

Human Nutrition - Dietetics

Department of Nutrition

303.615.0990

Students who attain a Bachelor of Science degree with a major in Human Nutrition – Dietetics will be prepared for traditional, non-traditional, and entrepreneurial positions in health care that utilize knowledge of nutrition. Professionals trained in nutrition have numerous career options due to the growing emphasis on nutrition, health and wellness.

The Human Nutrition – Dietetics Major includes a didactic program in dietetics (DPD) which has been granted Accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312-899-0040 ext. 5400, acend@eatright.org. Completion of a DPD program is one step required in the process for becoming a registered dietitian (RD). To become a registered dietitian, students must also apply for and complete an accredited internship program and pass a national examination administered by the Commission on Dietetic Registration.

Students must earn a grade of “C-” or better in all courses required for the major in order to progress through the program. Courses with grades less than “C-” will need to be repeated in order for the student to take any other courses for which the first course is a prerequisite. All general requirements of the University for a Bachelor of Science degree must be met prior to graduation. In addition, students must maintain a minimum cumulative GPA of 2.0 and GPA of 3.0 or higher in the HND major.

The Human Nutrition – Dietetics major is housed in the Nutrition Department. Students enrolling in the major must confer with a department advisor as soon as possible. For more information call 303-615-0990.

General Studies Course Requirements

<u>Quantitative Literacy (3 hours required for graduation; 4 hours required by major):</u>		
MTH	1210 Introduction to Statistics	4
<u>Written Communication (6 hours required):</u>		
ENG	1010 Composing Arguments	3
ENG	1020 Freshman Composition: Analysis, Research, and Documentation	3
<u>Oral Communication (3 hours required):</u>		
(Course chosen by student)		3
<u>Historical (3 hours required; also see Global Diversity requirement below):</u>		
(Course chosen by student)		3
<u>Arts and Humanities (6 hours required):</u>		
(Courses chosen by student)		6
<u>Natural and Physical Sciences (6 hours required for graduation; 9 hours required by major):</u>		
BIO	1080 General Biology I	3
BIO	1090 General Biology Laboratory I	1
CHE	1100 Principles of Chemistry	4
CHE	1150 Principles of Chemistry Laboratory	1
<u>Social and Behavioral Sciences I (3 hours required):</u>		
(Courses chosen by student)		3
<u>Social and Behavioral Sciences II (3 hours required):</u>		
PSY	1001 Introductory Psychology	3
<u>Global Diversity (3 hours required):</u>		
It is recommended that students choose a course in the Historical General Studies category that also fulfills the Global Diversity requirement. Refer to the catalog for appropriate courses.		
Total general studies hours for major		37

Human Nutrition – Dietetics Major for Bachelor of Science

REQUIRED COURSES			SEMESTER HOURS
BIO	2310	Human Anatomy and Physiology I	4
BIO	2320	Human Anatomy and Physiology II	4
CHE	2100	Introduction to Organic and Biological Chemistry	4
CHE	2150	Introduction to Organic and Biological Chemistry Lab.....	1
HCM	3010	Health Care Organization	3
HCM	3020	Management Principles in Health Care.....	3
HTE	1533	Food Fundamentals.....	3
HTE	1603	Food Science.....	3
HTE	2613	Food Production and Service I.....	3
HTE	3603	Labor and Production Control.....	3
NUT	1800	Careers in Nutrition and Dietetics	1
NUT	2040	Introduction to Nutrition.....	3
NUT	3140	Human Nutrition	3
NUT	3290	Lifecycle Nutrition for Majors	3
NUT	3300*	Cultural Aspects of Nutrition	3
NUT	3400	Nutrition and Weight Management.....	3
NUT	3500	Food Safety	3
NUT	3700	Nutrition Education and Counseling	3
NUT	4100	Advanced Human Nutrition.....	3
NUT	4210	Community Nutrition	3
NUT	4700	Medical Nutrition Therapy I.....	3
NUT	4720	Pre-Professional Seminar in Nutrition and Dietetics (Senior Experience).....	3
NUT	4750	Medical Nutrition Therapy II	3
Total hours for major			68

* This course satisfies the Multicultural Requirement and is also a required course for this major.

What Can I do with A Bachelor's Degree in NUTRITION?

