

DEPARTMENT OF HUMAN SCIENCES

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Contact Information:

Human Sciences (<https://www.shsu.edu/academics/health-sciences/human-sciences/>)
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 Huntsville, TX 77341-2177

Website: Department of Human Sciences (<https://www.shsu.edu/academics/health-sciences/human-sciences/>)

Mission

The mission of the Department of Human Sciences is to prepare future professionals with the knowledge and skills to positively impact individuals, families, and communities.

Highlights

- Food Science and Nutrition Program accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics
- Dietetic Internship Program available for qualified FSN graduates (leads to RDN credential)
- Interior Design Program accredited by the Council for Interior Design Accreditation (CIDA) and the National Association of Schools of Art and Design (NASAD)
- Kappa Omicron Nu Honor Society for Human Sciences (Kappa Alpha Phi Chapter)

Suggested Minors

The majority of degree programs in the Department of Human Sciences **do not** require a minor. However, a minor may be elected for any program, in keeping with student career goals. Students graduating with a degree in the DPD program (Food Science and Nutrition) have minored in Chemistry, Mass Communication, Psychology, and other areas. Interior Design majors often minor in Construction Management or General Business Administration. Students majoring in Fashion Merchandising are **required** to have a minor in either General Business Administration, Management, or Finance. Students majoring in Food Service Management are **required** to have a minor in General Business Administration or Management.

Career Opportunities

For the following program areas, employment opportunities include, but are not limited to, the following career options:

- Fashion Merchandising
 - fashion brand management
 - retail buying
 - retail planning and allocation
 - retail management
 - visual merchandising
 - fashion marketing
 - social media strategy and marketing
 - wholesale representative
 - showroom management
 - apparel supply chain and logistics
 - trend forecasting
 - fashion brand promotion and special events
- Food Science and Nutrition
 - Registered Dietitian (with required post-graduate internship)
 - clinical settings
 - wellness coach/programs
 - community organizations
 - administrative positions
 - public health agencies
 - corporate in food manufacturing, food distribution, other
 - spokesperson for food councils (wheat, rice, beef, etc.)

- non-profit community nutrition programs (USDA, WIC)
- food service/nutrition director for hospitals, schools
- nutritional consultant to sports teams, gyms, corporate executives, food companies, cruise lines, spas
- food scientist
- sports nutritionist
- food stylist
- Food Service Management
 - restaurant manager
 - food service director
 - lodging manager
 - food and beverage manager
 - catering and banquet entrepreneur
- Interior Design
 - Registered Interior Designer (with the passing of a professional licensure exam, NCIDQ, and state registration)
 - residential designer
 - commercial designer
 - restaurant designer
 - office designer
 - retail designer
 - space planner
 - CAD/Revit manager
 - architecture and design (A&D) sales representative

Students have multiple opportunities to learn about careers associated with their degree programs, including Saturdays@Sam (one each fall and spring semester), SAM Center advising, advising within SHSU Career Services, the department, career fairs sponsored by the Career Success Center, and guest speakers and field trips sponsored through classes and pre-professional student organizations.

Upon completion of a bachelor's degree, qualified students may choose to apply for admission to one of the Graduate programs in Human Sciences. Refer to the Graduate Catalog (<http://www.shsu.edu/home/catalog.html>) for more details.

Program Specific Requirements

Most degree programs within the Department of Human Sciences require completion of FACS 4369. Students have multiple opportunities to learn about degree requirements through the admission and advising process, including Saturdays@Sam (one each fall and spring semester), SAM Center advising, advising within the department, and advising through career fairs sponsored by Career Services at SHSU.

