

# FAMILY AND CONSUMER SCIENCES

College of Health and Human Services

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**Baccalaureate Program Coordinator:** Richard V. Tuveson

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**Administrative Support Coordinators:**  
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**Instructional Support Technician:** Bonnie Rice

## Accreditation

The Department of Family and Consumer Sciences is accredited by the American Association of Family and Consumer Sciences (AAFCS) (American Association of Family and Consumer Sciences, Council for Accreditation, 1555 King Street, Alexandria, VA 22314, phone: 703-706-4600). The Didactic Program in Dietetics and the Dietetic Internship are currently granted accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, phone: 312-899-0040, ext. 5400. The Hospitality Management program is accredited by the Accreditation Commission for Programs in Hospitality Administration. The Preschool and Toddler Study Laboratories are accredited by The National Association for the Education of Young Children. Family Studies Program is approved by the National Council on Family Relations to offer a program leading to Provisional Family Life Education Certification.

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## Undergraduate Programs

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### Bachelor of Arts in Family and Consumer Sciences

This degree offers six options:

- Child Development and Family Studies
- Consumer Affairs
- Family Life Education
- Fashion Design
- Fashion Merchandising

Degree and certificate information and requirements are listed under each option alphabetically in this catalog.

### Bachelor of Science in Dietetics and Food Administration

This degree offers two options:

- Nutrition and Dietetics
- Food Science (suspended)

Degree and certificate information and requirements are listed under each option alphabetically in this catalog.

### Bachelor of Science in Hospitality Management

Degree and certificate information and requirements are listed under each option alphabetically in this catalog.

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## Graduate Programs

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### Master of Arts in Family and Consumer Sciences

Please note, admission to this program is currently suspended to new students.

A Master's in Business Administration (MBA) with a Specialization in Consumer Affairs, Fashion Merchandising and Design, or Hospitality Management is offered through the College of Business Administration. Please contact the advisor in these areas for further information. The advisors include:

- Dr. Wendy Reiboldt ([Wendy.Reiboldt@csulb.edu](mailto:Wendy.Reiboldt@csulb.edu)),  
Consumer Affairs
- Dr. Marine Aghekyan ([Marine.Aghekyan@csulb.edu](mailto:Marine.Aghekyan@csulb.edu)),  
Fashion Merchandising and Design
- Dr. Libby Gustin ([Libby.Gustin@csulb.edu](mailto:Libby.Gustin@csulb.edu)), Hospitality  
Management

This program is designed to prepare students with a background in program evaluation and administration, research methods, and application of advanced subject matter knowledge to enhance the quality of life of individuals, families, and communities. The advanced candidate selects either a thesis track or directed project track to facilitate a selected career path.

There are four specializations in this program:

- Consumer Affairs
- Family and Consumer Sciences Education
- Fashion Merchandising
- Hospitality Management

Interested students should contact the Department of Family and Consumer Sciences Graduate Coordinator at (562) 985-4484. Online information can be found at <http://www.csulb.edu/colleges/chhs/departments/fcs/programs/graduate/MADegree.htm>.

### Admission

Prospective applicants must comply with University requirements for admission to graduate studies as outlined in this catalog. Students must concurrently submit application to the University Admissions and Records office and the Department. A cohort of students will be admitted each Fall semester.

### Admission Requirements to the Department

Admission to the Master of Arts in Family and Consumer Sciences is dependent upon approval by the Graduate

Coordinator. The application requirements for prospective graduate students for the Master of Arts degree are:

1. Meet minimum University requirements for admission as well as the standards established by the program.
2. One letter of recommendation sent to the Graduate Coordinator.
3. Additional materials that provide evidence of academic performance may be requested (at a later date) after review of applicant's file.
4. Approval by the Graduate Coordinator.
5. For students specializing in Fashion Merchandising, GRE scores are required.

### Prerequisites

1. Students are responsible for meeting all prerequisite requirements prior to enrolling in 500/600 level courses.
  - A. The Graduate Coordinator and/or faculty advisor will evaluate transcripts. The student who needs to complete prerequisite deficiencies must do so using a program of study developed with the specialization area faculty advisor and approved by the Graduate Coordinator.
  - B. The student who needs to pass the Test of English as a Foreign Language (TOEFL) must do so within one year of admission.
2. Students from other disciplines may be required to complete prerequisite courses before enrolling in 500/600 level courses.
3. Prerequisites for all courses carrying graduate credit must have been completed within five years of taking the graduate courses. If the prerequisite is outdated, the prerequisite(s) must be repeated or credit obtained by examination.
4. Students deficient in undergraduate preparation must take courses to remove these deficiencies at the discretion of faculty in the specified subject matter area and the Graduate Coordinator. Courses taken to remove deficiencies may not be included in the graduate program of study.

