

FAMILY AND CONSUMER SCIENCES

College of Health and Human Services

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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 Foodservice and Hotel 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.

Undergraduate Programs

Bachelor of Arts in Family and Consumer Sciences

This degree offers six options:

- Child Development and Family Studies
- Consumer Affairs
- Family and Consumer Sciences Education
- Family Life Education
- Fashion Merchandising
- Textiles and Clothing

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

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

Bachelor of Science in Hospitality, Foodservice and Hotel Management

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

Graduate Programs

Master of Arts in Family and Consumer Sciences

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 Foodservice and Hotel 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. At least a 3.0 grade-point cumulative undergraduate average.
2. A copy of the application submitted to the University Office of Admissions and Records.
3. Three letters of recommendation (preferably from previous instructors).
4. Additional materials that provide evidence of academic performance may be requested (at a later date) after review of applicant's file.
5. Approval by the Graduate Coordinator.
6. DEADLINES FOR RECEIPT OF APPLICATIONS TO THE DEPARTMENT GRADUATE COORDINATOR: MAY 1ST FOR FALL ADMISSIONS.

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. Satisfactory completion of the Writing Proficiency Examination/Graduate Writing Assessment Requirement (WPE/GWAR).
2. Minimum of 3.0 overall GPA and a 3.0 average in all units undertaken for the approval program of study.
3. Complete all the following courses: EDP 419; FCS 563, 600, 696
4. Approval of the Graduate Coordinator, and Associate Dean of the College of Health and Human Services.
5. Enrolled in the semester in which the Advancement to Candidacy takes place.

Requirements for Graduation

1. Completion of a minimum of 30 units of approved upper-division and graduate courses with a minimum of 21 units in FCS.
2. Completion of the following:

Take all the following courses:

EDP 419 Educational Statistics (3)

Prerequisites: Satisfactory completion of an undergraduate mathematics course suitable for general education math credit and, if required by the major, a lower-division statistics course.

FCS 563 Evaluation in Family and Consumer Sciences and Gerontology (3)

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

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

Prerequisites: Graduate standing and consent of instructor.

FCS 597 Independent Studies (2)

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

FCS 600 Seminar in Administration of Family and Consumer Sciences/Gerontology Programs (3)

Prerequisites: Graduate standing.

FCS 696 Research Methods (3)

Prerequisites: Upper-division course in statistics.

FCS 697 Directed Research (3)

Prerequisites: Advancement to candidacy.

Take one of the following courses:

FCS 692 Directed Project (4)

Prerequisites: FCS 697.

FCS 698 Thesis (4)

Prerequisites: FCS 697.

Complete 6 units of Advisor approved courses in the area of specialization (Consumer Affairs, Family and Consumer Sciences Education, Fashion Merchandising or Hospitality Foodservice and Hotel Management).

3. Completion of an oral presentation of the Thesis or Directed Project report.

Master of Science in Nutritional Science

This degree offers two emphases: Nutritional Science (Nutrition Therapy/Community Nutrition) and Food Science.

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 approval by the Graduate Coordinator. The requirements for prospective graduate students for the Master of Science degree are:

1. A bachelor's degree 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.
 - C. An official copy of the Graduate Record Examination (GRE) taken within the last 5 years.

THE POSTMARK DEADLINES FOR RECEIPT OF APPLICATIONS TO THE DEPARTMENT GRADUATE COORDINATOR ARE APRIL 1ST FOR FALL ADMISSIONS AND OCTOBER 15th FOR SPRING ADMISSIONS.

Prerequisites

1. Students are responsible for meeting all prerequisite

requirements prior to enrolling in 500/600 level courses. A program of study will be developed with the emphasis area faculty advisor and approved by the Graduate Coordinator.

