

# 8. COLLEGE FOR HEALTH, COMMUNITY AND POLICY

## Mission Statement

The College for Health, Community and Policy is a new innovative college dedicated to advancing human health. The College will transform the way UTSA prepares students for the modern setting of human health related careers, in which physician scientists, nurses, therapists, technicians, social workers, social service and public service workers, and policymakers work together to deliver comprehensive solutions that advance local Texas communities.

## General Information

The College for Health, Community and Policy offers eight undergraduate degrees, eight minors, and one certificate. The Bachelor of Science degree in Nutrition and Dietetics is housed under the College for Health, Community and Policy. The Department of Criminology and Criminal Justice offers the Bachelor of Arts degree in Criminology and Criminal Justice and a Minor in Criminology and Criminal Justice. The Department of Kinesiology houses the Bachelor of Science (B.S.) degree in Kinesiology, with concentrations in athletic training, exercise physiology, kinesiology and health science, and physical education, and a certificate in Athletic Coaching. The Department of Psychology offers a Bachelor of Arts degree in Psychology and a Minor in Psychology. The Department of Public Administration offers a Bachelor of Arts degree in Public Administration and Policy, a Minor in Civic Engagement, a Minor in Public Administration and Policy, and a Minor in Nonprofit Management. The Department of Public Health houses the Bachelor of Science degree in Health and the Bachelor of Science degree in Public Health, with concentrations in Health Promotion and Behavioral Science and Epidemiology and Disease Control, a Minor in Community Health, and a Minor in Wellness. The Department of Sociology offers a Bachelor of Arts degree in Sociology and a Minor in Sociology.

## Coordinated Program in Dietetics Bachelor of Science Degree in Nutrition and Dietetics

The Bachelor of Science (B.S.) in Nutrition and Dietetics is part of the Coordinated Program in Dietetics (CPD), which is a three-year integrated degree that includes the Master of Dietetic Studies (MDS) with 1200 hours of supervised practice. The B.S. in Nutrition and Dietetics requires two years of junior and senior level coursework, while the third year offers masters level courses. Students admitted into the undergraduate program are not guaranteed placement into the MDS unless they maintain a 3.0 grade point average, have completed all support courses, degree core, and Texas core with a grade of "C-" or better, and met all program requirements. Upon successful completion of the three-year professional program, students will receive a verification statement that certifies their eligibility to take the Commission on Dietetics Registration national examination to become a Registered Dietitian Nutritionist (RDN/RD).

Students enrolled in the Nutrition and Dietetics Program who are not eligible to transition to the Master of Dietetic Studies, may earn the Bachelor of Science degree in Nutrition and Dietetics if they meet the

program and University graduation requirements, but are not eligible for the verification statement to take the national RDN/RD exam.

Academic advising for students seeking the degree is available in the Life and Health Sciences Advising Center.

The minimum number of semester credit hours for this degree, including the Core Curriculum requirements, is 120, at least 39 of which must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

## Admission Policy

Admission to the Coordinated Program in Dietetics is competitive. The program has been approved for a limited number of students by the accrediting organization. Admission into the major as part of a cohort group occurs in the Fall Semester.

The admission requirements into the Nutrition and Dietetics degree are intended to offer a program with high standards for success. Some of the requirements are known to be a good predictor of achievement in the graduate professional phase of the Coordinated Program in Dietetics. Students interested in Nutrition and Dietetics will not be able to be admitted directly into the major because this major cannot be declared as a freshman. Students interested in Nutrition and Dietetics must meet UTSA's general admission requirements and will be admitted into the "Life and Health Science Studies" until all requirements can be met at UTSA.

To declare a major in Nutrition and Dietetics, the following minimum criteria must be met:

- Must complete all support courses and most of the Texas Core requirements with a minimum cumulative grade point average (GPA) of 3.0 (on a 4.0 scale) and be in good standing with the University.
- Must complete all prerequisite courses with a grade of "C-" or better. Detailed information about the courses, including the Texas common course numbers may be obtained from the Undergraduate Catalog.
- Must complete NDT 2043 Introduction to Nutritional Sciences or BIO 2043 Nutrition or equivalent course with a grade of "B-" or better.
- May not repeat a prerequisite course more than twice to meet the grade criteria.
- Must complete all support courses (prerequisite courses) by the end of the summer semester prior to entering the program in the Fall Semester.
- Must submit a program application, transcripts (unofficial), two completed reference forms (program specific) preferably by faculty members, a resume, volunteer summary, and a statement indicating personal career goals, knowledge of the profession, commitment, interests, and motivation.
- Must have a personal interview with the program review committee members (by invitation) and receive a decision letter indicating acceptance.
- Must obtain a criminal background check.