### Retention

1. Maintain a 3.0 or better grade point average in all graduate work completed at CSULB and all graduate work transferred to meet graduate requirements.
2. Maintain satisfactory progress toward the degree objective.

### Advancement to Candidacy

1. Satisfy the general University requirements for Advancement to Candidacy;
2. Complete all required core courses: EDP 419; FCS 563, FCS 600, FCS 696
3. Approval of the Graduate Coordinator, and Associate Dean of the College of Health and Human Services.

### Requirements for Graduation

1. Meet University regulations that apply to all graduate programs.
2. Complete minimum of 30 units of approved upper-division and graduate courses.
3. Complete the following required core courses (12 units):

FCS 563 Program Evaluation (3)

Prerequisites: Upper division or graduate course in statistics; FCS 696 (may be taken concurrently) or equivalent.

FCS 600 Seminar in Leadership and Administration (3)

Prerequisites: Graduate standing.

FCS 691 Instructional Strategies (3)

Prerequisite: Graduate standing.

FCS 696 Research Methods (3)

Prerequisites: Upper-division course in statistics.

4. Take the following courses (6 units):

FCS 697 Directed Research (3)

Prerequisites: Advancement to candidacy.  
and

FCS 692 Directed Project (3)

Prerequisites: FCS 697.

or

FCS 698 Thesis (3)

Prerequisites: FCS 697.

5. Complete an additional 12 units of Advisor approved courses.
6. Complete a defense of the research proposal, and oral defense of Thesis or Directed Project to the research committee, and Poster Presentation at FCS Department Poster Session.

## Master of Science in Nutritional Science

This degree offers four emphases: Nutritional Science, Latino Health and Nutrition, Food Science, and Dietetic Internship.

### Admission Criteria

Prospective applicants must comply with University requirements for admission to graduate studies as outlined in this catalog. Students must concurrently submit applications to the University Admissions and Records Office and the Department of Family and Consumer Sciences.

Admission to the Master of Science in Nutritional Science is dependent upon the recommendation by the Graduate Coordinator and the College of Health and Human Services Associate Dean. The requirements for prospective graduate students for the Master of Science degree are:

1. A bachelor's degree in Nutrition, Dietetics, or related field with an undergraduate overall GPA of 3.0 and a GPA of 3.0 on the last 60 undergraduate units attempted.
2. A minimum score of 4 on the Analytical Writing section of the general GRE.
3. A passing score on the test of English as a Foreign Language (TOEFL) if the applicant's native language is not English and preparatory education was principally in a language other than English.
4. Submission of the following to the Graduate Coordinator in the Department of Family and Consumer Sciences:
  - A. A copy of the completed application submitted to the CSULB Office of Enrollment Services.
  - B. Three letters of recommendation with at least two from instructors who have direct knowledge of the applicant's scholastic ability and professional qualifications.
5. Completion of all prerequisites for 500/600 level courses prior to admission.

CSUMENTOR.edu and Program Applications must be postmarked by the deadline as seen on the Graduate Advising home page for the fall semester to receive consideration for admission.

### **Additional Admission Criteria for Students Choosing the Dietetic Internship Emphasis**

1. Completion of an ACEND accredited Didactic Program in Dietetics with an original Verification Statement from the Didactic Program Director;
2. Related volunteer or work experience in the United States;
3. Completion of the Dietetic Internship Centralized Application System (DICAS) application by the deadline as seen on the Graduate Advising home page for the fall semester to receive consideration for admission;
4. Additional application materials to Program Director postmarked by the deadline as seen on the Graduate Advising home page for the fall semester to receive consideration for admission which includes a nutrition-related experience worksheet and a GPA calculation sheet (both forms can be downloaded from the Internship Program website: [www.csulb.edu/dieteticinternship](http://www.csulb.edu/dieteticinternship)); and,
5. Interview with Program Director and review committee.

