as an economic power, the sociological and psychological aspects of clothing in various cultures, aesthetics of dress, selection and consumption of clothing. Lecture 3 hours per week. Prerequisite: Honors standing. (Typically offered: Fall and Spring)

AMPD 10203. Introduction to Apparel Production. 3 Hours.
Course focuses on basic principles of apparel production and analysis of garment components of mass produced apparel. Students utilize computer generated designs in the production process. Laboratory 6 hours per week. Prerequisite: HESC or AMPD students only. (Typically offered: Fall and Spring)

AMPD 20103. Fashion, Buying and Promotion in a Global Market. 3 Hours.
Fashion components, marketing theories and practices as they specifically relate to apparel, home goods, and other design driven products in the global market. Focus on principles and techniques on how fashion marketers develop and apply marketing strategies that meet consumer needs at a profit. International buying and promotional aspects of the apparel industry are emphasized. Lecture 3 hours per week. Prerequisite: AMPD major and AMPD 10103. (Typically offered: Fall and Spring)

AMPD 201H3. Honors Fashion, Buying and Promotion in a Global Market. 3 Hours.
Fashion components, marketing theories and practices as they specifically relate to apparel, home goods, and other design driven products in the global market. Focus on principles and techniques on how fashion marketers develop and apply marketing strategies that meet consumer needs at a profit. International buying and promotional aspects of the apparel industry are emphasized. Lecture 3 hours per week. Prerequisite: AMPD major, AMPD 10103 and honors standing. (Typically offered: Fall and Spring)

AMPD 20303. Computer Based Methods for Apparel. 3 Hours.
This course is designed to give students basic experience with CAD (computer aided design) apparel industry software in a computer laboratory environment. Prerequisite: AMPD majors only, AMPD 10103, AMPD 10203 and ASTM 29003 or ISYS 11203 or equivalent. (Typically offered: Fall and Spring)

AMPD 20503. Introduction to Textile Science. 3 Hours.
Textile fibers and fabrics, their structure, properties, manufacture, wearing qualities and methods of laundering, finishing, and dyeing. Artistic and economic selection of materials for clothing and household furnishings. Lecture 3 hours per week. Prerequisite: HESC, AMPD or FCSE students only. (Typically offered: Fall and Spring)

AMPD 20603. Quality Assessment of Apparel. 3 Hours.
Study of apparel from the perspective of structure, aesthetics, cost and expected performance of the finished product. Lecture 2 hours per week, lab 2 hours per week. Prerequisite: AMPD 10203 and AMPD 20503. (Typically offered: Fall and Spring)

AMPD 20703. Flat Pattern Drafting. 3 Hours.
A study of product development and production through flat pattern manipulation and the related vocabulary necessary to communicate professionally within the industry. Pre- or Corequisite: AMPD 20603. (Typically offered: Fall and Spring)

AMPD 30203. Sustainability in the Apparel and Textile Industry. 3 Hours.
This course examines the global fashion industry's historical, sociological, and environmental facets and the current techniques and methods available to advance it. Throughout the course, students will be enabled to comprehend the relationship between sustainable development and the apparel industry. Additionally, students will be given the tools to think critically about the industry's common and less-discussed aspects, such as consumption, durability, and sustainable design. Also, the students will gain an appreciation of the complexities of the economic impacts of externalities on the industry, both positive and negative will be gained. Also, students will investigate the industry's social and environmental impacts and the tools available to monitor and measure positive effects. Prerequisite: Junior Standing. (Typically offered: Spring)

AMPD 30303. Merchandising Math for the Apparel Industry. 3 Hours.
Exploration of activities associated with the procurement of fashion apparel. A fashion analysis is directed toward apparel demands and the creation of a fashion statement by the use of specific quantitative skills. Course follows fashion item from the designer to the store. Lecture 3 hours per week. Prerequisite: MATH 11003 or three credit hours of STAT and AMPD 20103. (Typically offered: Fall and Spring)

AMPD 30403. Fashion Brand Management. 3 Hours.
This course focuses on the fundamental elements of omnichannel retailing including online/offline marketing and the implications of technologies for branding , the concepts, of brand equity, and brand relationships with consumers., and the implications of technologies on the branding process in the fashion industry. The course topics include the concepts of fashion branding basics, digital communication, and integrated physical/digital experiences including in-store sales, e-commerce, m-commerce and social commerce of luxury, sustainable and technology driven branding. Prerequisite: AMPD 20103. (Typically offered: Fall and Spring)

AMPD 30503. Computer Aided Textile Design. 3 Hours.
This course is designed to give students advanced skills in textile design using industry based computer aided design (CAD) software. Prerequisite: AMPD 20303 and AMPD 20503 or instructor consent. (Typically offered: Fall and Spring)

AMPD 30603. Digital Apparel Production. 3 Hours.
Use of industry specific computer aided software to perform pattern making, technical package, marketing, and other cross-functional team communication materials. Pre- or Corequisite: AMPD 20703, AMPD 20303, and AMPD 20603. (Typically offered: Fall and Spring)

AMPD 30701. Apparel Merchandising and Product Development Pre-Internship. 1 Hour.
A study of job descriptions, responsibilities at the management level, structural operations, work procedures, job performance evaluations, job application, the resume, and portfolio development in preparation for AMPD 40803, AMPD Internship. Lecture 1 hour per week. Prerequisite: AMPD majors only. (Typically offered: Spring)

AMPD 32003. Fashion Styling - UARC. 3 Hours.
This course exposes students to the essential skills necessary for success in the field of fashion styling. Future stylists will learn the criteria to produce striking images for all visual media including entertainment, music, print and advertising. In addition, they will gain an understanding of the interdisciplinary collaborative nature within the creative process while working with directors, photographers and production crew. This course is only offered to AMPD students. This course will be offered by the University of Arkansas Rome Center, Italy. Prerequisite: AMPD majors only or consent of instructor. (Typically offered: Fall)

AMPD 32103. Trend Forecasting - UARC. 3 Hours.
Forecasting is one of the most rapidly growing research areas in fashion as well as in many other industry fields. Anticipating consumer demand is crucial and the ability to trend forecast is a skill required for product development. This course will enable students to develop trend forecasts by analyzing the global environment they live in using varied methodologies. The students will learn how to navigate between existing predictions and translate them for product development. This course is only offered to AMPD students. This course will be offered by the University of Arkansas Rome Center, Italy. Prerequisite: AMPD majors only or consent of instructor. (Typically offered: Fall)

AMPD 40101. History of Apparel Through Film to 1900. 1 Hour.
This course uses historic costume films to trace the evolution of clothing from ancient Egypt to the Twentieth Century. Emphasis is placed on societal aspects such as politics, religion, economy, technology, education, sports, class structure, and gender roles, and how they affect and change dress. Web-based course. (Typically offered: Fall and Spring)

AMPD 40203. Merchandising Application for the Apparel Industry. 3 Hours.
Application of merchandising theory, principles and practices in a capstone class. An in depth study of innovative apparel business concepts as applied to manufacturers and retailers of apparel including apparel classification, seasonal cycles, stock emphasis, assortment strategies, target customers, and apparel trends. Includes an overview of marketing communication including advertising, personal selling, and sales promotion. Prerequisite: AMPD 30303 and AMPD 30403 or instructor consent. (Typically offered: Fall and Spring)

