

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 Candidacy for Accreditation by the Commission on Accreditation of Dietetics Programs (CADE), 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312-899-0040 ext. 5400, cade@eatright.org. Students enrolled in the MSU Denver DPD program are considered students in a CADE accredited program. 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 major GPA of 2.5.

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

Mathematics (4 hours required):

MTH 1210 Introduction to Statistics 4

Composition (6 hours required):

ENG 1010 Freshman Composition: The Essay 3

ENG 1020 English Composition: Analysis, Research, and Documentation 3

Communications (3 hours required):

(Course chosen by student) 3

Historical (3 hours required):

(Course chosen by student) 3

Arts & Letters (6 hours required):

(Courses chosen by student) 6

Natural Science (6 hours required for graduation; 9 hours required by major):

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

Social Sciences (6 hours required):

SOC 1010 Introduction to Sociology 3

ECO 2020 Principles of Economics-Micro 3

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	5
COM 2610 Introduction to Technical Writing	3
HCM 3010 Health Care Organization	3
HCM 3020 Management Principles in Health Care.....	3
HCM 3500 Health Care Research Methods.....	3
HES 2150 Complementary and Alternative Medical Therapies.....	3
HES 3820 Healthcare Counseling.....	3
HTE 1533 Food Selection and Identification.....	3
HTE 1603 Food Preparation and Sanitation	3
HTE 2613 Food Production and Service I.....	3
HTE 3603 Labor and Production Control	3
HTE 3773 Cultural Foods Lab	1
NUT 1040 Introduction to Professions in Nutrition and Dietetics.....	1
NUT 2040 Introduction to Nutrition.....	3
NUT 3080 Maternal and Child Nutrition	3
NUT 3100 Nutrition and Aging.....	3
NUT 3210 Community Nutrition.....	3
NUT 3300* Cultural Aspects of Nutrition	3
NUT 3400 Nutrition and Weight Management.....	3
NUT 4100 Advanced Human Nutrition.....	3
NUT 4700 Therapeutic Diets I.....	3
NUT 4720 Pre-Professional Seminar in Nutrition and Dietetics	1
NUT 4750 Therapeutic Diets II (Senior Experience)	3
Total hours for major	73

* 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 303.352.7008

<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
ENG 1010, Freshman Composition: The Essay (GS-Composition)	3
SOC 1010, Introduction to Sociology (GS-Social Sciences)	3
BIO 1080, General Biology I (GS-Natural Science)	3
BIO 1090, General Biology Laboratory I (GS-Natural Science)	1
MTH 1210, Introduction to Statistics (GS-Mathematics)	3
Communications Requirement (GS-Communications)	3
NUT 1040, Introduction to Professions in Nutrition and Dietetics	1
ENG 1020, Freshman Composition: Analysis, Research, and Documentation (GS-Composition)	3
HTE 1533, Food Selection and Identification	4
HTE 1603, Food Preparation and Sanitation	3
CHE 1100, Principles of Chemistry (GS-Natural Science)	4
CHE 1150, Principles of Chemistry Laboratory	1
Total	16 16

Second Year	
Courses	Hours
NUT 2040, Introduction to Nutrition	3
CHE 2100, Introduction to Organic and Biological Chemistry	5
BIO 2310, Human Anatomy and Physiology I	4
Historical Requirement (GS-Historical)	3
ECO 2020, Principles of Economics-Micro (GS-Social Sciences)	3
COM 2610, Introduction to Technical Writing	3
BIO 2320, Human Anatomy and Physiology II	4
Elective(s)	5
Total	15 15

Third Year	
Courses	Hours
HCM 3010, Health Care Organization	3
NUT 3080, Maternal and Child Nutrition	3
NUT 3300, Cultural Aspects of Nutrition (Multicultural)	3
HTE 2613, Food Production and Service I	3
Elective	2
NUT 3400, Nutrition and Weight Management	3
HES 3820, Health Care Counseling	3
HCM 3020, Management Principles in Health Care	3
HES 2150, Complementary and Alternative Medical Therapies	3
Arts and Letters Requirement (GS)	3
Total	14 15

Fourth Year	
Courses	Hours
HCM 3500, Health Care Research Methods	3
NUT 3100, Nutrition and Aging	3
NUT 4100, Advanced Human Nutrition	3
NUT 4700, Therapeutic Diets I	3
Arts and Letters Requirement(GS)	3
NUT 4720, Pre-Professional Seminar in Nutrition and Dietetics	1
NUT 4750, Therapeutic Diets II (Senior Experience)	3
NUT 3210, Community Nutrition	3
HTE 3773, Cultural Foods Lab	1
HTE 3603, Labor and Production Control	3
Elective	3
Total	16 13

Along with science and math requirements, composition, and communications must be completed in the first two years.

Suggested Elective Options Currently Offered at MSU Denver include:

NUT 3200-3, Nutrition and Sports Performance

BIO 3340-3, Endocrinology (prerequisites: BIO 1081, 1091; CHE 1800, 1810, 1850, 3100) BIO 3350-4, Immunology (prerequisites: BIO 1081, 1091; CHE 1800, 1810, 1850, 3100)

HCM 4030-3, Financial Management in Health Care (ACC 2010, a departmentally approved computer course, or permission of instructor)

HES 1230-2 Medical Terminology

HES 3600-3, Ethical Decision Making in Health Care

HES 3750-3, Clinical Pathophysiology I

HES 4750-3, Clinical Pathophysiology II (prerequisite: HES 3750) HES 3400-3, Stress: Physiology, Pathophysiology, and Treatment

HPS 1640-2, Physical Fitness Techniques

HPS 3340-3, Physiology of Exercise (prerequisite: HPS 1640) HTE 3623-3, Food Production and Service II

(Prerequisites for courses not required by this major are identified)