### **Prerequisites**

1. Prerequisites for all courses carrying graduate credit must have been completed within five years of taking the graduate courses. If any prerequisite is outdated, it may be repeated or credit obtained by written examination.

### **Advancement to Candidacy**

1. Complete 9 units of graduate courses, including FCS 696.
2. Maintain a 3.0 GPA for all course work attempted as a graduate student.
3. Complete a Program of Study in consultation with a faculty advisor.
4. Approval by the Graduate Coordinator of Family and Consumer Sciences and the Associate Dean of the College of Health and Human Services.
5. Enrolled in the semester in which the Advancement to Candidacy takes place.

### **Retention**

1. Maintain a minimum of 3.0 GPA in all graduate work completed at CSULB and all graduate work transferred to meet graduate requirements.
2. Maintain satisfactory progress toward the degree objective.

### **Requirements**

Completion of a minimum of 36 units.

Take all of the following core courses (15 units)

EDP 519 or HSC 503 or statistics course approved by the faculty advisor.

FCS 530A Carbohydrates, Lipids and Proteins (3)  
Prerequisites: NUTR 436, NUTR 335 BIOL 260.

FCS 530B Vitamins and Minerals (3)  
Prerequisites: NUTR 436, NUTR 335 BIOL 260.

FCS 696 Research Methods (3)

Prerequisite: Upper-division course in statistics.

FCS 697 Directed Research (3)

Prerequisite: Advancement to candidacy.

Take one of the following capstone courses (3 units):

FCS 692 Directed Project (3)

Prerequisite: FCS 697.

FCS 698 Thesis (3)

Prerequisite: FCS 697

### **Defense of Research Proposal, Oral Defense of Thesis or Directed Project to Committee, and Poster Presentation at FCS Department Poster Session**

Complete one of the following emphases (18 units):

1. Select 6 courses for the Nutritional Science Emphasis.  
FCS 531, FCS 539, FCS 563, FCS/KIN 568, FCS 636; BIOL 570; EDAD 541, EDAD 677A; HSC 430, HSC 500; KIN 551, KIN 566  
Or other courses selected in consultation with the Graduate Advisor.
2. Select 6 courses in the Latino Health and Nutrition Emphasis:  
HSC 507; FCS or HSC 534; FCS or HSC 537; HHS 592A, HHS 634, HHS 635
3. Select 6 courses in the Food Science Emphasis:  
FCS 532, FCS 535, FCS 592, FCS 597

Electives selected in consultation with Graduate Advisor (6)

4. Academy of Nutrition and Dietetics Accredited Internship Program:  
FCS 591A Professional Practicum in Dietetics (3,3,3)  
FCS 591B Seminar in Dietetic Practice (3,3)  
One 3 unit elective course (3)

The department offers a combined Master of Science in Nutritional Science and Internship Program in Nutrition and Dietetics (IPND) supervised practice. The IPND is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND). Upon successful completion of the IPND, the student will be eligible to write the Registration Examination for Dietitians.

The IPND's mission is to provide contemporary training of the entry-level nutrition professionals who will become valued leaders in multi-ethnic communities, healthcare programs and food production settings for the years 2012-2022. Two major goals of the IPND are:

1. To prepare entry-level dietitians who can apply the science of nutrition for the well-being of individuals throughout the lifecycle, and
2. To prepare graduates of a Master of Science in Nutritional Science degree who are dedicated and confident in their profession.

The Internship Program has a "Nutrition Across the Life Cycle Communication" (NALCC) Concentration. The concentration is designed to develop unique communication, education and health promotion skills. These skills will enhance the ability of graduates to interview, counsel, and guide individuals with nutrition decisions and eating behaviors at all ages of individuals

across the life cycle. In addition, the concentration prepares graduates with the ability to develop health promotion and chronic disease prevention programs for individuals and groups.

The IPND provides 1,200 hours of practicum experience (FCS 591A: Professional Practicum in Dietetics) within a broad array of disciplines including nutrition therapy, foodservice systems management, community and business/ entrepreneurial nutrition. The supervised practice is conducted off campus at a variety of excellent facilities including, but not limited to, medical centers, health departments, school districts and community service organizations. An additional didactic course (FCS 591B: Seminar in Dietetic Practice) supporting the practicum is taken and constitutes 276 hours of class time.