- Bachelor of Arts, Major in Food Service Management (<http://catalog.shsu.edu/archives/2022-2023/undergraduate/colleges-academic-departments/health-sciences/human-sciences/ba-food-service-management/>)
- Bachelor of Arts, Major in Interior Design (<http://catalog.shsu.edu/archives/2022-2023/undergraduate/colleges-academic-departments/health-sciences/human-sciences/ba-interior-design/>)
- Bachelor of Science, Major in Fashion Merchandising (<http://catalog.shsu.edu/archives/2022-2023/undergraduate/colleges-academic-departments/health-sciences/human-sciences/bs-fashion-merchandising/>)
- Bachelor of Science, Major in Food Science and Nutrition (<http://catalog.shsu.edu/archives/2022-2023/undergraduate/colleges-academic-departments/health-sciences/human-sciences/bs-food-science-nutrition/>)
- Bachelor of Science, Major in Food Service Management (<http://catalog.shsu.edu/archives/2022-2023/undergraduate/colleges-academic-departments/health-sciences/human-sciences/bs-food-service-management/>)
- Bachelor of Science, Major in Interior Design (<http://catalog.shsu.edu/archives/2022-2023/undergraduate/colleges-academic-departments/health-sciences/human-sciences/bs-interior-design/>)
- Minor in Interior Design (<http://catalog.shsu.edu/archives/2022-2023/undergraduate/colleges-academic-departments/health-sciences/human-sciences/minor-interior-design/>)

Student Organizations

- American Society of Interior Designers-ASID (student chapter)
- Fashion Merchandising Club

- International Interior Design Association-IIDA (student chapter)
- Kappa Omicron Nu, Kappa Alpha Phi Chapter (honor society for Human Sciences)
- Sam Houston Student Dietetic Association
- Internships and Study Abroad

All students who complete programs in Fashion Merchandising, Food Service Management, and Interior Design must complete a supervised internship (FACS 4369) of at least 200 supervised clock hours as a requirement for graduation. Students are given leads for securing internship opportunities, but part of the internship experience is the securing of a suitable position.

Students majoring in Food Science and Nutrition are required to complete a number of shadowing hours in several junior- and senior-level courses to complete knowledge requirements of The Academy of Nutrition and Dietetics (i.e., FACS 3445, FACS 4360, and FACS 4361).

Scholarships

Competitive scholarships and awards are given annually to full-time students of at least junior standing majoring in one of the program areas in Human Sciences. **(Award recipients must be enrolled at Sam Houston State University for a minimum of one semester as a full-time student, must have completed 12 hours in Human Sciences, and must be following the curriculum of a program major within the Department of Human Sciences with full-time student status.)**

- Drs. Robert (Bob) and Mary Barnes Harris Endowed Scholarship
- Elmadel Driscoll Robinson Home Economics Endowed Scholarship
- Family and Consumer Sciences Memorial Endowed Scholarship
- Fray Stallings Wells Endowed Scholarship
- Keener Family Scholarship in Family and Consumer Sciences
- Lynch Family Endowed Scholarship
- Lena Campbell Mathis Endowed Scholarship
- Mattie Bea Prather Medford Family and Consumer Sciences Endowed Scholarship
- Rachel Mary Prather Allen Family and Consumer Sciences Endowed Scholarship
- Wiley G. and Marian Boyd McDonald Endowed Scholarship

Many other scholarship opportunities are available, including those based on academic record of the incoming student. Many organizations at the national, state, and local level, including professional organizations and corporations, offer scholarships for specific majors within the department. Students should check specific criteria required by these organizations. Brochures and information concerning the department and scholarships may be obtained by writing:

Department of Human Sciences
Box 2177
Sam Houston State University
Huntsville, Texas 77341-2177

or e-mail your request to Human Sciences (humansciences@shsu.edu). Website: Department of Human Sciences (<https://www.shsu.edu/academics/health-sciences/human-sciences/>)

FACS 1331. Intro To Hospitality Industry. 3 Hours.

An overview of the hospitality industry, this course includes restaurants, hotels and resorts. Includes historical perspective, analysis of the industry in terms of professional opportunities and the future outlook for the industry. (3-0). Offered fall semesters.

FACS 1332. Introduction to Fashion Merchandising. 3 Hours.