2. 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

1. Completion of a minimum of 34-36 units depending on concurrent completion of the dietetic internship;
2. An advanced statistics course:
Take one of the following courses:
EDP 519, H SC 503, or a course approved by the faculty advisor;
3. At least 18 units of 500/600 level courses in Family and Consumer Sciences:
 - A. Nutritional Science without Dietetic Internship (34 units):
Take all of the following courses:
FCS 530A Carbohydrates, Lipids and Proteins (3)
Prerequisites: NUTR 436, 436L, BIOL 260.
FCS 530B Vitamins and Minerals (3)
Prerequisites: NUTR 436, 436L, BIOL 260.
FCS 531 Advanced Community Nutrition (3)
Prerequisites: NUTR 436 and 436L; NUTR 461.
FCS 636 Nutrition and the Media (3)
Prerequisites: Graduate standing, NUTR 331A or equivalent.
FCS 696 Research Methods (3)
Prerequisites: Upper-division course in statistics.
FCS 697 Directed Research (3)
Prerequisites: Advancement to candidacy.
Take one of the following courses:
FCS 692 Directed Project (4)
Prerequisites: FCS 697.
FCS 698 Thesis (4)
Prerequisites: FCS 697.
Take 9 units of advisor-approved area of specialization courses.
 - B. Nutritional Science with Dietetic Internship (36 units):
Take all of the following courses:
FCS 530A Carbohydrates, Lipids and Proteins (3)
Prerequisites: NUTR 436, 436L, BIOL 260.

FCS 530B Vitamins and Minerals (3)

Prerequisites: NUTR 436, 436L, BIOL 260.

FCS 531 Advanced Community Nutrition (3)

Prerequisites: NUTR 436 and 436L; NUTR 461.

FCS 591A Professional Practicum in Dietetics (6)

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

FCS 591B Seminar in Dietetic Practice (2)

Corequisites: Enrollment in FCS 591A.

FCS 636 Nutrition and the Media (3)

Prerequisites: Graduate standing, NUTR 331A or equivalent.

FCS 696 Research Methods (3)

Prerequisites: Upper-division course in statistics.

FCS 697 Directed Research (3)

Prerequisites: Advancement to candidacy.

Take one of the following courses:

FCS 692 Directed Project (4)

Prerequisites: FCS 697.

FCS 698 Thesis (4)

Prerequisites: FCS 697.

Take 3 units of advisor-approved area of specialization courses.

C. Food Science (34 units):

Take all of the following courses:

FCS 530A Carbohydrates, Lipids and Proteins (3)

Prerequisites: NUTR 436, 436L, BIOL 260.

FCS 530B Vitamins and Minerals (3)

Prerequisites: NUTR 436, 436L, BIOL 260.

FCS 532 Food Analysis (3)

Prerequisites: CHEM 327, FSCI 332 or equivalent.

FCS 535 Food Processing, Preservation & Packaging (3)

Prerequisites: FSCI 332 or consent of instructor.

FCS 592 Internship in FCS/Gerontology (3)

Prerequisites: Graduate standing and consent of instructor.

FCS 597 Independent Study (1-3)

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

FCS 696 Research Methods (3)

Prerequisites: Upper-division course in statistics.

FCS 697 Directed Research (3)

Prerequisites: Advancement to candidacy.

Take one of the following courses:

FCS 692 Directed Project (4)

Prerequisites: FCS 697

FCS 698 Thesis (4)

Prerequisites: FCS 697.

Take 6 units of advisor-approved area of specialization courses.

4. A written Thesis or a Directed Project

5. Oral presentation of the Thesis or Directed Project.

Academy of Nutrition and Dietetics Accredited Dietetic Internship

The department offers a combined Master of Science in Nutritional Science and Dietetic Internship (DI) supervised practice. The DI 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 DI, the student will be eligible to write the Registration Examination for Dietitians.

The DI's mission is to provide contemporary training of entry-level nutrition professionals who will become valued

leaders in multi-ethnic communities, healthcare programs and food production settings for the years 2012-2022. The two major goals of the DI 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 who are dedicated and confident in their profession.

The Dietetic Internship 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 DI 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 DI 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.

The student must enroll in a full academic year of two semesters and two additional sessions in the summer (sessions I and II) following the academic year. The student enrolls in 11 units of FCS 591A each fall and spring semester, and enrolls in 7 units of FCS 591A in the summer following the academic year.

During the fall and spring, concurrent enrollment is required in the 1-unit graduate seminar (FCS 591B: Seminar in Dietetic Practice). This is the didactic course supporting the practicum and constitutes 276 hours of class time.

Admission Requirements

1. Completion of a ACEND accredited Didactic Program in Dietetics with an original Verification Statement from the Didactic Program Director;
 2. Earned baccalaureate degree;
 3. GPA 3.0 minimum on a 4.0 scale required on the last 60 units of courses completed;
 4. Related volunteer or work experience in the United States;
 5. Graduate standing in the CSULB Master of Science, Nutritional Science program;
- NOTE: Dietetic Internship applicants must apply on or before February 1st to the MS Nutritional Science with Internship degree program to coincide with the Fall admission to the DI program.
6. Completion of the Dietetic Internship Centralized Application System (DICAS) application by February 1st;
 7. Additional application materials to Dietetic Internship Director by February 1st which includes a nutrition-related experience worksheet and a GPA calculation sheet (both forms can be downloaded from the DI website: www.csulb.edu/dieteticinternship); and,
 8. Interview with Program Director and review committee.