AMPD 40503. Historic and Contemporary Apparel. 3 Hours.
This course traces the evolution of clothing from ancient times to the twentieth century with emphasis upon Western civilization and includes the study of contemporary fashion as a social force including the origin, scope, theory, and history of the fashion business, the materials of fashion, the fashion producers, auxiliary fashion enterprises, designers, fashion leaders, and leading market. Cultural and economic factors affecting dress, adornment and customs associated dress will be stressed. The Lecture 3 hours per week. Prerequisite: Completed 75 credit hours or instructor consent. (Typically offered: Fall and Spring)

AMPD 40603. Advanced Apparel Production. 3 Hours.
An advanced study of product development incorporating technology used in the industry for a career in fashion merchandising and/or product development in a computer laboratory environment. Laboratory 6 hours per week. Prerequisite: AMPD 20603 and AMPD 20703. (Typically offered: Fall and Spring)

AMPD 406H3. Honors Advanced Apparel Production. 3 Hours.
An advanced study of product development incorporating technology used in the industry for a career in fashion merchandising and/or product development in a computer laboratory environment. Laboratory 6 hours per week. Prerequisite: AMPD 20603, AMPD 20703 and honors candidacy. (Typically offered: Fall and Spring)

AMPD 40703. Fashion Show Theory and Production. 3 Hours.
A study of the fashion show including the history, purpose, future of, and elements necessary to produce a successful show. A study of fashion show production through experiential project-based learning and committee membership planning and implementing a fashion show. (Typically offered: Spring)

AMPD 40803. Apparel Merchandising and Product Development Internship. 3 Hours.
A practical experience in a retail store or in a work situation related to the apparel industry to gain insight into the field of apparel merchandising and operations. Prerequisite: Junior standing and 2.50 cum GPA and AMPD 20103, AMPD 20303, AMPD 20603, AMPD 20703, AMPD 30303, AMPD 30403, AMPD 30701, SPCH 10003 and instructor consent. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

AMPD 40903. Global Sourcing in the Apparel Industry. 3 Hours.
The manufacturing and distribution of textiles and apparel products is a truly global industry, making it crucial to understand current political, social, and economic developments within the international marketplace. This course offers a comprehensive framework and approach to understanding the global textile and apparel industries, trade, and markets. This framework is used to holistically examine the global sourcing of textiles and apparel in the context of supply chain sustainability, while exploring the roles and specializations of world regions and selected countries that are major players in the textile and apparel marketplace. Prerequisite: (ECON 21403 or (ECON 21003 and ECON 22003) or (AGEC 11003 and AGEC 21003)) and AMPD 30303 or instructor consent. (Typically offered: Fall and Spring)

AMPD 41003. Evolution of Fashion and Society Through Television Media. 3 Hours.
This course uses television programming from its early beginnings in the 1930s through to the twenty-first century to trace major events, societal changes, and the associated evolution of fashion. The course examines television both as an innovator and diffuser of fashion trends. (Typically offered: Fall and Spring)

AMPD 41101. History of Apparel Through Film from 1900 to Present. 1 Hour.
This course uses historic costume films to trace the evolution of clothing from 1900 to Present. Emphasis is placed on societal aspects such as politics, religion, economy, technology, education, sports, class structure, and gender roles, and how they affect and change dress. Web based course. (Typically offered: Fall and Spring)

AMPD 42103. Fashion Illustration - UARC. 3 Hours.
The purpose of this course is to develop the fundamentals skills necessary in fashion illustration. Students will be highly encouraged to use various mediums, and also utilize these skills to develop a individual style of drawing for their own design collections. This course is only offered to AMPD students. This course will be offered by the University of Arkansas Rome Center, Italy - Course# FASHDRW-317. Prerequisite: AMPD majors only or consent of instructor. (Typically offered: Fall)

AMPD 42203. Design Concepts for Fashion Merchandising - UARC. 3 Hours.
This course examines the elements of research and design in fashion design, fabrications and merchandising. The student develops creative skills as well as an awareness of the various roles played by workers in the fashion industry. This course is only offered to AMPD students. This course will be offered by the University of Arkansas Rome Center, Italy - Course # FASHDES-316. Prerequisite: AMPD majors only or consent of instructor. (Typically offered: Fall)

AMPD 42303. Fashion Design - UARC. 3 Hours.
This course focuses on the key components of the fashion design process including research, trend forecasting, materials investigation and presentation of valuable, market-specific collections. Designers consider current market trends and design concepts as influences on merchandising. Extensive opportunities for the development and communication of a personal design vision in illustrated presentations helps students build portfolio-ready collections. Industry directed projects also provide opportunities to develop brand-conscious yet creative concepts and designs. CAD skills are utilized in a variety of presentational techniques. This course is only offered to AMPD students. This course will be offered by the University of Arkansas Rome Center, Italy - Course # FASHDES-316. Prerequisite: AMPD majors only or consent of instructor. (Typically offered: Fall)

AMPD 42403. Pattern Development II - UARC. 3 Hours.
Students learn to drape basic bodice and skirt variations on standard industrial dress forms. Original garments are designed, draped and sewn. Accurate pattern-making, sewing and attention to design fundamentals are stressed throughout the course. This course is only offered to AMPD students. This course will be offered by the University of Arkansas Rome Center, Italy - Course# FASD-311. Prerequisite: AMPD majors only or instructor consent. (Typically offered: Fall)

AMPD 49001. AMPD International Pre-Study Tour. 1 Hour.
A study of specific regional and international fashion markets for apparel studies in preparation for AMPD 49102 AMPD International Study Tour. The course examines the design, production, distribution and retailing of fashion goods from couture fashion to mass markets. AMPD 49001 is content specific to each AMPD 49102 international study tour and must be repeated for each study tour destination. A grade of "C" or better is required to participate in AMPD 49102. Prerequisite: 2.0 minimum GPA. AMPD majors with minimum 30 hours, or consent. (Typically offered: Spring and Summer) May be repeated for up to 4 hours of degree credit.

AMPD 490H1. Honors AMPD International Pre-Study Tour. 1 Hour.
A study of specific regional and international fashion markets for apparel studies in preparation for AMPD 49102 AMPD Study Tour. The course examines the design, production, distribution and retailing of fashion goods from couture fashion to mass markets. AMPD 49001 is content specific to each AMPD 49102 study tour and must be repeated for each study tour destination. A grade of "C" or better is required to participate in AMPD 49102. Prerequisite: 2.0 minimum GPA. AMPD majors with minimum 30 hours, or consent. (Typically offered: Spring and Summer) May be repeated for up to 4 hours of degree credit.

AMPD 49102. AMPD International Study Tour. 2 Hours.
An on-site study of international fashion markets for apparel merchandising and product development. Course further examines the design, production, distribution and retailing of fashion goods from couture fashion to mass markets as outlined in AMPD 49001. Course includes study trip; length based upon destination. Additional fees required. Course offered each May Intersession. Prerequisite: AMPD 49001 (with a C or better), 2.0 min. GPA, AMPD major with min. 30 hours, and instructor consent. Corequisite: AMPD 49001 (with a C or better, if corequisite, must have C or better at time of trip), 2.0 min. GPA, AMPD major with min. 30 hours, and instructor consent. (Typically offered: Summer) May be repeated for up to 6 hours of degree credit.
This course is equivalent to AMPD 4912.