Students examine the history, characteristics, and global interrelationships of all segments of the fashion industry; and identify how fashion is conceived, marketed, and sold. Students learn and demonstrate knowledge of the evolving nature of the fashion business as they relate to the four levels of the fashion industry which include the Primary, Secondary, Retail, and Auxiliary Levels of Merchandising. Students are also introduced to fashion related terminology, resources, processes, practices, industry participants, and career opportunities.

FACS 1360. Basic Principles of Design. 3 Hours. [TCCN: ARTS 1311]

Specific attention is given to fundamental art elements and principles of design as they function in the lives of individuals and their environments. Opportunities are provided for a variety of experiences with art media through lecture-demonstrations. Practical application in two-dimensional and three-dimensional projects is made through laboratory experiences. (2-2).

FACS 1367. Basic Nutrition. 3 Hours.

Basic principles of nutrition for personal health and wellness. Current concepts in diet adequacy and nutritional needs of individuals is stressed. The influence on healthy diet practices and their relationship to health promotion and disease prevention is the focus. Diet quality and the impact of food choices are explored.

FACS 1369. Introduction To Textiles. 3 Hours.

This course provides an introduction to fiber science and technological advances in the manufacture of textile products. It focuses on the complex interrelationships of fibers, yarns, fabrics, finishes, and coloring processes. Offered spring semesters.

FACS 1441. Food Preparation And Selection. 4 Hours. [TCCN: AGRI 1329]

Scientific principles in the preparation of selected basic food products are applied. Consideration is given to the composition and properties of food, methods of preparation and processing to retain nutrients, standards for desirable products, simple meal service, and food economics. Practical application is made through laboratory experiences. (3-2).

FACS 2078. Special Topics in FCS. 1-3 Hours.

On-line instruction provides opportunities for students to take lower-level courses through the Family and Consumer Sciences Distance Education Alliance (open to FCS teacher certification majors only). Registration is permitted only with departmental approval. Course may be repeated for credit. Variable Credit (1-3).

Prerequisite: Permission of instructor.

FACS 2333. Fashion Merchandising Technology. 3 Hours.

Students explore fashion merchandising and design-related software and technologies used in the fashion and retailing industries. Students are introduced to the computer as a creative tool to upgrade and maintain their skills with the current industry standards. The latest software is taught with an emphasis on fashion industry applications.

Prerequisite: FACS 1332.

FACS 2361. History of Furnishings I. 3 Hours. [TCCN: ARCH 1301]

A study of history of interior furniture, furnishings, and architecture from the Egyptian period to the Renaissance. Emphasis is given to the social, economic, and political conditions that influenced furniture, interiors, and architectural design. (3-0). Offered spring semesters.

FACS 2362. Nutrition. 3 Hours. [TCCN: HEOC 1322]

Study is made of the fundamental concepts of nutrition. The various nutrients, their sources, metabolism, physiology and interrelationships are emphasized. Healthy eating guidelines for health promotion and disease prevention and requirements for different stages of growth and development for individuals and populations are studied. (3-0). Meets requirement for pre-nursing curriculum. Will allow enrollment of transfer and major change students while maintaining science pre-requisite.

Prerequisite: 3 hours completed in BIOL or CHEM.

FACS 2364. Design Theory and Materials. 3 Hours.

A theoretical analysis of design is merged with understanding of interior materials and products which meet human needs. Assessment of quality and performance criteria is emphasized, along with the design process. (3-0). Offered fall semesters. Co-requisites: FACS 2386 and FACS 2387.

FACS 2365. Digital Drawing for ID. 3 Hours. [TCCN: ARCH 1315]

This course addresses computer graphics for interior designers. It will focus on the implementation of computer-aided design processes and drafting techniques to produce construction and presentation drawings. Students will explore various digital drafting techniques to develop 2-dimensional and 3-dimensional drawings. Offered spring semesters.

Prerequisite: Grade of C or better in FACS 2364 and FACS 2387.

FACS 2366. Fashion in Society. 3 Hours.

Basic fashion theory is studied along with theories of dress and adornment from both psychological and sociological perspectives. The course also examines the individual's attitudes toward and perceptions of personal dress and the appearance of others. Offered fall semesters.

