

Nutrition - Basic Science

How the body uses nutrients at the cellular level and in the whole body system plus food and nutrient needs throughout the life cycle in both health and disease states.

The UT department of Nutrition offers a Bachelor of Science degree in nutrition with concentration options in Dietetics and Basic Science. Ours is one of the largest programs in Tennessee and is academically rigorous so that our graduates are prepared for a successful career, with many becoming leaders in the field. Depending on the concentration chosen, past graduates are employed all across the country as clinical dietitians, community dietitians, sports dietitians for collegiate and professional teams, school nutrition personnel, lactation consultants, and pharmacists, physicians, nurses, and physician assistants, just to name a few.

The Basic Science concentration provides an outstanding foundation for pursuing careers in pharmacy, nursing, medicine, veterinary medicine, dentistry and other biomedical sciences, as well as graduate study and research careers in nutrition and related areas. This concentration includes courses such as biology and genetics, required for pre-health majors and for graduate study in the sciences.



The Major

Nutrition- Basic Science majors must maintain a 3.0 cumulative GPA and must earn a C or better in all upper division courses.

Advising for the Nutrition-Basic Science major starts in the College of Education, Health and Human Sciences (BEC 332). Progressing through the major depends on the following requirements:

- **A minimum cumulative UT GPA of 3.0 after a minimum of 45 hours of coursework**
- **Completion of Chem 120, Chem 130, Nutr 100, BCMB 230 and Chem 260**
- **Completion of the above courses with a C or better**

Some coursework required for the major includes:

- **General Psychology**
- **General Chemistry I and II**
- **Basic Calculus**
- **Cellular and Molecular Biology**
- **Human Physiology**
- **Foundations of Organic Chemistry**
- **Human Anatomy**
- **General Microbiology**
- **Life Span Nutrition**
- **Vitamins and Minerals**
- **Food and Nutrition in the Community**

Additional coursework is necessary to meet health professional program prerequisites and integration of this coursework should be coordinated closely with the academic advisor and/or pre-health advising as these requirements will vary by program. Students completing this track are not eligible to apply to any ACEND-accredited supervised practice programs.

For appointments:

<https://cehsadvising.utk.edu/academic-advising/>

Bailey Education Complex, 332

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