



Nutrition & Foods

Department of Nutrition and Exercise Physiology

Degree Program Requirements

Degree program requirements include General Education courses, HES College requirements, and Professional Program courses. Admission requirements include a minimum cumulative grade point average of 3.2 on a 4.0 scale and completion of the following prerequisite courses: 15-20 hours of general education requirements, human physiology with laboratory, organic chemistry with laboratory, biochemistry, basic nutrition with physiology and chemistry prerequisites, and food preparation with chemistry prerequisite.

GENERAL EDUCATION

*English: 3 hours

- ENGLSH 1000: Exposition and Argumentation
Two writing intensive courses: One must be in the major.
Prerequisite: Eng 1000
- NEP 4951 Research in Dietetics SPE (WI) (1)
- _____

*Mathematics: 3 hours

- MATH 1100: College Algebra
Math Reasoning Proficiency course. Prerequisite: MATH 1100 with a grade in the C range.
- FINPLN 2183 or ESC PS 4170

American Government: 3 hours

- HIST 1100, 1200, 1400, 2210, 2440, 4000, 4220, 4230, or POL SC 1100, 1700, 2100

Distribution of Content: 27 hours

- 9 hours of Biological, Physical, and/or Mathematical Science with at least one biological or physical science and its related laboratory. Two different areas of science must be completed.
- 9 hours Social and Behavioral Sciences with at least one course from each area.
- 9 hours Humanities and/or Fine Arts including at least one course from two different departments. (Foreign language is an exception. A minimum of 12-13 hours of the same foreign language must be taken.)
- Choose at least one course numbered 2000 or higher in **two** of the areas of distribution.
- The list of courses approved for the Distribution of Content may be found at this URL: <http://generaleducation.missouri.edu/requirements/>

Biological, Mathematical and Physical Sciences: 9 hours

- BIO SC 1010/1020 or 1500 (5)
- CHEM 1320 (4)
- _____

Social and Behavioral Sciences: 9 hours

- PSYCH 1000
- American Government
- _____

Humanistic Studies and Fine Arts: 9 hours

- COMMUN 1200 (Required for Degree)
- PHIL 1150 or 2440 (recommended)
- _____

Capstone Experience

Completed during last two semesters of coursework.

- NEP 4950 Capstone: Research in Nutritional Sciences

HES COLLEGE

Foundation Courses: 6-7 hours

- ARCHST 1600 Fundamentals of Environ. Design (3)(WI), **or** ARCHST 2100 Understanding Architecture and the American City (3), **or** ARCHST 2323 Sustainable Building Design Fundamentals (3) (Phy Sci Lab), **or** ARCHST 2620 People, Places, & Design (3), **or** ARCHST 4323 Sustainable Technologies and Systems (3) (Phy Sci & MRP) ARCHST 4430 Design with Historic Preservation (3)
- FINPLN 2183 Personal Financial Planning (3), **or** FINPLN 4380 Assessing the American Dream (3)
- GN HES 1100 Intro to Human Environmental Sciences (1) (Required for freshmen; recommended for transfer students.)
- HDFS 1600 Foundations of Family Studies (3), **or** HDFS 1610 Intimate Relationships and Marriage (3), **or** HDFS 2400 Principles of Human Development (4)(WI)
- SW 1115 Social Welfare and Social Work (3), **or** SW 2000 Exploration in Soc. and Econ. Justice Syst.(3)(WI), **or** SW 4710 Social Justice and Social Policy (3)
- TAM 1200 Basic Concepts of App. Design and Production (3), **or** TAM 1300 Softgoods Retailing (3), **or** TAM 2200 Textiles (3), **or** TAM 2400 Global Consumer (3), **or** TAM 2500 Social Appearance in Time and Space (3)(WI), **or** TAM 3510 Survey of Western Dress (3)(WI), **or** TAM 3700 Multi-Channel Retailing (3)

Communication: 3 hours

- Choose from COMMUN 1200¹, 3571¹, 3575 (COMMUN 1200 can double dip as a Humanities credit)

* These courses require a grade of C- or better.

¹These courses also may meet General Education requirements.



NUTRITION & FOODS AND THE DIETETICS PROFESSIONAL PROGRAM

This is a professional program. Admission is competitive and application requirements include a minimum cumulative grade point average of 3.2 on a 4.0 scale and completion of the following prerequisite courses: 15-20 hours of general education requirements, human physiology with laboratory, organic chemistry with laboratory, biochemistry, basic nutrition with chemistry prerequisites, and food preparation with chemistry prerequisite. Area of Competence courses are determined by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics.

Pre-Professional Requirements (43 hours)

- ^{1,2}BIO CHEM 3630 General Biochemistry (3)
- ¹BIO SC 1010 Prin and Conc of Biology (3) **and**
¹BIO SC 1020 Gen Biology Lab (2) **or**
¹BIO SC 1500 Intro to Biological Systems (5)
- ¹CHEM 1320 College Chem I with lab (4)
- ¹CHEM 2030 Survey of Organic Chemistry (3)
- CHEM 2130 Organic Chem Lab I (2)
- ¹Comm 1200 Public Speaking (3)
- ¹HLTH SCI 1000 Intro to the Health Professions (3)
- MANGMT 3000 Principles of Management (3)
- ¹MPP 3202 Human Physiology with lab (5)
- NEP 1995 Nutritional Food Science (3)
- ²NEP 2340 Human Nutrition I (3)
- NEP 2380 Diet Therapy for the Health Professional (3)
- ¹PSYCH 1000 General Psychology (3)

Supporting Area Courses (select 6 hours from list)

(Some courses have required pre-requisites. Check before enrolling)

- Bio 2200 Genetics (4)
- Bio 3750 General Microbiology (3-4)
- FS 4370 Food Microbiology (3)
- Hlth Sci 4300 Health Care in the US (3)
- Microbio 3200 Med. Microbiology and Immun. (4)
- Mrktg 3000 Principles of Marketing (3)
- *NEP 2460 Eating Disorders (2)
- NEP 3131 Study Abroad (3)
- *NEP 4970 Capstone: Research in Sports Nutr. (2)
- Psych 3830 Health Psychology (3)
- Soc 3430 Sociology of Sport (3)
- Soc 3440 Sociology of Health (3)
- STAT (3000 - 4000 level) (3)

* These courses require a grade of C or better.