FACS 2368. Consumer Education. 3 Hours. [TCCN: COMM 2300]

This study of consumer goods and services includes the study of rational consumer decisions in an electronic economy, major consumption expenditures, budget management, risk management, financial management, quality assessment, marketing, and consumer legislation. (3-0).

FACS 2375. Fashion Promotion. 3 Hours.

Promotion principles are applied to the merchandising of fashion goods through special events, displays of merchandise, and advertising and personal selling. Offered spring semesters.

Prerequisite: FACS 1332.

FACS 2386. Space Planning Fundamentals. 3 Hours.

This course provides the student with an introduction to complex process of planning residential and small commercial spaces for interior design. As part of the design process, space planning begins with a programmatic investigation of human needs, desired spatial quality, and building parameters. Students will explore space planning variations applied to a variety of interior spaces, stressing the importance of changing needs in design development and problem solving. Influencing factors such as the human element, barrier-free design and building systems are included. Offered spring semesters. Co-requisites: FACS 2364 and FACS 2387.

Prerequisite: FACS 1360.

FACS 2387. Architectural Graphics For Int. 3 Hours. [TCCN: ARCH 1307]

The course focuses on the development of two-dimensional graphic representations of architectural design. Practical application is achieved through development of drafting skills and representational sketching. (2-2). Co-requisites: FACS 2364 and FACS 2386. Offered spring semesters.

Prerequisite: MATH 1332 or MATH 1314 or MATH 1324 or MATH 1369 or STAT 1369.

FACS 2388. Building Systems For Interiors. 3 Hours. [TCCN: ARCH 2312]

This course focuses on helping students to develop an understanding of building systems as they apply to interior design. Student understanding of systems is communicated in drawing of construction, electrical, mechanical, ceiling and floor systems as part of design solutions. (2-2). Offered spring semesters.

Prerequisite: FACS 2387 with a grade of C or better.

FACS 2441. Meal Management In Hospitality. 4 Hours.

This course includes choice, purchase, preparation and service of meals in hospitality settings. Through laboratory experiences emphasis is given to table settings and appointments, various forms of meal service and special occasion functions. The importance of acceptable social procedures and aesthetic values related to the above activities are stressed. (3-2). Offered spring semesters.

FACS 3325. Digital Fashion Retailing. 3 Hours.

Students employ the principles of omni-channel retailing through the development and management of layered, digitally connected, and coordinated shopping experiences. Settings include retail channels such as brick and mortar, catalog, e-commerce, and mobile with a focus on the customer experience. Students also identify effective interactive marketing strategies, including social media and search engine optimization as they design integrated marketing strategies across various digital platforms. Offered in summer only.

Prerequisite: FACS 1332 and FACS 2333.

FACS 3329. Nutrition through the Lifespan. 3 Hours.

Students in this course focus on nutrient needs throughout the lifespan and the physiological basis for these needs. Instruction focuses on the interrelationships of diet, nutrition, body composition, emotional development, behavior, and aging. Factors related to the development of food behaviors at various life stages and current research trends focused on lifespan nutrition issues are explored. Offered fall semesters.

Prerequisite: FACS 2362 with a C or better and 45 credit hours.

FACS 3332. Lighting Applicans Interiors. 3 Hours.

This course provides basic principles of light and color, measurement and control of light as applied to human needs in both residential and commercial interiors. Environmental systems for day lighting and solar design are studied. (3-0). Offered fall semesters.

Prerequisite: FACS 2364, FACS 2387 and FACS 2388 with a grade of C or better.

FACS 3334. Lodging Operations. 3 Hours.

A study is made of principles involving basic operations of hospitality facilities including guest expectations, management of services, budget control, personnel management and security. (3-0). Offered spring semesters.

Prerequisite: FACS 1331.

FACS 3335. Event Administration. 3 Hours.

This course prepares students to attain the operational skills involved in event administration. The course focuses on social and corporate events, target markets and market segments, budgeting and forecasting, theme and proposal writing, and logistics and planning for on- and off-premise events. The course also examines the benefits of networking, promoting sales and marketing, and the importance of human resource issues in event administration.

