

BACHELOR OF SCIENCE IN APPLIED SCIENCE IN FOOD AND NUTRITION COORDINATED PROGRAM IN DIETETICS (REGISTRATION ELIGIBLE)

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The Pre MPH-DFM (BSAS Food and Nutrition-Graduate track) is an upper-division generalist dietetics program with an emphasis in community wellness. The program prepares students for professional practice and leads to eligibility for graduates to sit for the examination to become Registered Dietitian Nutritionists (RDN) and Licensed Dietitians in the state of Ohio. During the four-semester program, each student accrues supervised practice hours covering medical nutrition therapy, community nutrition and wellness, maternal and child, foodservice, and aging in addition to public health preparation.

A community wellness emphasis has been identified as a need in the regional area that Youngstown State University serves. Graduates of the Master's in Public Health/Dietetics Future Model Track will be positioned to assume major roles in community health programs. The program is currently accredited through the Accreditation Council for Education in Nutrition and Dietetics (ACEND) within the Academy of Nutrition and Dietetics (AND).

Accreditation Council for Education in Nutrition and Dietetics (<http://www.eatright.org/ACEND/>)
120 South Riverside Plaza, Suite 2000
Chicago, IL 60606-6995
(312) 899-0040 Ext. 5400

Admission to the MPH-DFM is restricted since only 12 students can be accommodated. Satisfactory completion of a minimum of 65 semester hours (to qualify for junior status) is required before the student can apply to the program. Detailed information regarding criteria and procedures is available from the Department of Health Professions. Students are accepted to the MPH-DFM on an ongoing basis and start the program during summer or fall semester.

Upon satisfactory completion of the MPH-RDN, graduates are issued a verification statement that confirms eligibility to take the Commission on Dietetic Registration (CDR) registration examination for dietitians. Graduates who pass the registration examination are entitled to use the RDN credential to signify professional competence in the field of Dietetics.

For more information, visit

COURSE	TITLE	S.H.
FIRST YEAR REQUIREMENT -STUDENT SUCCESS		
YSU 1500	Success Seminar	1-2
or SS 1500	Strong Start Success Seminar	
or HONR 1500	Intro to Honors	
General Education Requirements		
ENGL 1550	Writing 1	3-4
or ENGL 1549	Writing 1 with Support	
ENGL 1551	Writing 2	3
CMST 1545	Communication Foundations	3

STAT 2625	Statistical Literacy and Critical Reasoning (STAT 2625 will replace MATH 2623)	4
Arts & Humanities (6 s.h.)		6
Natural Science (2 courses; one with lab) (6-7 s.h.)		
CHEM 1510 & 1510L	Chemistry for the Allied Health Sciences and Chemistry for the Allied Health Sciences Laboratory	4
BIOL 1551	Anatomy and Physiology 1	3
BIOL 1551L	Anatomy and Physiology 1 Laboratory	1
Social Science (6 s.h.)		
SOC 1500	Introduction to Sociology	3
PSYC 1560	General Psychology	3
Social & Personal Awareness (6 s.h.)		
FNUT 1551	Normal Nutrition	3
GERO 3745	Sociology of Health, Illness, and Healthcare	3
or GERO 3703	Aging and Society	
Major Accreditation Requirements		
ACCT 1503	Elementary Accounting	3
or HMG 2603	Hospitality Managerial Accounting 1	
COUN 2651	Foundations of Helping Skills for Human Ecology Professionals	2
or COUN 2650	Foundations of Helping Skills for Allied Health Professionals	
BIOL 1552	Anatomy and Physiology 2	4
BIOL 1552L	Anatomy and Physiology 2 Laboratory	0
BIOL 1560	Microbiology for the Health Professions	2
BIOL 1560L	Microbiology Laboratory for Health Professions	1
MGT 3725	Fundamentals of Management	3
Major Courses		
FNUT 1512	Food Safety and Sanitation	2
FNUT 1553	Food Science and Management Principles	3
FNUT 1553L	Food Science and Management Principles Laboratory	1
FNUT 2600	Orientation to Dietetics Major	1
FNUT 2603L	Medical Nutrition Therapy 1 Lab	1
FNUT 2612	Food Systems: Operation, Production, and Service	3
FNUT 2612L	Food Systems: Operations, Production, and Service Laboratory	2
FNUT 2652L	Nutrition Assessment Laboratory	1
FNUT 3735	Nutritional Biochemistry	2
KSS 1500	Physical Activity Core Concepts	1
KSS 1524	Physical Fitness and Exercise Program (Students need 2 hours KSS. Any combination of two hours. Courses listed are suggestions)	1
FNUT 3759	Advanced Nutrition	3
FNUT 3760	Medical Nutrition Therapy 2	3
FNUT 3760L	Medical Nutrition Therapy 2 Laboratory	3
FNUT 3760R	Medical Nutrition Therapy 2 Laboratory Recitation	2
FNUT 3761	Science of Nutrition in Exercise	3
FNUT 4802	Research Methods in Dietetics	2
FNUT 4802L	Research Methods in Dietetics Laboratory	1
FNUT 4810	Experimental Foods	2
FNUT 4810L	Experimental Foods Laboratory	1
FNUT 4858	Food Service Systems Management	4
FNUT 4858L	Food Systems Management Laboratory	3
FNUT 4860	Medical Nutrition Therapy 3	3
FNUT 4860L	Medical Nutrition Therapy 3 Lab	3
FNUT 4872	Maternal and Child Nutrition	2
FNUT 4873	Nutrition and Aging	2