The student must enroll in a minimum of two full academic years to finish both the M.S. in Nutritional Science and the Internship Program. Graduate coursework is to be completed the first year (fall, spring, and summer). Supervised practice is to be completed the second year (second summer session, fall, spring, and summer). The thesis or project is to be completed by the end of the second year.

### **Dietetic Internship Completion**

The student will complete the MS/IPND when the following has been achieved:

1. Completion of 1,200 hours of practicum (FCS 591A) with a minimum of satisfactory performance as evaluated by preceptors and receiving a credit grade in the course;
2. Completion of the Seminar in Dietetic Practice: FCS 591B with a grade of B or higher;
3. Completion of all designated graduate courses with a grade of "B" or higher;
4. Completion of 15 units of core courses and one 3 unit elective course;
5. A written Thesis or Directed Project; and
6. Defense of Research Proposal, Oral Defense of Thesis or Directed Project to Committee, and Poster Presentation at FCS Department Poster Session.

When the student meets these requirements, he/she will receive an ACEND Verification Statement signed by the Program Director. The graduate will then be eligible to attempt the Registered Dietitian exam.

Students can view details of the dietetic internship at [www.csulb.edu/dieteticinternship](http://www.csulb.edu/dieteticinternship).

### **Single Subject Teaching Credential in Home Economics**

For information, refer to the undergraduate section in Family and Consumer Sciences Education.

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## **Family and Consumer Sciences Courses (FCS)**

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### **LOWER DIVISION**

#### **299. Introduction to Family and Consumer Sciences (1)**

Must be taken during first semester as Family and Consumer Sciences or Dietetics and Food Administration major. Provides a general overview of Family and Consumer Sciences as a discipline of study and a profession. Examines historical and philosophical perspectives and considers issues, trends, and

career opportunities within each option in the department.

Letter grade only (A-F). (Lecture-discussion 1 hour) Not open for credit to students with credit in FCSE 299.

### **UPPER DIVISION**

#### **392. FCS Field Experience (3)**

Prerequisites: Upper division standing; majoring in a FCS specialization; consent of instructor.

Field experience (120 hours). Student assumes a pre-professional role in an agency, school, business, or community setting. Objectives and placement preapproved by student's major faculty advisor. Internship supervisor monitors and evaluates student performance based on contractual, pre-established criteria.

Letter grading only (A-F). May be repeated for a maximum of 6 units in different semesters. Not open for credit to students with credit in FCSE 392.

#### **392A. Field Experience in Child Development and Family Studies (3)**

Prerequisites: Upper division standing; major in Family and Consumer Sciences with an Option in Child Development and Family Studies; Consent of Instructor. Not open for credit to students with 6 units of FCSE 392. May not be taken concurrently with CDFS 492A or CDFS 492B.

Field experience (120 hours). Student assumes a pre-professional role in a setting focusing on child development and family studies. Objectives and placement preapproved by major faculty advisor. Internship supervisor monitors and evaluates performance based on contractual, pre-established criteria.

Letter grading only (A-F). May be repeated for a maximum of six units in different semesters.

#### **490. Selected Topics in Family and Consumer Sciences (1-3)**

Group investigation of selected topics.

May be repeated to a maximum of 9 units. Topics announced in the *Schedule of Classes*. (Seminar 1-3 hours) Not open for credit to students with credit in FCSE 490, FCSE 490B or FCSE 490D.

**B. New York Fashion Study Tour (course fee may be required)**

**D. Children and Families in New Zealand and in the U.S.A. Comparative Study Child U.S. and N.Z.**

#### **492G. Internship in Gerontology (3)**

Prerequisites: Student must be a Gerontology Certificate candidate; have senior standing; have a 2.5 overall GPA or a 3.0 major GPA; approval of the Gerontology program director; and GERN 400, ANTH 454, PSY 365 or HDEV 357. Each prerequisite course must be completed with a grade of "C" or better. A course in which a grade lower than "C" is received must be retaken and successfully completed prior to enrolling in any course for which it is a prerequisite. A student receiving a grade lower than a "C" may proceed with other courses with approval of the Area Coordinator.

Field experience in which student assumes a preprofessional role in a professional setting. Objectives developed by student with supervisor must be approved by major advisor and form the basis for evaluation.

May be repeated for 6 units maximum. Same course as GERN 492G. Not open for credit to students with credit in GERN 492G. (Seminar 3 hours)

#### **497. Directed Studies (1-3)**

Prerequisites: Upper division standing, consent of instructor.