Prerequisite: Junior Standing.

FACS 3337. Design Process. 3 Hours.

The student in this course will implement the design process in residential and commercial spaces through drawings and model construction techniques. Students will explore various rendering media and develop three-dimensional drawings along with volumetric study of spaces (1-4). Offered spring semesters.

Prerequisite: Grade of C or better in FACS 3332, FACS 3338, and FACS 3377.

FACS 3338. Residential Design. 3 Hours.

The student will apply the design process to residential spaces. It will include development of schematic and technical drawings, material selection, perspective representations of space, and specifications. (1-4). Offered fall semesters.

Prerequisite: Grade of C or better in ARTS 1316, FACS 2365 and FACS 2388.

FACS 3339. Community Nutrition. 3 Hours.

This course examines the role of nutrition in health promotion and disease prevention in community groups. Tools for developing community nutrition interventions are emphasized. Students will implement a community intervention using behavior theories, needs assessment, developing goals, objectives and program evaluations. Government food and nutrition programs and health care delivery system are also examined. Students will study the legislative, sociological, and scientific aspects of public and community health. Offered spring semesters.

Prerequisite: FACS 2362 with a C or better and 45 credit hours.

FACS 3348. Buying I Merchandise Control. 3 Hours.

Techniques of merchandise control including retail mathematics involved in markup, markdown, stock control, open-to-buy, inventory control, pricing and financial statements are studied. Consideration is given to managerial decisions based on the mathematical information encountered in retailing. Taken prior to FACS 4369 Internship. Offered fall semesters.

Prerequisite: FACS 1332, FACS 2333, and ACCT 2301, or consent of instructor.

FACS 3360. Int Dsgn Prof Prac & Procedure. 3 Hours.

This course includes fundamentals of business procedures used in interior design residential and commercial establishments. Practical application is implemented through design project management. (3-0). Offered spring semesters. Co-requisite: FACS 3337.

Prerequisite: Grade of C or better in FACS 3338.

FACS 3361. History of Furnishings II. 3 Hours.

This course is focused on the study of history of interiors, architecture, and furnishings from the post-Renaissance era to the present. Emphasis is given to the social, economic, and political conditions that influenced furniture, interior, and architectural design. Offered fall semesters.(3-0).

FACS 3364. Survey of Interior Design for Non-Majors. 3 Hours.

This course is designed for students pursuing teacher certification in secondary Family and Consumer Sciences. Content includes design theory, materials, space planning, manual and computer-aided project drafting, and project planning and implementation. This course will not count as credit toward the major in Interior Design.

Prerequisite: FACS 1360 and completed 45 hours.

FACS 3365. Digital Drawing for ID II. 3 Hours.

Students in this course focus on computer applications through digital design, three-dimensional modeling, perspective drawing, problem identification, problem solving, and research techniques applied to interior environments. Offered spring semesters.

Prerequisite: ETCM 2363, FACS 2365, and FACS 2388.

FACS 3367. Food Science. 3 Hours.

This course provides fundamentals of physical and chemical structures and properties of food materials and foods during harvesting, preparation, processing, preservation and storage. (1-4). Offered spring semesters. , FACS 1441 and FACS 2362.

Prerequisite: CHEM 4 hrs.

FACS 3368. Fashion Forecasting. 3 Hours.

Students gain a comprehensive understanding of fashion product trends, including researching and interpreting fashion direction, analyzing comparable market offerings, and developing color, style and fabric trends. Customer shopping preferences, revenue optimization, global collaboration, and selling innovation are explored through creative problem-solving.

Prerequisite: FACS 1332 and FACS 2366.

FACS 3369. Family Relationships. 3 Hours.

This course focuses on analysis of the changing and supportive role of the members in the contemporary stages of the family life cycle. Study is made of family heritage and family interaction patterns with an emphasis on individual development. (3-0).

Prerequisite: Junior standing.

FACS 3370. Nutritional Pathways. 3 Hours.