AMPD 491H2. Honors AMPD International Study Tour. 2 Hours.
An on-site study of international fashion markets for apparel merchandising and product development. Course further examines the design, production, distribution and retailing of fashion goods from couture fashion to mass markets as outlined in AMPD 49001. Course includes study trip; length based upon destination. Additional fees required. Course offered each May Intersession. Prerequisite: AMPD 49001 (with a C or better), 2.0 min. GPA, AMPD major with min. 30 hours, and instructor consent. (Typically offered: Summer) May be repeated for up to 8 hours of degree credit.
This course is equivalent to AMPD 4912.

AMPD 49201. AMPD New York City Pre-Study Tour. 1 Hour.
A pre-study of the New York fashion market for apparel students. Course examines the design, production, distribution and retailing of fashion goods from couture fashion to mass markets. Course is a pre-requisite for AMPD 49502 a 6 day field study in New York City, NY, May Intercession. This course is only offered to AMPD majors. Prerequisite: 2.0 minimum GPA, and students must be a AMPD majors with a minimum of 30 hours, or consent. (Typically offered: Spring)

AMPD 492H1. Honors AMPD New York City Pre-Study Tour. 1 Hour.
A pre-study of the New York fashion market for apparel students. Course examines the design, production, distribution and retailing of fashion goods from couture fashion to mass markets. Course is a pre-requisite for AMPD 49502 a 6 day field study in New York City, NY, May Intercession. This course is only offered to AMPD majors. Prerequisite: 2.0 minimum GPA, students must be a AMPD majors with a minimum of 30 hours, and honors standing or consent. (Typically offered: Spring)

AMPD 49301. AMPD Regional Pre-Study Tour. 1 Hour.
This course prepares for students for the regional study tour and examines the functions of the apparel industry including but not limited to corporate retailing, production facilities, technology, and trade shows. The focus of this course will change depending on the regional location of the study tour. This course will have an additional program fee for travel expenses. This course is a pre-requisite for AMPD 49602. This course is only offered to AMPD majors. Prerequisite: Students must have a 2.0 minimum GPA, must be an AMPD major with a minimum 30 hours completed, or consent. (Typically offered: Spring)

AMPD 493H1. Honors AMPD Virtual Las Vegas Pre-Study Tour. 1 Hour.
Course examines the buying function of apparel by exploring facets of technology currently being used in the fashion industry. Students will be digitally exposed to assortment planning, budgeting, open-to-buy, and the visual merchandising aspects of apparel retailing. Aspects of the MAGIC trade show held in Las Vegas will be discussed and analyzed. MAGIC is the most comprehensive fashion trade show in the U.S. for apparel, accessories, footwear, and sourcing materials. This course is a pre-requisite for AMPD 49602. This course is only offered to AMPD majors. Prerequisite: Students must have a 2.0 minimum GPA, must be an AMPD major with a minimum 30 hours completed, and must have honors standing or consent. (Typically offered: Spring)

AMPD 49401. AMPD Las Vegas Pre-Study Tour. 1 Hour.
A pre-study of the Las Vegas MAGIC trade show for apparel merchandising and product development. Course examines the design and production of a major trade show and the distribution of wholesale fashion goods to mass markets. Course is a pre-requisite for AMPD 49502 or AMPD 495H2 a 6-day field study in Las Vegas, Nevada, August Intercession. This course is only offered to AMPD majors. Prerequisite: 2.0 minimum GPA, and students must be an AMPD major with a minimum of 30 hours, or consent. (Typically offered: Summer)

AMPD 494H1. Honors AMPD Las Vegas Pre-Study Tour. 1 Hour.
A pre-study of the Las Vegas MAGIC trade show for apparel merchandising and product development. Course examines the design and production of a major trade show and the distribution of wholesale fashion goods to mass markets. Course is a pre-requisite for AMPD 49502 or AMPD 495H2 a 6-day field study in Las Vegas, Nevada, August Intercession. This course is only offered to AMPD majors. Prerequisite: 2.0 minimum GPA, students must be an AMPD major with a minimum of 30 hours, and have honors standing or consent. (Typically offered: Summer)

AMPD 49502. AMPD New York City Study Tour. 2 Hours.
The course examines the application of business practices in the design, production, distribution and retailing of goods including sourcing, and manufacturing to mass markets. Students are expected to take an active role in the learning process for the duration of the study abroad experience, including critical thinking, problem identification and self-initiated inquiry. 2 credit hours Summer May Intersession enrollment includes study tour and related assignments to be completed on site. Prerequisite: AMPD 49201 (with a C or better), 2.0 minimum GPA, AMPD major with minimum 30 hours, and instructor consent. (Typically offered: Spring)

AMPD 495H2. Honors AMPD New York City Study Tour. 2 Hours.
The course examines the application of business practices in the design, production, distribution and retailing of goods including sourcing, and manufacturing to mass markets. Students are expected to take an active role in the learning process for the duration of the study abroad experience, including critical thinking, problem identification and self-initiated inquiry. 2 credit hours Summer May Intersession enrollment includes study tour and related assignments to be completed on site. Prerequisite: AMPD 49201 (with a C or better), 2.0 minimum GPA, AMPD major with minimum 30 hours, honors standing and instructor consent. (Typically offered: Spring)

AMPD 49602. AMPD Regional Study Tour. 2 Hours.
This course will expose students to the functions of the apparel industry including but not limited to corporate retailing, production facilities, technology use, and trade shows depending on regional location. This course will have an additional program fee for travel expenses. Prerequisite: AMPD 49301 (with a C or better), 2.0 minimum GPA, AMPD major with minimum 30 hours, and instructor consent. (Typically offered: Spring)

AMPD 496H2. Honors AMPD Regional Study Tour. 2 Hours.
This course will expose students to the functions of the apparel industry including but not limited to corporate retailing, production facilities, technology use, and trade shows depending on regional location. This course will have an additional program fee for travel expenses. Prerequisite: AMPD 49301 (with a C or better), 2.0 minimum GPA, AMPD major with minimum 30 hours, instructor consent and honors standing. (Typically offered: Spring)

AMPD 49702. AMPD Las Vegas Study Tour. 2 Hours.
A 6 day field study of the Las Vegas MAGIC trade show for apparel studies. Course examines the design and production of a major trade show and the distribution of wholesale fashion goods from to mass markets. Course is a 6-day field study in Las Vegas, Nevada, August Intercession. Prerequisite: AMPD 49401 (with a C or better), 2.0 min. GPA, AMPD major with min. 30 hours, and instructor consent. (Typically offered: Spring)

AMPD 497H2. Honors AMPD Las Vegas Study Tour. 2 Hours.
A 6 day field study of the Las Vegas MAGIC trade show for apparel studies. Course examines the design and production of a major trade show and the distribution of wholesale fashion goods from to mass markets. Course is a 6-day field study in Las Vegas, Nevada, August Intercession. Prerequisite: AMPD 49401 (with a C or better), 2.0 min. GPA, AMPD major with min. 30 hours, honors standing and instructor consent. (Typically offered: Spring)