Independent study under the supervision of a faculty member. Exploration/experience in areas not a part of any regular course.

May be repeated to a maximum of 6 units. Not open for credit to students with credit in FCSE 497.

### **499. Professionalism and Leadership in Family and Consumer Sciences (1)**

Prerequisites: FCS 299, CAFF 321, 12 units of upper division course work in Family and Consumer Sciences. Must be taken in one of the last two semesters prior to graduation.

Analysis of contemporary issues, public policies and future directions of FCS as discipline of study and a profession with integrated specializations.

Letter grade only (A-F). (Lecture-Discussion 2 hours) Not open for credit to students with credit in FCSE 499.

## **GRADUATE LEVEL**

### **502. Child and Family Law (3)**

Prerequisites: CDFS 312 and upper division standing.

Establishment, conduct, and termination of marital and non-marital family relationships, including the rights and duties of the parties involved. Topics include marital disillusionment, child custody issues, property rights, domestic violence, adoption, support, genetic testing, and new trends in family law.

Letter grade only (A-F). (Lecture-discussion 3 hours)

### **520. Personal Finance for the Aging (3)**

Prerequisites: 400-level course in Consumer Affairs or consent of instructor.

Personal finance as applied to the aging population.

Letter grade only (A-F). Same course as GERN 520. Not open for credit to students with credit in GERN 520. (Lecture-discussion 3 hours)

### **525. Personal Financial Planning Analyses (3)**

Prerequisites: CAFF 223 or consent of instructor.

Analysis and protection of personal and family resources; planning and forecasting goals; development of financial strategies utilizing insurance, investment, tax management, pensions, wills and trusts.

Letter grade only (A-F).

### **526. Family Financial Problems (3)**

Prerequisites: CAFF 223 or consent of instructor.

Theory and practice in the diagnosis of family financial crises; selecting alternative solutions; constructing practical methods for the prevention of family financial problems.

Letter grade only (A-F). (2 hours discussion, 3 hours laboratory).

### **529. Consumer Protection (3)**

Prerequisites: Upper Division course in consumer affairs or consent of instructor.

Concepts of consumer protection with analysis of a myriad of resources available for individuals and families with consumer problems.

Letter grade only (A-F). (Seminar 3 hours)

### **530A. Carbohydrates, Lipids and Proteins (3)**

Prerequisites: NUTR 436, NUTR 335 BIOL 260.

Nutritional, metabolic and clinical aspects of carbohydrates, lipids and proteins. Current knowledge of interactions between macronutrients and assessment of needs.

Letter grade only (A-F). (Seminar 3 hours)

### **530B. Vitamins and Minerals (3)**

Prerequisites: NUTR 436, NUTR 335 BIOL 260.

Nutritional, metabolic and clinical aspects of vitamins and minerals. Current knowledge of interactions between micro- and macro-nutrients. Principles of nutritional status assessment and determination of needs.

Letter grade only (A-F). (Seminar 3 hours)

### **531. Advanced Community Nutrition (3)**

Prerequisites: NUTR 436 and NUTR 335, NUTR 461.

Program planning and evaluation with emphasis on major nutrition-related public health problems among target populations. Protocol development, collection and analysis of data. Verbal and written communications.

Letter grade only (A-F). (Lecture-discussion 3 hours)

### **532. Food Analysis (3)**

Prerequisites: CHEM 227, FSCI 332 or equivalent.

Application of scientific methods of food analysis. Consideration of manner in which such variables as ingredients, proportions, and techniques in food preparation affect the quality of products. Experimental laboratory problems.

Letter grade only (A-F). Course fee may be required. (Seminar 2 hours, Laboratory 3 hours)

### **534. Advanced Latino Nutrition, Health and Chronic Disease Prevention (3)**

Prerequisite: Open to students enrolled in graduate programs in Family and Consumer Sciences, Health Science, or related fields.

Explores nutrition-related and contextual factors associated with the high rates of chronic disease among diverse Latino-specific subpopulations and provides culturally relevant strategies for prevention.

Letter grade only (A-F). Same course as HSC 534. Not open for credit to students with credit in HSC 534.

### **535. Food Processing, Preservation and Packaging (3)**

Prerequisites: FSCI 332 or consent of instructor.