This advanced course establishes knowledge and understanding of nutritional concepts in the biochemical context. Biochemical, physical and metabolic functions of the nutrients; pathways of nutrients from ingestion, assimilation and metabolism; digestive and metabolic interactions between drugs and nutrients are discussed. (3-0). Offered fall semesters.

Prerequisite: CHEM 1412, Junior Standing, and FSN majors only.

FACS 3371. Fashion Merchandising Management. 3 Hours.

This course addresses fundamental principles for successful merchandising of fashion goods, including sales, buying, and marketing procedures. Analysis of consumer and customer demands also are explored. Taken prior to FACS 4369 Internship. (3-0). Offered fall semesters.

Prerequisite: Junior standing.

FACS 3375. Fashion Brand Management. 3 Hours.

Students will develop, build, and sustain a consistent fashion brand strategy. Students will employ creative thinking skills in communicating strategic and engaging brand experiences, promotions, and content specific for fashion products. Students explore multiple types of fashion branding strategies, from luxury brands to mass-market brands.

Prerequisite: FACS 2333 and FACS 2375.

FACS 3377. Codes, Stndrds & Facility Maint. 3 Hours.

A study of laws, codes, standards and regulations that are in effect to protect human health and safety is the focus of this course. Included are the fire and life safety codes, barrier-free design, and ergonomics. (3-0). Offered fall semesters.

Prerequisite: Junior standing.

FACS 3380. Advanced Nutrition. 3 Hours.

Course focus is on concepts of normal nutrition in relation to the chemistry and physiology of the human body; analysis of methods used in assessing human nutrition status; evaluation of current nutritional problems. Offered spring semesters.

Prerequisite: FACS 2362 with a C or better and FACS 3370.

FACS 3440. Pattern Mkg & Adv Cloth-Honors. 4 Hours.**FACS 3445. Quan Food Pur Prep & Ser. 4 Hours.**

Course provides experience in menu planning, food preparation, service, and use of institutional equipment in quantity food service. Principles and methods of buying, preparing, and serving food for various types of quantity food facilities are considered. Factors affecting food quality, food costs, and quantity food production as related to the time factor are emphasized. Lab experience is arranged with SHSU Dining Services. Students must complete a minimum of 24 lab hours by participating in the lab activities and observing personnel, equipment, layout, food safety, food production and service procedures. (2-2).

Prerequisite: FACS 1441 or FACS 2441, 45 hours completed.

FACS 4068. Research Problems. 1-4 Hours.

Seminars provide adequate research experiences for students having special needs and requirements for the completion of work for a degree. Registration is permitted only by approval of the department chair. Course may be repeated for credit. Variable Credit (1-4).

Prerequisite: Junior standing.

FACS 4329. Global Issues in the Fashion Industry. 3 Hours.

Students examine the global nature and scope of the production and distribution of fashion goods. Students evaluate current political, social, and economic developments within the international marketplace and develop strategies to address challenges that face the global fashion industry.

Prerequisite: FACS 1332.

FACS 4330. Commercial Design I. 3 Hours.

A study is made of design development of interiors through analysis of space and structure. Focus is on comprehensive design solutions implemented through multiphase projects including space planning, contract documents, specifications, finish selections, sustainability, and various presentation techniques. (1-4). Offered fall semesters.

Prerequisite: FACS 3332, FACS 3338, FACS 3365 and FACS 3377 with a grade of C or higher and senior standing.

FACS 4331. Commercial Design II. 3 Hours.

The capstone course for Interior Design majors, this course includes a semester-long project or a series of comprehensive projects preparing students for internship and professional office settings. Students are encouraged to demonstrate knowledge gained to-date to solve various design situations. Graphics presentations include hand and digital drawings and media. (1-4). Offered spring semesters.

Prerequisite: FACS 4330 with a grade of C or higher, senior standing.

FACS 4333. Child Dev & Guidance. 3 Hours.

This course includes directed observation and participation in a child development center or public school setting to provide students with experience in the practical aspects of child development. Emphasis is placed upon helping children build feelings of security and adequacy and maintaining limits of behavior. Lectures are concerned with types of child-based care, rearing and guidance; growth and development; clothing; and nutrition for prenatal through adolescent years. (3-0). Offered fall semesters.