Transfer students must meet all the above criteria and meet all the UTSA undergraduate admission requirements. Students that hold a Bachelor in Dietetics or Nutrition related field must have a verification statement (or an equivalent baccalaureate degree in nutrition and dietetics from a regionally accredited college or university in the United States or have proof of equivalent training at a foreign institution) and will be

expected to complete select undergraduate courses/practicums to meet the program's requirements. Admission is contingent on accreditation requirements and the number of placements available for the advanced practicums. Students that hold a bachelor's degree in an unrelated field would be required to complete all prerequisite courses and all equivalent undergraduate courses/practicums in dietetics and nutrition. Official transcripts from all institutions attended must be submitted.

## Criminal Record Check

A criminal background check is required for admission and during the semesters in which a student enrolls in field-based practicums. Students will be required to complete a Criminal Record Check for practicums associated with schools, healthcare facilities, community organizations, hospitals and clinics. It is the responsibility of the student to determine if his or her criminal history background will present a problem before applying for admission to the program. Students with problematic criminal history will not be able to complete most of the field experiences that are required by the program.

## Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.S. degree in Nutrition and Dietetics must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements. If courses are taken to satisfy both degree requirements and Core Curriculum requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

MAT 1073 should be used to satisfy the core requirement in Mathematics. BIO 1233 or BIO 1404 and BIO 1243 or BIO 1414 should be used to satisfy the Life and Physical Sciences requirements. ANT 1013 or SOC 1013 or PSY 1013 should be used to satisfy the Social and Behavioral Sciences requirement. STA 1053 may be used to satisfy the Component Area Option.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degerequirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
<b>Total Credit Hours</b>	<b>42</b>

## Gateway Course

Students pursuing the Bachelor of Science degree in Nutrition and Dietetics must successfully complete the following Gateway Course with a grade of "C-" or better in no more than two attempts. A student who is unable to successfully complete this course within two attempts, including dropping the course with a grade of "W" or taking an equivalent course at another institution, will be required to change his or her major.

NDT 3413      Advanced Human Nutrition

## Degree Requirements

### A. Degree core requirements

NDT 3191	Applied Food Science Practicum <sup>1</sup>	1
NDT 3203	Introduction to Nutrition and Dietetics Careers	3
NDT 3292	Food Production Practicum <sup>1</sup>	2
NDT 3313	Applied Food Science	3
NDT 3323	Nutrition and Health Assessment	3
NDT 3333	Nutrition Counseling and Education	3
NDT 3343	Nutrition in the Life Span	3
NDT 3353	Production and Foodservice System Management I	3
NDT 3413	Advanced Human Nutrition	3
NDT 4091	Community Service Practicum <sup>1</sup>	1
NDT 4191	Nutrition Care Process Practicum <sup>1</sup>	1
NDT 4313	Production and Food Service System Management II	3
NDT 4323	Medical Nutrition Therapy I	3
NDT 4333	Community Nutrition	3
NDT 4343	Nutrition in Disease Prevention and Health Promotion	3
NDT 4353	Medical Nutrition Therapy II	3
NDT 4363	Current Issues in Nutrition	3

### B. Support courses

BIO 1053 & BIO 1061	Introductory Microbiology and Introductory Microbiology Laboratory	4
BIO 2053 & BIO 2051	Human Anatomy and Physiology I and Human Anatomy and Physiology Laboratory I	4
BIO 2063 & BIO 2061	Human Anatomy and Physiology II and Human Anatomy and Physiology Laboratory II	4
BIO 3513	Biochemistry	3
CHE 1103 & CHE 1121	General Chemistry I and General Chemistry I Laboratory	4
CHE 1113 & CHE 1131	General Chemistry II and General Chemistry II Laboratory	4
CHE 2603 & CHE 2612	Organic Chemistry I and Organic Chemistry I Laboratory	5
MGT 3013	Introduction to Organization Theory, Behavior, and Management	3
NDT 2043	Introduction to Nutritional Sciences	3
PSY 1013	Introduction to Psychology	3
or SOC 1013	Introduction to Sociology	
or ANT 1013	Introduction to Anthropology	
STA 1053	Basic Statistics	3
<b>Total Credit Hours</b>		<b>84</b>

<sup>1</sup> The practicum courses involve traveling off campus to affiliation sites. Check the University Schedule of Classes or with the instructor to plan the rest of the course schedule accordingly.