Methods and technological aspects in food processing, preservation and packaging. Application of principles and assessment of nutrition. Evaluation of chemical additives. Microbiological aspects of food safety.

(Lecture-discussion 2 hours, Laboratory 3 hours)

### **537. Culturally Responsive Nutrition Promotion for Latinos (3)**

Prerequisites: Open to students enrolled in graduate programs in Family and Consumer Sciences, Health Science or related field.

Explores the need and methods to develop culturally and linguistically relevant nutrition education with a focus on the Latino population. Students will analyze, evaluate, and create culturally competent nutrition interventions for the Latino community.

Letter grade only (A-F). Same course as HSC 537. Not open to students with credit in HSC 537.

### **539. Nutrition and Aging (3)**

Prerequisites: NUTR 132 or BIOL 207 or BIOL 301 or GERN 400 or consent of instructor.

Nutritional needs as related to physiological changes that occur during aging. Factors that influence food intake and nutritional status of the elderly. Diet adaptation for chronic diseases commonly found in older adults.

Letter grade only (A-F). Same course as GERN 539. Not open for credit for students with credit in GERN 439, GERN 539 or NUTR 439.

### **555. Global Perspectives in Fashion Merchandising (3)**

Prerequisites: FMD 351 and FMD 355, MKTG 300, and Graduate standing, or consent of instructor.

Application of merchandising concepts for the budgeting, buying, promoting, and selling of fashion apparel and accessories in global retail organizations.

Letter grade only (A-F).

**558. Fashion Product Development (3)**

Prerequisites: FMD 353, Graduate standing, or consent of the instructor.

Process of designing and engineering fashion products to be serviceable, producible, salable, and profitable for various consumer market segments.

Letter grade only (A-F).

**563. Program Evaluation (3)**

Prerequisites: Upper division or graduate course in statistics; FCS 696 (may be taken concurrently) or equivalent.

Principles, design, and methods of program evaluation for use by Family and Consumer Sciences and Gerontology professionals. Selection and development of instrumentation for data collection and interpretation and methods of reporting.

Letter grade only (A-F). Same course as GERN 563. Not open for credit to students with credit in GERN 563. (Seminar 3 hours).

**568. Nutrition for Exercise and Performance (3)**

Prerequisites: NUTR 132, KIN 301 for the KIN Fitness option and the KIN Exercise Science option or BIOL 207 for the Nutrition and Dietetics option.

Explores the role nutrients play in exercise and performance enhancement. Topics include evaluation of energy needs during physical activity, examination of weight management practices, assessment of nutritional status, and investigation of contemporary dietary issues related to exercise.

Letter grade only (A-F). Same course as KIN 568. Not open for credit to students with credit in KIN 568. Open to all graduate Kinesiology students in the the Adapted Physical Education, Coaching and Student Athlete Development, Pedagogical Studies (for K-12 teachers), Sport Management, Individualized Studies, Exercise Science, Exercise Physiology and Nutrition, Sport and Exercise Psychology, and Sports Medicine and Injury Studies options and M.S. students in the Nutritional Science without Dietetic Internship, Nutritional Science with Dietetic Internship, and Food Science emphases and/or consent of instructor.

**572. Advanced Hotel Administration (3)**

Prerequisites: HFHM 372 or consent of instructor.

Principles of organization, administration, and leadership in hotel and lodging operations are explored. Topics include organizational management, human resource management, productivity, marketing, financial management, and quality service management as they are applied to the hotel and lodging industry.

Letter grade only (A-F).

**574. Cost Control in Hospitality Foodservice and Hotel Management (3)**

Prerequisites: HFHM 275 or HFHM 276 or consent of instructor

Financial management of food, labor, supplies, and other operational costs; procedures for controlling purchasing, receiving, storing, and issuing of food, beverage, and supplies; inventory and security management; computer applications; and analysis of financial reports in hospitality foodservice and hotel industry.

Letter grade only (A-F). (Lecture/Discussion 3 hours).

**577. Restaurant and Dining Management (3)**

Prerequisites: HFHM 276 or consent of instructor.

Principles of organization and administration in commercial and non-commercial foodservice operations are explored. Includes food purchasing, receiving, storage, inventory control, marketing, organizational management, human resource management, productivity, financial management, and quality management as applied to the foodservice industry. Fieldtrips required.