Hospitality Courses

HOSP 16003. Introduction to Hospitality Management. 3 Hours.
Study of the hospitality industry from a global perspective. Emphasizes an introduction to the different sectors of the hospitality industry: food service, lodging, travel & tourism, and marketing of the sectors. Exposes students to experienced practitioners who provide real life case studies and perspectives on management in the hospitality environment. Provides career development perspectives and instruction as well as management roles and techniques. (Typically offered: Fall and Spring)

HOSP 26003. Purchasing and Cost Control. 3 Hours.
Food purchasing with emphasis on specifications. Relationship of food purchasing to available equipment. Receiving, storage, distribution, and inventory control. Meal quality control and costing. Food and nonfood materials, management of the purchasing process, and communication. Specification writing, menu analysis, and costing. Prerequisite: Must be a HESC, HNAD, FNAH, HOSP or IDST with EVMG track major or a EVMG-M student. (Typically offered: Fall and Spring)

HOSP 26101. Foodservice Sanitation. 1 Hour.
Principles and theory of food safety and sanitation in the hospitality and foodservice industries, focused on prevention of food borne illnesses and ensuring public health and consumer safety. Prerequisite: HNAD, FNAH, or HOSP major, NUTR-M students or CATEBS-FCSE students. (Typically offered: Fall and Spring)

HOSP 26303. Lodging Property Management. 3 Hours.
Examines the organization, duties and administration of the hotel. Includes: the rooms division, convention/meeting spaces, and general business operations. Pre- or Corequisite: HOSP 16003. (Typically offered: Fall and Spring)

HOSP 26403. Intro to Casino Management. 3 Hours.
This course provides an overview of casino operations including the economics of the casino and its interface with hotels and other organizations and the practices and problems associated with the casino management such as staffing, security, controls, taxation and entertainment. Prerequisite: HOSP 16003 and (Hospitality Management Bachelor of Science (HOSPBS) or Hospitality Management Minor (HOSP-M) or Event Management Minor (EVMG-M) students). (Typically offered: Spring)

HOSP 26503. Introduction to Hospitality Finance. 3 Hours.
Accounting principles, procedures and transactions used for the compilation of financial reports in hospitality industries. Prerequisite: HOSP 16003. (Typically offered: Fall and Spring)

HOSP 33001. Hospitality Pre-Internship. 1 Hour.
A study of job descriptions, responsibilities at the management level, structural operations, work procedures, job performance evaluations, job application, the resume and portfolio development in preparation for HOSP 46903 Hospitality Management Internship. Prerequisite: HOSP 16003, HOSP majors only, and junior standing. (Typically offered: Fall and Spring)

HOSP 36203. Introduction to Meetings and Events Management. 3 Hours.
Focuses on the planning and management of meetings and events in the hospitality industry. Includes developing event goals and objectives, site planning and management, event set up, risk management, food and beverage planning and management, budgeting, working with event services vendors, and marketing and promotion of events and meetings. Prerequisite: HOSP 16003, HOSP 26003, and (Hospitality majors (HOSPBS), Event Management Minor (EVMG-M) students or IDSTBA majors with EVMG track). (Typically offered: Fall)

HOSP 36503. Hospitality, Dietetic Management and Human Resources. 3 Hours.
Function and methods of management as related to the hospitality, nutrition and dietetic industries. Topics include: recruitment, placement, talent management, training and development, and compensation. Prerequisite: HOSP 16003 or NUTR 12001, and junior standing. (Typically offered: Fall, Spring and Summer)

HOSP 36703. Event Safety and Venue Management. 3 Hours.
This course will provide students with the information, skills, and tools necessary to help provide a safe environment, reduce liability, and guide individual and group behavior at events. Students will learn how to develop a risk management and safety plan for an event and/or venue, how to identify and plan to avoid potential problems, and how to implement safety and crowd management plans to ensure a safe event. The primary focus of the course will be on live event and venue safety planning. Prerequisite: HOSP 16003, HOSP 26003, HOSP 36203 and (Event Management Minor (EVMG-M) students or IDST major with EVMG track). (Typically offered: Spring)

HOSP 37103. Beverage Management. 3 Hours.
This course introduces students to the concepts of the beverage industry with an emphasis on management. Standards of hospitality operation are explored as well as a brief overview of the products of the alcohol industry: wine, beer, and spirits. Also included is an overview of non-alcoholic products such as coffee, tea, water, and carbonated beverages. History, cultural relationships, production methods, service and sanitation, and concepts of sales are examined. Prerequisite: HOSP 16003, HOSP 26003, and students must be Hospitality (HOSP) majors or EVMG-M; Student must be at least 21 years of age at start of term. (Typically offered: Fall)

HOSP 46002. Culture and Cuisines of the World Practicum. 2 Hours.
Development of service management skills for the hospitality industry through preparation and service of food, staffing, professionalism, recipe standardization, menu planning, cost control, sanitation, safety, and overall quality assurance. Instruction for planning food flow from receiving to service of meals, including choosing proper equipment for the flow plan and service items. Student must have a current Food Managers Certificate which is achieved upon successful completion of HOSP 26101. Laboratory 7 hrs per week. Pre- or Corequisite: HOSP 46033. Prerequisite: NUTR 12103, HOSP 26003, HOSP 26101, Junior standing, Hospitality Management Bachelor of Science in Human Environmental Science (HOSPBS) majors only, and instructor consent required. (Typically offered: Fall and Spring)

HOSP 46033. Culture and Cuisines of the World. 3 Hours.
Explores foods and food ways of various cultural/ethnic groups. Considers origin and migration of foods and customs throughout the world. Studies food's relationship to cultural groups, geographical location, social practices and economic well-being. Analyzes impact of multiple cultures on foods, food preparation, and food ways in the U.S. Students must have a current Food Managers Certification, which is achieved upon successful completion of HOSP 26101. Pre- or corequisite: HOSP 46002. Prerequisite: HOSP 16003, HOSP 26003, HOSP 26101, junior standing, HOSP majors only and instructor consent required. (Typically offered: Fall and Spring)

HOSP 46103. Festival Management and Analysis. 3 Hours.
This course provides students both knowledge and practical experiences of festival management and analysis. Lectures based on the selected textbook will systematically offer students the understanding of multiple aspects of a festival, such as alignment with the target attendees, connect to community and place, festival media platforms, and monitoring and evaluating festivals. Prerequisite: HOSP 16003, HOSP 26003, and HOSP 36203. (Typically offered: Fall)

HOSP 46403. Special Events Management. 3 Hours.
Hands-on study of special events. Planning activities include conception, planning, implementation, execution of the hospitality program's annual fundraising event and evaluation. The interaction between staff, customers, guests, vendors, and others necessary to implement a successful special event. Topics including marketing, public relations and volunteer coordination are implemented. Additional focus on catering through, hotels, restaurants, and private companies. Prerequisite: HOSP 16003, HOSP 26003, HOSP 36203 and HOSP majors only. (Typically offered: Spring)