Prerequisite: Junior standing or permission of instructor.

FACS 4348. Buying II: Planning & Allocation. 3 Hours.

Students examine and interpret the influence of merchandise planning and allocation on retail profit and analyze buying patterns and trends. Students develop merchandise plans and strategies for appropriate allocation of inventory. The roles and responsibilities of fashion merchandising buyers, planners, and allocators are explored.

Prerequisite: FACS 2333 and FACS 3348.

FACS 4359. Fashion Innovation and Creativity. 3 Hours.

Students use design-based thinking to engage with the unique challenges of product innovation and processes. Students work in cross-functional teams to develop creative innovation strategies applied to the fashion system framework to impact and drive positive change.

Prerequisite: FACS 1332, Junior Standing.

FACS 4360. Clinical Dietetics I. 3 Hours.

Study of medical nutrition therapy. Course includes current diet manipulations for disease conditions including the provision of enteral and parenteral nutrition. Nutritional adequacy for disease conditions and the impact of sociological, economic, psychological factors on nutritional status is addressed. Case studies and work with clients to gain hands-on knowledge is required. Offered fall semesters. FSN majors only.

Prerequisite: FACS 4371, FSN majors only.

FACS 4361. Clinical Dietetics II. 3 Hours.

Continuation of the study of the applications of medical nutrition therapy from FACS 4360. It includes current diet therapy for a variety of disease conditions including the provision of enteral and parenteral nutrition. Nutritional adequacy for disease conditions and the impact of sociological, economic, psychological factors on nutritional status is addressed. It includes class discussions, case studies and work with clients to gain hands-on knowledge. Students utilize the scientific literature to understand evidence-based practice. Offered spring semesters. FSN majors only.

Prerequisite: FACS 4360.

FACS 4364. Mth Tchng Fam & Consumer Sci. 3 Hours.

A study of professional competencies required to teach family and consumer sciences including development of curriculum. Analysis and evaluation of teaching methods, procedures, strategies, and resource materials used in Family and Consumer Sciences. Laboratory situation includes preparing, presenting and video taping micro teaching experiences. Cross-listed with CISE 4364. (3-0). Also offered through the FCS Alliance.

Prerequisite: Admission to Teacher Education program, CISE 3383 or FACS 4333 with a grade of C or better.

FACS 4365. Student Teaching Family & Consumer Science. 3 Hours.

Supervised observation and teaching in Family and Consumer Sciences. Off-campus teaching centers furnish laboratory experiences for the courses. Activities include work with the total school program, supervising and working with occupational activity program, parental contacts, advisory council, and FCCLA. Advance registration required. (6-0).

Prerequisite: Twelve hours secondary education, forty hours family and consumer sciences, FACS 4364.

FACS 4366. Student Teaching Family & Consumer Science. 3 Hours.

Supervised observation and teaching in Family and Consumer Sciences. Off-campus teaching centers furnish laboratory experiences for the courses. Activities include work with the total school program, supervising and working with occupational activity program, parental contacts, advisory council, and FCCLA. Advance registration required. Cross-listed with CISE 4396. (6-0).

Prerequisite: Twelve hours secondary education, forty hours family and consumer sciences, FACS 4364.

FACS 4367. Sewing Textiles & Design. 3 Hours.

This course consists of inquiry in special areas of clothing: marketing, production, consumption and socioeconomic behavioral aspects of consumers of textiles and clothing. Offered fall semesters.

Prerequisite: FACS 3371, Junior standing.

FACS 4369. Internship. 3 Hours.

Course consists of an off-campus work experience in an approved professional environment under the guidance of an internship supervisor. A minimum of two hundred (200) supervised clock hours are required for appropriate credit and enrollment in the course FACS 4369 at the time the work is being completed. Offered spring semesters and summer only. Refer to the department internship handbook for specific major requirements.

Prerequisite: Departmental Approval Required and 90 semester hours completed.