## Course Sequence Guide for B.S. Degree in Nutrition and Dietetics

This course sequence guide is designed to assist students in completing their UTSA undergraduate degree requirements that are part of

the Coordinated Program in Dietetics. *This is merely a guide and students must satisfy other admission requirements for the Coordinated Program in Dietetics; and meet with their advisor for individualized degree plans.* Progress within this guide depends upon such factors as course availability, individual student academic preparation, student time management, work obligations, and individual financial considerations. Students may choose to take core and support courses during Summer terms to reduce course loads during long semesters. Courses in the Nutrition and Dietetics Program are only offered once a year, according to the guide below.

### B.S. in Nutrition and Dietetics – Recommended Four-Year Academic Plan

#### First Year

Fall		Credit Hours
AIS 1203	Academic Inquiry and Scholarship (core)	3
BIO 1233 or BIO 1404	Contemporary Biology I (core) or Biosciences I	3
CHE 1103	General Chemistry I	3
CHE 1121	General Chemistry I Laboratory	1
MAT 1073	Algebra for Scientists and Engineers (core)	3
WRC 1013	Freshman Composition I (core)	3
Credit Hours		16

#### Spring

BIO 1243 or BIO 1414	Contemporary Biology II (core) or Biosciences II	3
CHE 1113	General Chemistry II	3
CHE 1131	General Chemistry II Laboratory	1
WRC 1023	Freshman Composition II (core)	3
American History core		3
Government-Political Science core		3
Credit Hours		16

#### Second Year

Fall		Credit Hours
BIO 1053	Introductory Microbiology	3
BIO 1061	Introductory Microbiology Laboratory	1
BIO 2053	Human Anatomy and Physiology I	3
BIO 2051	Human Anatomy and Physiology Laboratory I	1
CHE 2603	Organic Chemistry I	3
CHE 2612	Organic Chemistry I Laboratory	2
American History core		3
Credit Hours		16

#### Spring

BIO 2063	Human Anatomy and Physiology II	3
BIO 2061	Human Anatomy and Physiology Laboratory II	1
BIO 3513	Biochemistry	3
MGT 3013	Introduction to Organization Theory, Behavior, and Management	3
NDT 2043 or BIO 2043	Introduction to Nutritional Sciences or Nutrition	3

PSY 1013 or SOC 1013 or ANT 1013	Introduction to Psychology (core and major) or Introduction to Sociology or Introduction to Anthropology	3
Credit Hours		16

#### Third Year

##### Fall

NDT 3191	Applied Food Science Practicum	1
NDT 3203	Introduction to Nutrition and Dietetics Careers	3
NDT 3313	Applied Food Science	3
NDT 3413	Advanced Human Nutrition	3
STA 1053	Basic Statistics (core and major)	3
Credit Hours		13

##### Spring

NDT 3292	Food Production Practicum <sup>1</sup>	2
NDT 3323	Nutrition and Health Assessment	3
NDT 3333	Nutrition Counseling and Education	3
NDT 3343	Nutrition in the Life Span	3
NDT 3353	Production and Foodservice System Management I	3
Credit Hours		14

#### Fourth Year

##### Fall

NDT 4091	Community Service Practicum <sup>1</sup>	1
NDT 4313	Production and Food Service System Management II	3
NDT 4323	Medical Nutrition Therapy I	3
NDT 4333	Community Nutrition	3
Government-Political Science core		3
Language, Philosophy & Culture core		3
Credit Hours		16

##### Spring

NDT 4191	Nutrition Care Process Practicum <sup>1</sup>	1
NDT 4343	Nutrition in Disease Prevention and Health Promotion	3
NDT 4353	Medical Nutrition Therapy II	3
NDT 4363	Current Issues in Nutrition	3
Creative Arts core		3
Credit Hours		13
Total Credit Hours		120

<sup>1</sup> The practicum courses involve traveling off campus to affiliation sites. Check the University Schedule of Classes or with the instructor to plan the rest of the course schedule accordingly.