HOSP 46503. Global Travel and Tourism Management. 3 Hours.
Course recounts the history of travel, explores the future, and discusses the components of tourism from a global perspective. An overview of tourism planning at the global level will be presented. A variety of planning theories, procedures and tourism guidelines to meet the diverse needs of travelers, destination communities, hospitality organizations, public, non-governmental organizations, and the private sector will be introduced in this class. Prerequisite: HOSP 16003, (HOSP 26303 or HOSP 26403), Junior Standing and (Hospitality Management major or minor students or IDST major with HOSP track). (Typically offered: Spring)

HOSP 46603. Hospitality Management Capstone. 3 Hours.
Integration of previous classroom, laboratory, and practical experiences through development of a comprehensive project. Additional focus on application of critical thinking, demonstration of leadership principles, interaction with industry professionals and development of an awareness of societal and ethical issues and their application to the hospitality industries. Prerequisite: Senior standing, HOSP majors or EVMG-M. Pre- or corequisite: HOSP 36503. (Typically offered: Spring)

HOSP 46703. Destination Marketing & Operations. 3 Hours.
This course is designed to provide students with a basic understanding of the tasks and processes involved in running a successful destination management organization (DMO). The course places heavy emphasis on destination marketing. Prerequisite: HOSP 16003 and junior standing. (Typically offered: Fall)

HOSP 46903. Hospitality Management Internship. 3 Hours.
Supervised experience in an instructor approved work/learning situation relating to the hospitality industry in multiple aspects of a hospitality organization. Emphasis on application of knowledge and skills to actual job roles and responsibilities related to a future career in the hospitality industry. Requires employment in a hospitality setting for a minimum of 250 clock hours that must be completed in the semester of enrollment. Prerequisite: HOSP 33001, HOSP 26101, HOSP 26303, HOSP 26503, HOSP 36203, HOSP 36503, Junior standing, restricted to HOSP students, 500 hours of documented work-related hospitality industry experience and instructor consent. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

Human Development and Family Sciences Courses

HDFS 14003. Life Span Development. 3 Hours.
A broad overview of the physical, psychological, and social development of the individual from conception until death. Emphasis is on individual development in a family context. Lecture 3 hours per week. (Typically offered: Fall, Spring and Summer)

HDFS 140H3. Honors Life Span Development. 3 Hours.
A broad overview of the physical, psychological, and social development of the individual from conception until death. Emphasis is on individual development in a family context. Lecture 3 hours per week. Prerequisite: Honors standing. (Typically offered: Spring)

HDFS 14203. Observation and Foundations for Teaching Young Children. 3 Hours.
Designed to acquaint students with the historical importance of early childhood education, the recognized standards for practice, the variety of program models, and career opportunities available. Emphasis will be placed on theories, evidence-based practice, ethics, diversity, and professional preparation for this knowledge-based, skill-driven field. Students will also obtain knowledge of state and federal laws pertaining to the care and education of young children. (Typically offered: Fall)

HDFS 24031. Infant and Toddler Development Laboratory. 1 Hour.
Introduction to infant and toddler development. Focus on observation and applied experience with children 0-3 documenting cognitive, emotional, language, physical, and social development, and demonstrating developmentally appropriate practice. Corequisite: HDFS 24033. Prerequisite: HDFS majors or BRKD majors or HDFS minors or CATEBS-FCSE majors or instructor consent. (Typically offered: Fall and Spring)

HDFS 24033. Infant and Toddler Development. 3 Hours.
Infant and toddler development from conception through toddlerhood with emphasis on physical, emotional, social, language, and cognitive domains. Theoretical and research-based information will be applied to developmentally appropriate practice. Historical and future perspectives will be explored as will the expanding opportunities for professional work with infants and toddlers. Observations in care centers will be assigned. Corequisite: HDFS 24031. Prerequisite: HDFS majors or BRKD majors or HDFS minors or CATEBS-FCSE majors or by instructor consent. (Typically offered: Fall and Spring)

HDFS 24103. Family Relations. 3 Hours.
Courtship, marriage, and parenthood in the United States, with attention to cultural and psychological factors which affect relations among family members. Lecture 3 hours per week. (Typically offered: Fall, Spring and Summer)

HDFS 241H3. Honors Family Relations. 3 Hours.
Courtship, marriage, and parenthood in the United States, with attention to cultural and psychological factors which affect relations among family members. Lecture 3 hours per week. Prerequisite: Honors standing. (Typically offered: Fall and Spring)

HDFS 24303. Child Development. 3 Hours.
Theory, research, and application in physical, cognitive, social, and emotional development of the child, studied in the biocultural context. Begins with prenatal development and continues through adolescence, with special emphasis on early and middle childhood. (Typically offered: Fall, Spring and Summer)

HDFS 243H3. Honors Child Development. 3 Hours.
Theory, research, and application in physical, cognitive, social, and emotional development of the child, studied in the biocultural context. Begins with prenatal development and continues through adolescence, with special emphasis on early and middle childhood. Prerequisite: Honors standing. (Typically offered: Fall)

HDFS 24603. Introduction to Leadership and Administration in the Helping Professions. 3 Hours.
The class is a basic introduction of leadership and emotional intelligence as it relates to becoming a successful administrator in the helping professions-based careers. Emphasis will be on administrators' roles as leaders in organizations. Topics include facilities, budget, staff development, and policy manuals. Prerequisite: Human Environmental Science (HESCBS) majors, Human Development & Family Science (HDFSBS) majors, Birth through Kindergarten (BRKDBS) majors, Human Development & Family Science (HDFS-M) minors, or departmental consent. (Typically offered: Fall)

HDFS 24701. Child Guidance Laboratory. 1 Hour.
Introduction to the guidance system. Focus on discipline techniques that are positive and age/stage appropriate for children ages 3-8. Corequisite: HDFS 24703. Prerequisite: HDFS 24303. (Typically offered: Fall and Spring)

HDFS 24703. Child Guidance. 3 Hours.
Introduction to the guidance system. Focus on discipline techniques that are positive and age/stage appropriate for children ages 3-8. Lecture 3 hours per week plus 1 hour demonstration. Corequisite: HDFS 24701. Prerequisite: HDFS 24303. (Typically offered: Fall and Spring)

HDFS 24803. Family Financial Management. 3 Hours.
Economic considerations of the family in a rapidly changing society. Family finance and consumer problems are emphasized. Prerequisite: HDFS 24103 or HDFS 241H3. (Typically offered: Fall and Spring)

HDFS 24903. Introduction to Cultural Competence. 3 Hours.
Basic introduction to definitions of intercultural competence, diversity, cultural values and beliefs, attitudes and verbal and non-verbal behavior, are examined to identify basic differences among individuals from diverse cultural backgrounds and across populations. (Typically offered: Fall, Spring and Summer)

HDFS 26003. Rural Families and Communities. 3 Hours.
Meaning of sociology and sociological concepts with reference to rural society, families and communities; interdependence of rural and urban population in ecological areas; institutions; social change and adjustment. (Typically offered: Fall, Spring and Summer)

HDFS 260H3. Honors Rural Families and Communities. 3 Hours.
Meaning of sociology and sociological concepts with reference to rural society, families and communities; interdependence of rural and urban population in ecological areas; institutions; social change and adjustment. Prerequisite: Honors standing. (Typically offered: Spring and Summer)