FACS 4370. Advanced Food Service Organization & Management. 3 Hours.

Course is focused on principles of organization and management as they relate to food service systems; development of managerial and motivational skills; communications; decision making; management by objectives. (3-0). Offered spring semesters.

Prerequisite: FACS 3445.

FACS 4371. Nutrition Assessment. 3 Hours.

A study of nutrition assessment methods for determining nutrition diagnoses and care. Skills development in obtaining nutrition histories, diet analysis, motivational interviewing, body composition and performing nutrition-focused physical examinations. Students will learn to develop nutrition prescriptions and counseling plans as well as documentation of nutrition care. Experiential learning is utilized. Offered spring semesters.

Prerequisite: FACS 3380 or concurrent enrollment, FSN majors only.

FACS 4372. Resource Management. 3 Hours.

Managerial and social problems pertaining to individuals and families are examined. Emphasis is placed on decision-making of time, energy, and financial management as well as efficient use of resources. (3-0). Offered spring semesters or through the FCS Alliance.

Prerequisite: Junior standing.

FACS 4373. Cultural Food Practices. 3 Hours.

Cultural food practices from around the world will be studied. Students will learn various nutrition education strategies used to make effective dietary changes in keeping with cultural norms. An exploration and appreciation of how cultural factors affect our food patterns will assist in developing cultural competency. Offered fall semesters.

Prerequisite: FACS 1441, and FACS 2362.

FACS 4392. Independent Study in Family and Consumer Science. 3 Hours.

A directed individual study of an approved problem related to one of the majors in Family and Consumer Sciences.

Prerequisite: 9 advanced hours in declared major in Family Consumer Sciences and approval of department chair.

FACS 4395. Special Topics Family & Consumer Science. 3 Hours.

Director/Chair: **Ronald Lee Reed**

Berna El Rahi Abed el Sater, PHD (bxa051@shsu.edu), *Assistant Professor of Food Science and Nutrition, Department of Family & Consumer Sciences**, PHD, University of Montreal; MS, American University of Beirut; BS, Notre Dame University

Basem Azmy Saad Boutros, PHD (bab151@shsu.edu), *Assistant Professor of Family and Consumer Sciences, Department of Family & Consumer Sciences**, PHD, Kansas State University; MSC, Fayoum University; BSC, Fayoum University

Laura Keilers Burlison, PHD (hec_lpb@shsu.edu), *Assistant Professor of Interior Design, Department of Family & Consumer Sciences**, PHD, Texas Tech University; MS, Oklahoma State University; BS, Oklahoma State University

Ronald Lee Reed, MS (rlr054@shsu.edu), *Associate Professor and Chair of Family and Consumer Sciences, Department of Family & Consumer Sciences**, MS, Colorado State University; BS, Univ of Arkansas-Fayetteville

Interim Faculty

Ryann Aoukar, MS (rx107@shsu.edu), *Visiting Assistant Professor of Interior Design, Department of Family & Consumer Sciences**, MS, Ministry of Culture; BS, Ministry of Culture

Arsalan Gharaveis, PHD (axg312@shsu.edu), *Visiting Assistant Professor of Family and Consumer Sciences, Department of Family & Consumer Sciences**, PHD, Texas A&M University; MARCH, Iran University of Science and; BARCH, Iran University of Science and

Tabbatha Dawn Lopez, PHD (tdl030@shsu.edu), *Clinical Assistant Professor of Family and Consumer Sciences, Department of Family & Consumer Sciences**, PHD, Univ of Houston-Main; BS, Univ of Houston-Main; BS, Univ of Houston-Main

Dana R Smith, PHD (drs081@shsu.edu), *Visiting Assistant Professor of Food Science and Nutrition, Department of Family & Consumer Sciences**, PHD, Texas A&M University; MS, Texas A&M University; BS, Harding University

Keila E Tyner, PHD (kxt033@shsu.edu), *Associate Professor of Practice of Family and Consumer Sciences, Department of Family & Consumer Sciences**, PHD, Iowa State University; MS, Colorado State University; BS, Texas Christian University