

NUTRITION

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Faculty

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students after completion of the DPD. The Nutrition Department has an AP-4 program available at several hospital affiliates. Successful completion of this intensive eight-month supervised practice permits a student to write the national registration exam in dietetics.

The BS in Dietetics is a Didactic Program in Dietetics (DPD) approved by the American Dietetic Association. Dietetic students must apply to and be accepted into the DPD before entering their junior year. Students may apply for membership in the American Dietetic Association in their junior or senior year.

Undergraduate Programs

ADA-APPROVED PREPARATION FOR REGISTRY EXAMINATIONS

Andrews University offers two programs to prepare the student for the registry exam given by the American Dietetic Association (ADA).

- The DPD is approved by the ADA to meet the academic requirements for registration eligibility.
- The Approved Pre-Professional Practice Program (AP-4) is a post-baccalaureate internship program approved by the ADA to meet the dietetic practice requirements for registration eligibility.

TWO PHASES OF THE DPD PROGRAM

1. **Pre-dietetics:** Introductory pre-professional and General Education courses obtained at Andrews University or another accredited college or university.
2. **Dietetics:** Two years of study in clinical dietetics, food-service management, and community nutrition obtained on the Andrews University campus. Students complete requirements for the professional Bachelor of Science in Dietetics degree.
After completion of the BS course work for the DPD, an eight-month supervised practice must be completed by a dietetic student for registration eligibility. The supervised practice is provided by an AP-4 program with experiences available in three main areas of dietetics—community nutrition, clinical nutrition, and food-service management. The AP-4 program is taken by dietetic

Graduate Program

MS: Human Nutrition—32

Admission Requirements. Applicants for the MS: Human Nutrition must have completed undergraduate credits in foods, nutrition, and approved cognates as follows.

1. Two nutrition courses (equivalent to FDNT230 and one advanced course).
 2. One course in food science with lab (equivalent to FDNT124).
 3. Survey courses in chemistry with labs, including inorganic, organic, and biological (equivalent to CHEM110 and BCHM120).
 4. Human physiology (equivalent to BIOL112).
 5. Statistics (equivalent to STAT285).
- Applicants with deficiencies may be admitted provisionally, but they must take courses in addition to those in the degree program to meet deficiencies.

Degree Requirements. In addition to the general academic

- FDNT432** ◆ (4) **Medical Nutrition Therapy II**
Implement diet therapy through the assessment of nutritional status and development of care plans for a variety of clinical conditions. Weekly: 3 hours lecture and 4 hours practicum. Prerequisite: FDNT431. *Spring*
- FDNT440** (1-3) **Topics in _____**
Selected topics in nutrition. Repeatable with different topics.
- FDNT448** (2) **Nutrition and Wellness**
The dietary factors associated with the major chronic diseases of Western society. Nutritional issues addressed in the Surgeon General's Report on Nutrition and Health. Prerequisite: FDNT230. *Fall*
- FDNT460** (1-2) **Seminar**
Review of contemporary issues and/or current literature in nutrition. Repeatable to 3 credits. *Fall, Spring*
- FDNT469** ◆ (2-3) **International Nutrition**
A study of world food production, supply, storage, and marketing. Causes and symptoms of nutritional deficiencies in the developing world. Diseases of the affluent. Effects of nutritional deprivation on health and productivity. Effects of social and cultural factors in nutrition. *Fall*
- FDNT476** ◆ (2) **Nutrition and Aging**
Physiological changes in aging. Food-selection patterns, nutritional needs, nutritional disorders, and chronic diseases. Prerequisite: FDNT230. *Fall*
- FDNT485** ◆ (3) **Nutrition and Metabolism**
Study of the nutrients and their functions within the living cell and the complex organism. Discussion of the major metabolic pathways. Prerequisites: BCHM120, FDNT230. *Spring*
- FDNT495** (1-3) **Independent Study/Readings**
Repeatable to 4 credits in independent study and 4 credits in readings on nutrition and dietetics. Consent of instructor required.
- FDNT498** ◆ (2) **Research Methods in Dietetics**
The study of nutrition research design. *Fall*
- FDNT540** (2) **Maternal and Child Nutrition**
Role of nutrition in human growth and development, with emphasis on prenatal period, infancy, childhood, and adolescence.
- FDNT545** (2-4) **Community Nutrition Programs**
Development of theory-based nutrition education program proposal for community groups emphasizing health promotion. Practicum includes observation and participation in community assessment, planning, implementation, and evaluation of various types of programs in order to develop a particular program. Prerequisites: FDNT421, 422, 498.
- FDNT555** (3) **Advanced Human Nutrition I**
Functions and nutritional metabolism of simple and complex carbohydrates, lipids, amino acids, and proteins. Prerequisite: A course in biochemistry. *Fall*
- FDNT556** (3) **Advanced Human Nutrition II**
Functions and nutritional metabolism and interactions of fat-soluble and water-soluble vitamins, minerals, and trace minerals. Prerequisite: A course in biochemistry. *Spring*
- FDNT565** (2) **Current Issues in Nutrition**
Current issues in food safety, diet, and health. Nutritional factors associated with the major chronic diseases of Western society. Prerequisite: FDNT 230. *Spring*
- FDNT570** (3) **Maternal and Child Health**
Preventive health care and conditions necessary for mother and child well-being in developing countries. Community-based interventions for child survival. Management of maternal and child health programs.
- FDNT585** (2-4) **Topics in _____**
Selected topics in the areas of nutrition. Repeatable to 6 credits.
- FDNT586** (1-4) **Professional Experience**
Opportunities for unique supervised practical experiences in various organizations to introduce the student to the role of a professional. A maximum of 4 credits per quarter can be taken. Repeatable to 8 credits.
- FDNT594** \$ (0, 4) **Practicum**
Practicum in dietetics, available only to AP-4 students. *Fall, Spring*
- FDNT600** (1) **Research Design**
Criteria for the organization, analysis, and reporting of research in Nutrition. Preparation of a proposal for a master's thesis or project. Prerequisite: FDNT498 or equivalent. *Spring*
- FDNT648** (1-4) **Workshop**
- FDNT680** (1-4) **Research Seminar**
Individual reports and discussion of recent research data. Repeatable to 4 credits. Consent of instructor required.
- FDNT690** (1-6) **Independent Study**
Individual study and/or research. Consent of instructor required. Repeatable to 6 credits.
- FDNT698** (3) **Research Project**
- FDNT699** (3-6) **Master's Thesis**
Repeatable to 6 credits.