CLINICAL: Work to safeguard health and change nutrition behaviors in settings such as: hospitals, clinics, nursing homes, diabetes care clinics, and exercise and fitness centers

PUBLIC HEALTH NUTRITION: Work to safeguard the health of groups of people: federal, state, and local government such as Peace Corps and WIC; private public health programs

FOOD SERVICE MANAGEMENT: Provide leadership in the hospitals, schools, and restaurants in: Menu development & planning, budgeting, purchasing, management

INDUSTRY: Work with food and nutrition oriented companies to: Formulate new food products, develop marketing campaigns, and provide health programs

CONSULTING: Build your own health and nutrition business providing: Nutritional counseling, education and programming, writing & communications

TEACHING: Provide nutrition education in community, wellness, school and healthcare settings.

**For More Information, Contact a Nutrition Program Advisor by calling
303-615-0990 <http://www.msudenver.edu/nut>**

Course Sequence for a Major in Human Nutrition – Dietetics

*Requirements are subject to change, see an advisor

First Year		
Courses	Hours	
Fall		
ENG 1010, Composing Arguments (GS-Written Communication)	3	
MTH 1210, Introduction to Statistics (GS-Quantitative Literacy)	4	
BIO 1080, General Biology I (GS-Natural and Physical Sciences)	3	
BIO 1090, General Biology Laboratory I (GS-Natural and Physical Sciences)	1	
HTE 1533, Food Fundamentals	3	
Spring		
NUT 1800, Careers in Nutrition and Dietetics		1
ENG 1020, Freshman Composition: Analysis, Research, and Documentation (GS-Written Communication)		3
Oral Communication Requirement (GS-Oral Communication)		3
HTE 1603, Food Science		3
CHE 1100, Principles of Chemistry (GS-Natural and Physical Sciences)		4
CHE 1150, Principles of Chemistry Laboratory (GS-Natural and Physical Sciences)		1
	Total	14 15

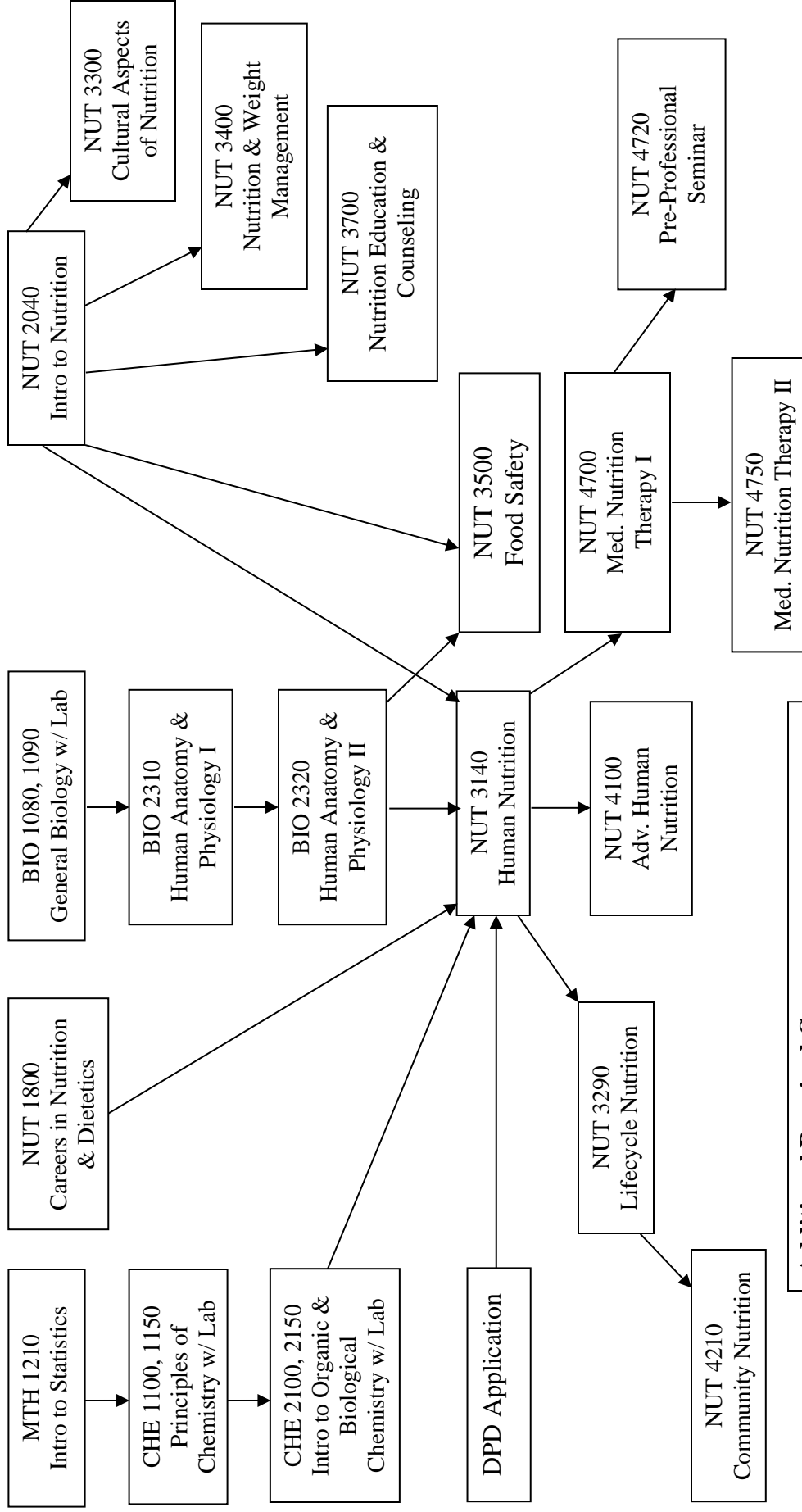
Second Year		
Courses	Hours	
Fall		
NUT 2040, Introduction to Nutrition	3	
PSY 1001, Introductory Psychology	3	
BIO 2310, Human Anatomy and Physiology I	4	
HTE 2613, Food Production and Service I	3	
HCM 3010, Health Care Organization	3	
Spring		
NUT 3400, Nutrition and Weight Management		3
CHE 2100, Introduction to Organic and Biological Chemistry		4
CHE 2150, Introduction to Organic and Biological Chemistry Lab		1
BIO 2320, Human Anatomy and Physiology II		4
GS-Social and Behavioral Sciences I		3
	Total	16 15