Note: NDT courses are only offered once a year; Fall or Spring semester based on the plan above.

## Nutrition and Dietetics (NDT) Courses

### **NDT 2043. Introduction to Nutritional Sciences. (3-0) 3 Credit Hours.**

Prerequisite: BIO 1233 or BIO 1404. Basic concepts related to the classification and functions of nutrients; the process of digestion, absorption, transport, utilization, and storage of nutrients in humans and the interaction between diet and health. (Credit cannot be earned for both NDT 2043 and BIO 2043.) Generally offered: Fall, Spring. Course Fees: DL01 \$75; LRHC \$10; STHC \$18.

### **NDT 3191. Applied Food Science Practicum. (0-3) 1 Credit Hour.**

Prerequisites: BIO 1053, CHE 1103, CHE 1113, and NDT 2043 or equivalent. Corequisite: Concurrent enrollment in NDT 3313 or permission of faculty advisor. The application of concepts related to the chemical, physical, sensory, and nutritional properties of food in menu planning, food preparation, and recipe modification. Generally offered: Fall. Course Fees: DNMF \$225; LRHC \$10; STHC \$6.

### **NDT 3203. Introduction to Nutrition and Dietetics Careers. (3-0) 3 Credit Hours.**

Prerequisite: Nutrition and Dietetics majors only. General overview of nutrition and dietetics as a profession, including career opportunities, scope of practice, credentialing, code of ethics, and collaboration with other disciplines. Self-directed modules on medical terminology, word roots, prefixes and suffixes will be integrated into the course content. Generally offered: Fall. Course Fees: DL01 \$75; LRHC \$10; STHC \$18.

### **NDT 3292. Food Production Practicum. (0-6) 2 Credit Hours.**

Prerequisite: Nutrition and Dietetics majors only. Corequisite: Concurrent enrollment in NDT 3353 or permission of faculty advisor. Practicum related to the procurement, preparation, and delivery of food in large foodservice operations. Generally offered: Spring. Course Fees: DNPF \$40; LRHC \$10; STHC \$12.

### **NDT 3313. Applied Food Science. (3-0) 3 Credit Hours.**

Prerequisites: BIO 1053, CHE 1103, CHE 1113, and NDT 2043 or equivalent. Concurrent enrollment in NDT 3191 is recommended. Concepts related to the chemical, physical, sensory, and nutritional properties of food in menu planning, food preparation, and recipe modification. Generally offered: Fall. Course Fees: LRHC \$10; STHC \$18.

### **NDT 3323. Nutrition and Health Assessment. (3-0) 3 Credit Hours.**

Prerequisites: Nutrition and Dietetics majors and minors only, and NDT 2043 or equivalent. Methods, tools, and interpretation of data in assessing the nutritional status of individuals including dietary, anthropometric, biochemical, and clinical assessment, as well as other measurements of health in individuals and the community. Generally offered: Spring. Course Fees: LRHC \$10; STHC \$18.

### **NDT 3333. Nutrition Counseling and Education. (3-0) 3 Credit Hours.**

Prerequisites: Nutrition and Dietetics majors only, and NDT 2043 or equivalent. Discussion of theories of learning and behavior modification, models and techniques, communication skills, evaluation methods, and cultural competence in nutrition counseling and education; and application of concepts to facilitate behavioral change. Generally offered: Spring. Course Fees: LRHC \$10; STHC \$18.

### **NDT 3343. Nutrition in the Life Span. (3-0) 3 Credit Hours.**

Prerequisites: Nutrition and Dietetics majors and minors only, and NDT 2043 or equivalent and Human Physiology. Nutritional needs during various stages of the lifecycle as influenced by physiologic, cultural, and environmental factors. Course Fees: LRHC \$10; STHC \$18.

### **NDT 3353. Production and Foodservice System Management I. (3-0) 3 Credit Hours.**

Prerequisites: Nutrition and Dietetics majors only, and NDT 3313 or equivalent; concurrent enrollment in NDT 3292 is recommended. Principles related to the menu planning, food sanitation and safety, procurement, production, marketing, and materials management in foodservice operations. Generally offered: Spring. Course Fees: LRHC \$10; STHC \$18.