HDFS 33303. Language and Literacy Pedagogy for Birth through Kindergarten Educators. 3 Hours.
This course combines theory on emergent language and literacy development with research-based pedagogy for birth through kindergarten classrooms. Topics include: language and literacy development and exceptionalities, English Language Learners, environmental influences, best practice pedagogy, identifying language and literacy delays, and intervention strategies. This course includes a service learning component. Prerequisite: HDFS 24303, HDFS 24033 and HDFS 24031. (Typically offered: Fall)

HDFS 34203. Adolescent Development. 3 Hours.
This class explores research on biological, cognitive, social, and emotional development during adolescence (ages 10-17). Topics most relevant to teenagers, such as puberty and its consequences, family and peers, self and identity development, romantic and sexual development, and psychosocial adjustment will be covered. Prerequisite: HDFS 14003 and major in HDFS, BRKD, or CATEBS-FCSE; or HDFS minor, or IDST with HDFS track. (Typically offered: Fall and Spring)

HDFS 342H3. Honors Adolescent Development. 3 Hours.
This class explores research on biological, cognitive, social, and emotional development during adolescence (ages 10-17). Topics most relevant to teenagers, such as puberty and its consequences, family and peers, self and identity development, romantic and sexual development, and psychosocial adjustment will be covered. Prerequisite: Honors standing, HDFS 14003, and major in HDFS, BRKD, or CATEBS-FCSE; or HDFS minor. (Typically offered: Spring)

HDFS 34403. Families in Crisis. 3 Hours.
An interdisciplinary perspective on internal and external crises faced by contemporary families, including substance abuse, natural disasters and other crisis events. Students will explore the family processes during such experiences and develop strategies for stress management, coping, and recovery. Lecture 3 hours per week. Prerequisite: (HDFS 24103 or HDFS 241H3), and major in HDFS, BRKD, or CATEBS-FCSE; or HDFS minor, or IDST with HDFS track. (Typically offered: Fall and Spring)

HDFS 344H3. Honors Families in Crisis. 3 Hours.
An interdisciplinary perspective on internal and external crises faced by contemporary families, including substance abuse, natural disasters and other crisis events. Students will explore the family processes during such experiences and develop strategies for stress management, coping, and recovery. Lecture 3 hours per week. Prerequisite: Honors standing and HDFS 24103 or HDFS 241H3. (Typically offered: Spring)

HDFS 34503. Parenting and Family Dynamics. 3 Hours.
Focus is on influence of parenting and family dynamics on individual development, especially factors in family life which contribute to normal psychological development. Topics include family values, the psychology of sex and pregnancy, the transition to parenthood, childbearing techniques, family influences on cognitive and social development, and changes in family relationships during the life cycle. Prerequisite: (HDFS 14003 or HDFS 24103); or majors in HDFS, BRKD, or CATEBS-FCSE, or HDFS minor or IDST major with HDFS track. (Typically offered: Fall and Spring)

HDFS 34603. The Hospitalized Child: Child Life Programming. 3 Hours.
Introduces child life programming in health care settings. Topics include: roles and expectations of a Child Life Specialist, importance of play, coping techniques, family advocacy, administration and professionalism. Lecture 3 hours per week. Prerequisite: (HDFS 24303 or HDFS 243H3), and (HDFS or BRKD majors or CDSV minors or IDST majors with CDSV or HDFS track). (Typically offered: Fall and Spring)

HDFS 34801. Pre-Internship in Human Development and Family Sciences. 1 Hour.
This course prepares students for their internship experience (HDFS 44803) in Human Development and Family Sciences. Topics covered include professional and ethical behavior when working with people, families and communities. The course will also cover professional and career development topics. By the end of the course, students are expected to have secured an internship position suitable for HDFS 44803. Students should enroll in this course no earlier than the semester before they anticipate enrolling in HDFS 44803. Prerequisite: Junior standing and HDFS majors only. (Typically offered: Fall and Spring)

HDFS 42102. Math and Science for Young Children Lab. 2 Hours.
Students will plan curriculum for young children ages 0-5 in the areas of math and science. Emphasis will be placed on theories of learning, developmentally appropriate practice (DAP), professionalism, philosophy, and ethical conduct. Students will interact with young children and facilitate learning and assessment experiences in a program for young children. Corequisite: HDFS 42103. (Typically offered: Fall)

HDFS 42103. Math and Science for Young Children. 3 Hours.
Students will plan curriculum for young children ages 0-5 in the areas of math and science. Emphasis will be placed on theories of learning, developmentally appropriate practice (DAP), professionalism, philosophy, and ethical conduct. Students will design lesson plans for young children and will learn about effective implementation of curriculum. Corequisite: HDFS 42102. Prerequisite: HDFS 24703 and HDFS 24701. (Typically offered: Fall)

HDFS 42202. Creative and Social Experiences for Young Children Lab. 2 Hours.
Students will plan curriculum for young children ages 0-5 in the areas of the arts and social emotional learning. Emphasis will be placed on theories of learning, developmentally appropriate practice (DAP), professionalism, philosophy, and ethical conduct. Students will interact with young children and facilitate learning and assessment experiences in a program for young children. Corequisite: HDFS 42203. Prerequisite: HDFS 24703 and HDFS 24701. (Typically offered: Spring)

HDFS 42203. Creative and Social Experience for Young Children. 3 Hours.
Students will plan curriculum for young children ages 0-5 in the areas of the arts and social emotional learning. Emphasis will be placed on theories of learning, developmentally appropriate practice (DAP), professionalism, philosophy, and ethical conduct. Students will design lesson plans for young children and will learn about effective implementation of curriculum. Corequisite: HDFS 42202. Prerequisite: HDFS 24703 and HDFS 24701. (Typically offered: Spring)

HDFS 42303. Developmental Assessment in Early Childhood. 3 Hours.
Students will learn about developmentally appropriate observation, assessment, and documentation techniques and how to use these in high quality early childhood classrooms. Advantages and limitations of various assessment techniques, considerations used when interpreting findings, and the and making referrals will be discussed. Additional emphasis will be on anti-biased and culturally competent assessment, giving students methods to recognize and support learning and development in all young children. (Typically offered: Fall)

HDFS 43103. Building Family and Community Relationships. 3 Hours.
This course will help students interested in early childhood to value the role parents play in schools and the role schools play in a community. Various models of parent involvement will be explored. Students will plan a school-community collaborative which values diverse cultures. Prerequisite: (HDFS 24103 or HDFS 241H3 or HDFS 26003 or HDFS 260H3) and (HDFS or BRKD majors or CDSV minor or IDST majors with HDFS or CDSV track). (Typically offered: Spring)

HDFS 43503. Play as Development in Childhood. 3 Hours.
This course will examine the contribution of play to cognitive, social, and emotional development of children. It will provide an overview of play theories and practices in indoor and outdoor settings, with an emphasis on nature-based learning and diversity and inclusion. Prerequisite: HDFS 24303, junior standing, (HDFS or BRKD major or CDSV minor or IDST majors with HDFS or CDSV track), and at least 3 credit hours in 3000 level or above HDFS courses. (Typically offered: Fall and Spring)