FNUT 4874	Community Nutrition and Wellness	3
FNUT 4874L	Community Nutrition and Wellness Experience	3
FNUT 5862	Food and Culture	2
FNUT 5862L	Food and Cultures Laboratory	1
HAHS 5875	Interprofessional Education for Health Professions	3
MATC 1501	Medical Terminology	3
MATC 2605	Introduction to Pharmacology	3

Total Semester Hours 128-130

Year 1

Fall		S.H.
YSU 1500	Success Seminar	1-2
or SS 1500	or Strong Start Success Seminar	
or HONR 1500	or Intro to Honors	
BIOL 1551	Anatomy and Physiology 1	3
BIOL 1551L	Anatomy and Physiology 1 Laboratory	1
ENGL 1550	Writing 1	3-4
or ENGL 1549	or Writing 1 with Support	
CHEM 1510 & 1510L	Chemistry for the Allied Health Sciences and Chemistry for the Allied Health Sciences Laboratory	4
FNUT 1551	Normal Nutrition	3

Semester Hours 15-17

Spring

ENGL 1551	Writing 2	3
FNUT 1553	Food Science and Management Principles	3
FNUT 1553L	Food Science and Management Principles Laboratory	1
FNUT 2600	Orientation to Dietetics Major	1
STAT 2625	Statistical Literacy and Critical Reasoning	4
PSYC 1560	General Psychology	3
FNUT 2652L	Nutrition Assessment Laboratory	1

Semester Hours 16

Year 2

Fall		
CMST 1545	Communication Foundations	3
COUN 2651	Foundations of Helping Skills for Human Ecology Professionals (F)	2
BIOL 1552	Anatomy and Physiology 2	4
ACCT 1503	Elementary Accounting	3
FNUT 1512	Food Safety and Sanitation	2
BIOL 1552L	Anatomy and Physiology 2 Laboratory	0
BIOL 1560	Microbiology for the Health Professions	2
BIOL 1560L	Microbiology Laboratory for Health Professions (Students may take HMG 2603 in place of ACCT 1503; either is acceptable)	1

Semester Hours 17

Spring		
FNUT 2603L	Medical Nutrition Therapy 1 Lab (F,S)	1
FNUT 2612	Food Systems: Operation, Production, and Service	3
FNUT 2612L	Food Systems: Operations, Production, and Service Laboratory	2
SOC 1500	Introduction to Sociology	3
FNUT 3735	Nutritional Biochemistry (S)	2
MATC 2605	Introduction to Pharmacology	3

Semester Hours 14

Year 3

Fall		
FNUT 3759	Advanced Nutrition (F)	3
FNUT 4858	Food Service Systems Management	4
FNUT 3761	Science of Nutrition in Exercise	3
SOC 3745	Sociology of Health, Illness, and Healthcare (or SOC 3703 or SPA Elective)	3
KSS 1500	Physical Activity Core Concepts	1
KSS 1524	Physical Fitness and Exercise Program (Or 2 1ch KSS activity course)	1

Semester Hours 15

Spring

FNUT 4810	Experimental Foods	2
Art & Humanities Elective		3
FNUT 5862	Food and Culture	2
FNUT 5862L	Food and Cultures Laboratory	1
FNUT 4874	Community Nutrition and Wellness	3
MATC 1501	Medical Terminology	3
MGT 3725	Fundamentals of Management	3

Semester Hours 17

Year 4

Fall		
FNUT 4802	Research Methods in Dietetics	2
FNUT 4810L	Experimental Foods Laboratory	1
FNUT 4858L	Food Systems Management Laboratory (F)	3
FNUT 3760	Medical Nutrition Therapy 2	3
FNUT 3760R	Medical Nutrition Therapy 2 Laboratory Recitation	2
FNUT 3760L	Medical Nutrition Therapy 2 Laboratory	3
ART AND HUMANITIES ELECTIVE		3

Semester Hours 17

Spring

FNUT 4872	Maternal and Child Nutrition (S)	2
FNUT 4874L	Community Nutrition and Wellness Experience (F)	3
FNUT 4873	Nutrition and Aging	2
FNUT 4860	Medical Nutrition Therapy 3	3
FNUT 4860L	Medical Nutrition Therapy 3 Lab	3
FNUT 4802L	Research Methods in Dietetics Laboratory	1
HAHS 5875	Interprofessional Education for Health Professions (Must take for Graduate Credit)	3

Semester Hours 17

Total Semester Hours 128-130

F – Offered in the fall semester S – Offered in the spring semester X – Offered in the summer semester

Learning Outcomes

At the completion of the Pre-MPH-RDN program, graduates will be able to:

- Effectively integrate biochemical concepts into dietetics practice.
- Effectively integrate physiological concepts into dietetics practice.
- Effectively apply theory from the social sciences to dietetics practice.
- Effectively present results of research study.
- Effectively apply concepts from food, nutrition, management, and health care systems to dietetics practice.
- Practice effectively as members of an interdisciplinary team.
- Demonstrate competency in medical nutrition therapy.

- Demonstrate competency in foodservice management practice.
- Demonstrate competency in community nutrition practice.