Letter grade only (A-F). (Discussion 3 units)

**579. Leadership and Strategic Management in the Hospitality Industry (3)**

Prerequisite: Graduate Standing.

Explore principles of organization, administration, and leadership in the hospitality industry. Topics include leadership, organizational theory, strategic management, team building, motivation, communication, and quality improvement as applied to the hospitality industry.

Letter grade only (A-F).

**590. Selected Topics in Family and Consumer Sciences (3)**

Prerequisites: Enrollment in a graduate major in the Family and Consumer Sciences department; advancement to candidacy; instructor consent.

Advanced and specialized topics of current interest in the field of family and consumer sciences selected for intensive development. Topics are announced in the Schedule of Classes.

Both grading options. May be repeated to a maximum of 6 units with different topics in different semesters. (3 hours seminar)

**591A. Professional Practicum in Dietetics (3)**

Prerequisite: Admission in the Academy of Nutrition and Dietetics Accredited Dietetic Internship.

Supervised practicum at contracted facilities to meet performance standards and qualify for the national registration examination.

Credit/No Credit grading only. May be repeated to a maximum of 9 units in different semesters. Course fee may be required.

**591B. Seminar in Dietetic Practice (3)**

Corequisite: FCS 591A.

Oral and written presentations of annotated bibliographies and a clinical case study, reports of professional meetings, examinations and field trips.

Letter grade only (A-F). May be repeated to a maximum of 6 units in different semesters. (Seminar 1 hour).

**591C. Professional Practicum in Dietetics (3)**

Prerequisite: Admission to the Academy of Nutrition and Dietetics Individualized Supervised Practice Pathway (ISPP).

Supervised practicum at contracted facilities to meet performance standards and qualify for the national registration examination to become a Registered Dietitian.

Credit/No Credit grading only. May be repeated for a maximum of 18 units in the same or different semesters.

**592. Internship in Family and Consumer Sciences/ Gerontology (3)**

Prerequisites: Graduate standing and consent of instructor.

Field experience in which student assumes a self directed responsible role in an agency, business or other community setting.

Letter grade only (A-F). May be repeated to a maximum of 6 units. (Seminar 3 hours)

**597. Independent Study (1-3)**

Prerequisite: A 400-level course in any of the Family and Consumer Sciences disciplines.

Varied learning activities utilized to achieve competency related to Family and Consumer Sciences not offered in regular course. Written report required.

(Projects)

**600. Seminar in Leadership and Administration (3)**

Prerequisite: Graduate standing.

Application of administration, management and leadership theories to family and consumer sciences/gerontology programs. Decision-making, organizational structures and evaluation concepts included.

Letter grade only (A-F). Same course as GERN 600. Not open for credit to students with credit in GERN 600.

**636. Nutrition and the Media (3)**

Prerequisites: Graduate standing; NUTR 331 or equivalent.

Basic skills for analyzing and communicating reliable nutrition messages for print, electronic, and visual media; translating evidenced-based research into consumer nutrition messages.

Letter grade only (A-F). (Lecture-activity 3 hours)

**691. Instructional Strategies (3)**

Prerequisite: Graduate standing.

A structured program on how to create and deliver college-level instruction. Includes design of assignments within a measurable assessment framework, development of teaching strategies, and appropriate use of media and other pedagogical devices.

Letter grade only (A-F). (3 hours lecture-activity)

**692. Directed Project (3)**

Prerequisite: FCS 697.

Will acquire experiential skills under the guidance of a faculty advisor and supervisor/preceptor at an approved project site. Will identify problems, design and assess a project or conduct research. Results will be presented in a thesis-style report. This serves as the culminating experience for the program.

Letter grade only (A-F).

**696. Research Methods (3)**

Prerequisite: Upper-division course in statistics.

Methodological approaches to contemporary research issues in Family and Consumer Sciences. Focuses on the design, development, and implementation of a formal research-designed project.

Letter grade only (A-F). Same course as GERN 696. Not open for credit to students with credit in GERN 696. (Seminar 3 hours).

**697. Directed Research (3)**

Prerequisite: Advancement to candidacy.

Students work under supervision of the thesis/directed project chair and with other committee members to complete a proposal for the thesis or directed project.

Letter grade only (A-F).

**698. Thesis (3)**

Prerequisite: FCS 697.

Planning, preparation and completion of a thesis related to the family and consumer sciences field.

Letter grade only (A-F).