HDFS 43603. Play as Development in Adulthood. 3 Hours.
This course will examine play as it pertains to development throughout life with a particular focus on adulthood. The modes of adult play will be examined, along with the benefits of play across adulthood. Emphasis will be on play, not as opposition to work, but as a part of a full life. Prerequisite: HDFS 14003. (Typically offered: Fall and Spring)

HDFS 43703. Internship: Infant, Toddler, and Preschool Programs. 3 Hours.
This course provides the student with interactive and observational experiences with young children in community-based early childhood programs. Some on-campus meetings will be required. Prerequisite: HDFS 42103, HDFS 42102, HDFS 42203, and HDFS 42202. (Typically offered: Spring)

HDFS 43803. Internship: Kindergarten Programs. 3 Hours.
This course provides the student with interactive and observational experiences with young children in community-based kindergarten programs. Some on-campus meetings will be required. Prerequisite: HDFS 42103, HDFS 42102, HDFS 42203, and HDFS 42202. (Typically offered: Spring)

HDFS 44103. Infancy: Brain, Learning and Social Cognition. 3 Hours.
Investigation into how brain mechanisms interact with experience to provide the basis for learning and social cognition. Topics include face perception, motor cognition, imitation, joint attention and shared experience, empathy and altruism, theory of mind, social and moral cognition, language, memory, number, geometry and navigation, object representation, and executive function. Prerequisite: (HDFS 24303 or HDFS 243H3), and HDFS or BRKD majors or IDST majors with HDFS track. (Typically offered: Fall and Spring)

HDFS 441H3. Honors Infancy: Brain, Learning and Social Cognition. 3 Hours.
Investigation into how brain mechanisms interact with experience to provide the basis for learning and social cognition. Topics include face perception, motor cognition, imitation, joint attention and shared experience, empathy and altruism, theory of mind, social and moral cognition, language, memory, number, geometry and navigation, object representation, and executive function. Prerequisite: Honors standing, (HDFS 24303 or HDFS 243H3), and (HDFS or BRKD majors or IDST majors with HDFS track). (Typically offered: Spring)

HDFS 44203. Adult Development. 3 Hours.
This course examines the social, psychological, and biological development that occurs throughout adulthood, with an emphasis on middle and later adulthood. Taking a life course perspective, this course particularly focuses on life course trajectories and variabilities across cultural contexts. Prerequisite: HDFS 14003, Junior Standing, HDFS majors or IDST majors with HDFS track and at least 6 credit hours from 20000 level or above HDFS courses. (Typically offered: Fall and Spring)

HDFS 44703. Multicultural Families. 3 Hours.
The course provides students with opportunities to gain awareness of their own cultures and families, reflect on families from a diverse array of cultures, and develop critical thinking skills needed to effectively engage with people and families from cultures different than their own. Prerequisite: HDFS 24903, Junior or Senior standing, and HDFS majors or IDST majors with HDFS track. (Typically offered: Fall and Spring)

HDFS 44803. Internship in Human Development and Family Studies. 3 Hours.
The internship experience provides practical experience for students in settings that are designed to serve the needs of individuals and/or families across the life span. Students must work a minimum of 150 hours in the setting. May be repeated for up to 6 hours of degree credit. Prerequisite: Grade of B or higher in HDFS 34801, junior standing, and instructor consent. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

HDFS 44903. Public Policy Advocacy for Children and Families. 3 Hours.
Public policy advocacy as related to children and family issues. Strategies for advocacy will be emphasized. Lecture three hours per week. Prerequisite: Junior standing and (HDFS majors or IDST majors with HDFS track). (Typically offered: Fall and Spring)

HDFS 449H3. Honors Public Policy Advocacy for Children and Families. 3 Hours.
Public policy advocacy as related to children and family issues. Strategies for advocacy will be emphasized. Lecture three hours per week. Prerequisite: Honors and Junior standing, and (HDFS major or IDST major with HDFS track). (Typically offered: Spring)

HDFS 47603. Research in HDFS: Methodological Approaches. 3 Hours.
This class introduces the methodology of HDFS and other social sciences in the social world. It covers research design, sampling, measurement, and other topics that underlie the social science conclusions presented to you in other classes.
The class begins with an introduction to the goals of social science research, then focuses on the understanding of the 3 validities with which social scientists, and consumer of social science, must concern themselves: Internal, Measurement, and External. Each of these three validities is used as the focus of a course section. The class concludes with a fourth section that integrates these topics and other social science methods. Prerequisite: HDFS major and Junior Standing. (Typically offered: Fall and Spring)

HDFS 47703. Research in HDFS: Statistical Approaches. 3 Hours.
This course is an introduction to analytical approaches to research in human development and family sciences and will examine the principles and practices underlying the development of knowledge in the field. Emphases in this course will be on conducting and evaluating data analyses relevant to human environmental sciences majors. Students will become critical consumers of data and develop basic skills to analyze and interpret their own data. Prerequisite: HDFS 47603, MATH 21003, and HDFS major. (Typically offered: Fall and Spring)

Human Environmental Sciences Courses

HESC 2550V. Special Topics. 1-6 Hour.
Topics not covered in other courses or a more intensive study of specific topics in the specializations of human environmental sciences. (Typically offered: Irregular) May be repeated for degree credit.

HESC 4000V. Special Problems. 1-6 Hour.
Special problems. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

HESC 4550V. Special Topics. 1-6 Hour.
Topics not covered in other courses, a focused study of specific topics in the students' areas of concentration. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

HESC 455HV. Honors Special Topics. 1-6 Hour.
Topics not covered in other courses, a focused study of specific topics in the students' areas of concentration. Prerequisite: Honors standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.
This course is equivalent to HESC 4550V.

Nutrition Courses

NUTR 12001. Introduction to the Dietetic Profession. 1 Hour.
Introduction to profession of dietetics and nutrition including history, scope and future of professionals with emphasis on academic preparation, internships, acquisition of professional credentials, career laddering and career opportunities. Guest speakers will supplement lectures and assignments. Prerequisite: HNAD or FNAH majors only or by department consent. (Typically offered: Fall and Spring)

NUTR 12103. Fundamentals of Nutrition. 3 Hours.
The functions of food, body processes, optimum diets in relation to health and physical fitness. (Typically offered: Fall and Spring)

NUTR 21101. Principles of Foods Laboratory. 1 Hour.
Laboratory exercises and practice applicable of Principles of Foods. Lab 3 hours. Corequisite: NUTR 21103. (Typically offered: Fall and Spring)

NUTR 21103. Principles of Foods. 3 Hours.
Physical and chemical characteristics of foods, organized by food science and nutrition, protein foods, phytochemicals, complex and refined carbohydrates, and fats. Emphasis on food preparation and storage methods and effect on foods. Investigation and practice of food preparation basics, cooking and baking techniques, knife skills, food safety, and sensory evaluation of food. Corequisite: NUTR 21101. Prerequisite: NUTR 12103, a C or higher in HOSP 26101, (CHEM 12103, or CHEM 14103, or CHEM 12073), one of the following programs, minors or concentrations: (HNADBS, FNAHBS, HESCBS, NUTR-M, or CATEBS-FCSE) and students must also have a current ServSafe Manager's Certification. (Typically offered: Fall and Spring)