### **NDT 3413. Advanced Human Nutrition. (3-0) 3 Credit Hours.**

Prerequisites: Nutrition and Dietetics majors and minors only, and NDT 2043 or equivalent and Biochemistry. Advanced discussion of nutrient structure, function and interaction, metabolic pathways, and regulation and integration of metabolism. Course Fees: LRHC \$10; STHC \$18.

### **NDT 4091. Community Service Practicum. (0-3) 1 Credit Hour.**

Prerequisite: Nutrition and Dietetics majors only. Corequisite: NDT 4333 is recommended or with permission of faculty advisor. Application of learned strategies in meaningful community service through collaborative tasks performed at various community programs. Service learning activities are aimed at enriching the life experiences of students through civic responsibility and community outreach. Course Fees: DNPF \$20; LRHC \$10; STHC \$6.

### **NDT 4191. Nutrition Care Process Practicum. (0-3) 1 Credit Hour.**

Prerequisite: Nutrition and Dietetics majors only. Corequisite: Concurrent enrollment in NDT 4353 is required. A problem-based approach to dietetics practice using case simulations and studies; application of basic nutritional assessment skills, nutritional diagnosis, intervention, and monitoring in different settings; practice skills in counseling and nutrition education. Course Fees: DNPF \$20; LRHC \$10; STHC \$6.

### **NDT 4313. Production and Food Service System Management II. (3-0) 3 Credit Hours.**

Prerequisites: Nutrition and Dietetics majors only, and NDT 3353 and NDT 3292 or equivalent. Theories and principles related to the foodservice, systems management including leadership, decision-making, human resources, and financial management of operations. Course Fees: DL01 \$75; LRHC \$10; STHC \$18.

### **NDT 4323. Medical Nutrition Therapy I. (3-0) 3 Credit Hours.**

Prerequisites: Nutrition and Dietetics majors only, and NDT 3323 and NDT 3333 or equivalent. Pathophysiology and the application of the nutritional care process in the treatment of simple human diseases and conditions, part 1. Course Fees: LRHC \$10; STHC \$18.

### **NDT 4333. Community Nutrition. (3-0) 3 Credit Hours.**

Prerequisite: NDT 2043 or equivalent. Nutrition-related issues in public health, various community resources, agencies, and programs involved in health promotion and disease prevention. Course Fees: LRHC \$10; STHC \$18.

### **NDT 4343. Nutrition in Disease Prevention and Health Promotion. (3-0) 3 Credit Hours.**

Prerequisites: NDT 2043 and NDT 4333. An evidence-based analysis as it relates to diet/nutrition in the prevention of chronic diseases; and fundamental concepts in the promotion of health among individuals and groups. Course Fees: LRHC \$10; STHC \$18.

### **NDT 4353. Medical Nutrition Therapy II. (3-0) 3 Credit Hours.**

Prerequisites: Nutrition and Dietetics majors only, and NDT 4323. Continuation of Advanced Medical Nutrition I; and review of the pathophysiology and the application of the nutritional care process in the treatment of more complex human disease and conditions. Course Fees: LRHC \$10; STHC \$18.

**NDT 4363. Current Issues in Nutrition. (3-0) 3 Credit Hours.**

Prerequisites: NDT 2043 or equivalent; must have senior or graduate standing. In-depth discussion and analysis of emerging trends, concepts, and controversies in nutritional sciences, including application of evidence-based principles in the discussion. Course Fees: LRHC \$10; STHC \$18.

**NDT 4943. Special Studies in Nutrition and Dietetics. (3-0) 3 Credit Hours.**

Prerequisite: Consent of Instructor. Organized course offering the opportunity for specialized study in an area of nutrition and dietetics not available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. Course Fees: LRHC \$10; STHC \$18.

**NDT 4951. Independent Study in Nutrition and Dietetics. (0-0) 1 Credit Hour.**

Prerequisite: NDT 2043 or equivalent. An exploration of topics of interest to the student in Nutrition and Dietetics. Students work under the close supervision of a faculty member to conduct research, intense study, or a project related to the selected topic. May be repeated for credit, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. Course Fee: STHC \$6.

**NDT 4953. Independent Study in Nutrition and Dietetics. (0-0) 3 Credit Hours.**

Prerequisite: NDT 2043 or equivalent. An exploration of topics of interest to the student in Nutrition and Dietetics. Students work under the close supervision of a faculty member to conduct research, intense study, or a project related to the selected topic. May be repeated for credit, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. Course Fee: STHC \$18.