Program Completion

The student will complete the DI 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; and,
3. Completion of two of the three designated graduate courses, FCS 530A, 531 or 636 or equivalent with a grade of "B" or higher.

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

Graduates of the Dietetic Internship receive a total of 14 units towards their M.S. in Nutritional Science degree. This includes 6 units from the two required graduate courses of 3 units each, 2 units from FCS 591B (1 unit each semester) and 6 units from FCS 591A (3 units each semester).

Completion of the M.S. degree typically takes an additional one to two years to complete after completing the internship.

Students can view details of the dietetic internship at www.csulb.edu/dieteticinternship.

Career opportunities include employment as a professional such as clinical dietitian; nutrition consultant; entrepreneur; community nutritionist; media spokesperson or marketing manager in the food industry; foodservice manager in hospitals, medical centers, schools, universities, businesses, restaurants or hotels; researcher in the medical, food production or food manufacturing industries, and inspector in the food industry.

Single Subject Teaching Credential in Home Economics

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

Family and Consumer Sciences Courses (FCS)

UPPER DIVISION

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 400I, ANTH 454, PSY 365 or HDEV 357I. 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)

GRADUATE LEVEL

502. Child and Family Law (3)

Prerequisites: CDFS 3121 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)

511. Theories in Family and Consumer Sciences (3)

Prerequisite: Admission to a graduate program in Family and Consumer Sciences or closely related field.

Major contributors and historical and philosophical trends in Family and Consumer Sciences. Theory construction and empirical verification of hypotheses. Contemporary theories spanning the areas in Family and Consumer Sciences.

Letter grade only (A-F).

518. Parent Education (3)

Prerequisites: At least six units of upper division child development and family studies or equivalent courses.

Principles and techniques for working with parents in community and school programs. Assessment of needs and development of programs for adults in a variety of social and cultural settings.

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, 436L, 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, 436L, 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 436L; 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 327, 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)

533. Recent Advances in Food Science (3)

Prerequisites: FSCI 432 or consent of instructor.

New developments in food processing, techniques of food preservation and, chemical additives. Food and water sanitation. Methods of standardization, preservation, and evaluation of quality. Retention of nutritive value, flavor, appearance, and safety of foods.

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

536. Advanced Nutrition (3)

Prerequisites: NUTR 331B; CHEM 448; CHEM 449 (may be taken concurrently).

Metabolism of proteins, fats, carbohydrates, minerals and vitamins; interrelationship of nutrients; principles of determining nutritional requirements of individuals.

Letter grade only (A-F).

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.

538. Medical Nutrition Therapy (3)

Prerequisites: NUTR 436; NUTR 436L (may be taken concurrently).

The nutrition care process is applied to specific pathophysiological conditions. The application of this process includes nutrition assessment, nutrition diagnosis, nutrition intervention, and nutrition monitoring and evaluation.

Letter grade only (A-F).

539. Nutrition and Aging (3)

Prerequisites: NUTR 132 or BIOL 207 or 301 or GERN 4001 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 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.

The 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. Evaluation in Family and Consumer Sciences and Gerontology (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.

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

Prerequisites: HFHM 275 or 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. Foodservice Administration (3)

Prerequisites: HFHM 276 or 375 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)

591A. Professional Practicum in Dietetics (11)

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. 11 units for each of 2 consecutive semesters.

591B. Seminar in Dietetic Practice (1)

Corequisite: Enrollment in 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). 1 unit for each of 2 consecutive semesters. (Seminar 1 hour).

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 Administration of Family and Consumer Sciences/Gerontology Programs (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 331A or equivalent.

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

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

655A. Literature Review and Research in Family and Consumer Sciences (3)

Prerequisite. ED P 419.

Critical analyses of the current professional literature, theory, practice and research. The research process including conceptualization of the problem, literature search and review. The legal and ethical aspects of research are stressed.

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

692. Directed Project (4)

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.

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 (4)

Prerequisite: FCS 697.

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

Letter grade only (A-F).