NUTR 22003. Sports Nutrition. 3 Hours.
The integration of concepts from nutrition and exercise physiology into an applied multidisciplinary study of how food, beverages and dietary supplements influence physical performance. Prerequisite: NUTR 12103. (Typically offered: Summer)

NUTR 31041. Culinary Nutrition Lab. 1 Hour.
Students will explore ways to apply evidence based nutrition research to culinary application. It addresses the fundamental culinary skills and knowledge required to prepare meals that impact the nutritional and sensory appeal of food. Corequisite: NUTR 31043. Prerequisite: NUTR 21103 and NUTR 21101. (Typically offered: Fall)

NUTR 31043. Culinary Nutrition. 3 Hours.
This course is grounded in a food first approach to health and wellness with an emphasis on disease prevention. Students will study the physical and chemical characteristics of foods that increase nutritional value and will include exploration of the culinary nutrition modification process and application of these concepts to planning nutritionally balanced meals. Corequisite: NUTR 31041. Prerequisite: NUTR 21103 and NUTR 21101. (Typically offered: Fall)

NUTR 32003. Human Nutrition. 3 Hours.
Fundamental human nutrition; nutritive value of foods and general functions of nutrients based on concepts derived from inorganic and organic chemistry. Examples relating nutrition to disease used as illustrations to deepen understanding of normal nutrition. Lecture 3 hours per week. Corequisite: CHEM 26103 and CHEM 26101 or CHEM 36053 and CHEM 36051. Prerequisite: NUTR 12103. (Typically offered: Fall)

NUTR 32103. Nutrition Education and Counseling. 3 Hours.
Introduction to development of communication skills related to educational theory and techniques, development of educational materials, interpersonal communication skills, group dynamics, public speaking, and interviewing techniques. Includes discussion of counseling theory and methods, and how education and counseling are intertwined for nutrition professionals. Includes development of skills in nutrition counseling. Prerequisite: NUTR 12103, HNAD or FNAH majors only, and Junior or Senior standing. (Typically offered: Fall)

NUTR 33003. Nutrition Assessment. 3 Hours.
Principles of nutritional assessment and methodology including anthropometric, biochemical, clinical, and dietary evaluation. Emphasis placed on Nutrition Focused Physical Assessment, the interpretation of indices for all age groups in health and disease for both individuals and groups, and the application of nutrition assessment data in the nutrition care process. Prerequisite: NUTR 32003, junior standing and HNAD/FNAH majors only. (Typically offered: Spring)

NUTR 36003. Quantity Foods. 3 Hours.
This course focuses on menu planning for a variety of food service organizations, with consideration of age, special needs, diet type, cultural and ethical parameters. Students will design flavorful and appealing menus that meet current nutrition recommendations, guidelines and budgetary constraints. They will learn recipe standardization, quantity production, and overall quality control. Prerequisite: NUTR 12103, HOSP 26003, junior standing and Human Nutrition and Dietetics Bachelor of Science (HNADBS) or Food, Nutrition and Health Bachelor of Science (FNAHBS) majors only. (Typically offered: Spring)

NUTR 40001. Nutrition Seminar. 1 Hour.
Presentation and discussion of selected nutrition topics of current interest. Prerequisite: Senior standing and HNAD or FNAH majors only. (Typically offered: Spring) May be repeated for up to 2 hours of degree credit.

NUTR 41003. Research Methods in Nutrition. 3 Hours.
This course will cover applications of experimental methods for investigations in nutrition research and cookery. Pre- or Corequisite: MATH 21003. Prerequisite: Major in either Human Nutrition and Dietetics (HNAD), or Food, Nutrition and Health (FNAH) and senior standing only. (Typically offered: Spring)

NUTR 42103. Advanced Nutrition I. 3 Hours.
This course will cover nutritional, physiological, and biochemical aspects of carbohydrate, protein, and lipid metabolism in humans and their implications in health and disease. Prerequisite: CHEM 38103 and NUTR 32003. (Typically offered: Fall)

NUTR 42203. Life Cycle Nutrition. 3 Hours.
Study of normal nutrition emphasizing quantitative needs for nutrients as functions of biologic processes that vary during stages of the life cycle. Attention is given to preconception, pregnancy, childhood and older adults. Prerequisite: (HNAD majors and NUTR 32003) or (FNAH majors and junior standing) or (Nutrition minors and junior standing) only. (Typically offered: Fall)

NUTR 42303. Advanced Nutrition II. 3 Hours.
This course will cover nutritional, physiological, and biochemical aspects of vitamins and minerals in humans, their functions and roles in metabolism, and their implications in health and disease. Prerequisite: NUTR 42103. (Typically offered: Spring)

NUTR 42403. Community Nutrition. 3 Hours.
Identifying, assessing, and developing solutions for nutritional problems encountered at the local, state, federal, and international levels. Lecture 3 hours per week. Prerequisite: NUTR 12103, junior standing, and Food, Nutrition and Health Bachelor of Science in Human Environmental Science (FNAHBS) or Human Nutrition and Dietetic Bachelor of Science in Human Environmental Science (HNADBS) majors or Nutrition minors only. (Typically offered: Spring)

NUTR 42603. Medical Nutrition Therapy I. 3 Hours.
Principles of medical nutrition therapy with emphasis on the Nutrition Care Process, and the pathophysiology and current standards of practice for diseases and disorders. Pre- or corequisite: NUTR 32103 and NUTR 42103. Prerequisite: BIOL 24103, BIOL 24101, CHEM 38103 and NUTR 33003. (Typically offered: Fall)

NUTR 42703. Medical Nutrition Therapy II. 3 Hours.
Principles of medical nutrition therapy with emphasis on the Nutrition Care Process, and the pathophysiology and current standards of practice for diseases and disorders. Lecture 3 hours per week. Prerequisite: NUTR 42603. (Typically offered: Spring)

NUTR 43003. Cultural Perspectives on Foods. 3 Hours.
Cultural competence is growing in importance as our population becomes more culturally diverse. This course covers cuisine and culture of various regions for the purpose of promoting respect and understanding for cultural diversity. Students will learn the history of foods, ingredients, flavor profiles, religious based food practices, etiquette, and customs. Corequisite: Junior or senior standing, and (Human Nutrition and Dietetics majors (HNADBS) or Food, Nutrition and Health majors (FNAHBS) or Hospitality Management (HOSPBS) majors). (Typically offered: Fall)

NUTR 44031. Recipe Modification Lab. 1 Hour.
Students will use existing research to identify foods with preventative and functional properties and apply that information to develop recipes for improved nutritional quality and disease management. They will gather data to modify and refine the products and create an educational tool to promote their products. Corequisite: NUTR 44033. (Typically offered: Spring)

NUTR 44033. Recipe Modification. 3 Hours.
Students will use existing research to identify foods with preventative and functional properties and apply that information to develop recipes for improved nutritional quality and disease management. They will gather data to modify and refine the product and create an educational tool to promote their product. Corequisite: NUTR 44031. Prerequisite: NUTR 21103 and NUTR 21101. (Typically offered: Spring)