Third Year		
Courses	Hours	
Fall		
Arts and Humanities Requirement (GS-Arts and Humanities)	3	
Historical Requirement (GS-Historical; recommended to select course that also meets Global Diversity requirement)	3	
NUT 3140, Human Nutrition	3	
NUT 3300, Cultural Aspects of Nutrition (Multicultural)	3	
NUT 3700, Nutrition Education and Counseling	3	
Spring		
NUT 3500, Food Safety		3
NUT 3290, Lifecycle Nutrition for Majors		3
Arts and Humanities Requirement (GS-Arts and Humanities)		3
HCM 3020, Management Principles in Health Care		3
HTE 3603, Labor and Production Control		3
Total	15	15

Fourth Year		
Courses	Hours	
Fall		
NUT 4100, Advanced Human Nutrition	3	
NUT 4700, Medical Nutrition Therapy I	3	
Electives		9
Spring		
NUT 4720, Pre-Professional Seminar in Nutrition and Dietetics (Senior Experience)		3
NUT 4750, Medical Nutrition Therapy II		3
NUT 4210, Community Nutrition		3
Electives		6
Total	15	15

Written Communication (first 3 credits), Oral Communication, and Quantitative Literacy requirements must be completed within the first 30 credits. The remaining 3 credits of Written Communication coursework must be completed within the first 45 credits. All General Studies requirements must be completed within the first 90 credits.

HND Degree Pathway



Additional Required Courses

HCM 3010- Health Care Organization
 HCM 3020*- Management Principles in Healthcare
 HTE 1533- Food Fundamentals
 HTE 1603*- Food Science
 HTE 2613*- Food Production and Service 1
 HTE 3603- Labor and Production Control
 PSY 1001- Introductory Psychology

*Pre-requisites required

Note: If pursuing a master's degree, additional coursework may be required. For example, a master's degree in Nutrition Science generally requires general chemistry (CHE 1800/1801, 1810/1811), organic chemistry (CHE 3100), and biochemistry (CHE 4310). Please consult with the master's degree program for requirements and a nutrition advisor for substituting those courses in the HND degree.