¹These courses also may meet General Education requirements.

²These courses require a minimum grade of B-.

Changes to requirements may be necessary as accreditation requirements change

*Area of Competence (89 hours)

(SPE = Supervised Practice Experience)

- CDS 2190 Medical Terminology (3)
- ¹ESC PS 4170 Intro to Applied Statistics (3)
- F S 4310 Food Chemistry with lab (4)
- MPP 4204 Medical Pharmacology (5)
- NEP 2450 Nutrition Throughout the Lifespan (3)
- NEP 3280 Food Service I (3)
- NEP 3290 Food Service I SPE (1)
- NEP 3360 Nutritional Assessment SPE (2)
- NEP 3370 Medical Nutrition Therapy I SPE (3)
- NEP 3390 Teaching and Counseling (2)
- NEP 3400 Teaching and Counseling SPE (1)
- NEP 3590 Community Nutrition SPE (1)
- NEP 4280 Food Service Lecture (3)
- NEP 4001 Topics: Professional Development (3)
- NEP 4290 Food Service II SPE (business plans) (2)
- NEP 4340 Human Nutrition II (3)
- NEP 4360 Nutritional Assessment (3)
- NEP 4370 Nutrition Therapy I (3)
- NEP 4380 Nutrition Therapy II (2)
- NEP 4381 Nutrition Therapy II SPE (4)
- NEP 4390 Issues in Dietetic Practice (1)
- NEP 4590 Community Nutrition (3)
- NEP 4950 Capstone: Research in Nutritional Sci (2)
- NEP 4951 Nutrition Research Communication (WI) (1)
- NEP 4975 Practice of Diet. SPE (10) (to be renum. to 8975)
- Pth As 2201 Human Anatomy Lecture (3)
- ESC PS 7200 Intro to Positive Psychology (3)
- HMI 7340 Intro to Health Informatics (3)
- NEP 7380 Medical Nutrition Therapy II (3)
- NEP 7381 Medical Nutrition Therapy II SPE (4)
- NEP 7385 Professional Development I (1)
- NEP 8340 Nutrition in Human Health (3)
- NEP 8380 Medical Nutrition Therapy III (3)

TOTAL 120 credits minimum



Nutrition and Foods Curriculum Planning Sheet

Fall I	Hrs
Bio 1010/1020 General Bio/Lab or 1500 Intro to Bio Systems/Lab	5
GN HES 1100 Intro to HES (f)	1
HES Foundation (recommend HDFS 1600 Foundations of Family Studies or 1610 Intimate Relationships and Marriage)	3
MATH 1100 College Algebra	3
PSYCH 1000 General Psychology	3
Total	15

Spring I	Hrs
CHEM 1320 College Chem I with lab	4
ENGLSH 1000 Exposition and Argumentation	3
History or Political Science	3
HLTH SCI 1000 Intro to Health Professions	3
Humanities (Phil 1150 Intro to Bioethics or Phil 2440 Medical Ethics)	3
Total	16

First Year - Summer Semester Optional - NEP 1995 Nutritional Food Science (su,sp)

Fall II	Hrs
CHEM 2030 Survey of Organic Chemistry (f)	3
CHEM 2130 Organic Chem Lab I	2
HES Foundation (recommend FINPLN 2183)	3
MPP 3202 Human Physiology with lab	5
NEP 2380 Diet Therapy for the Health Professional	3
Total	16

Spring II	Hrs
BIOCHM 3630 General Biochemistry (sp)	3
Comm 1200 Public Speaking (Humanities)	3
MANGMT 3000 Principles of Management	3
NEP 1995 Nutritional Food Science (su,sp)	3
NEP 2340 Human Nutrition I (sp)	3
Total	15

1st Year Dietitian Education Program (Coordinated Program)

Fall III	Hrs	Contact
CDS 2190 Medical Terminology	3	
NEP 3360 Nutritional Assessment SPE (f)	2	8
NEP 4340 Human Nutrition II (f)	3	
NEP 4360 Nutritional Assessment (f)	3	
NEP 4590 Community Nutrition (su,f)	3	
Total	14	8

Spring III	Hrs	Contact
Humanities (WI)	3	
NEP 2450 Nutr. Throughout the Lifespan (su,sp)	3	
NEP 3290 Food Service I SPE (sp)	1	4
NEP 3390 Teaching & Counseling (sp)	2	
NEP 4280 Food Service Lecture (sp)	3	
Supporting Elective (select from list)	3	
Total	15	4

Third Year - Summer Semester

	Hrs	Contact
NEP 3400 Teaching and Counseling SPE (f) (su in 2017)	1	4
NEP 3590 Community Nutrition SPE (f) (su in 2017)	1	4
STAT (ESC PS 4170) Intro to Applied Statistics	3	
Total	5	8

2nd Year Dietitian Education Program (Coordinated Program)

Fall IV	Hrs	Contact
FS 4310 Food Chemistry with lab	4	
NEP 4290 Food Service II SPE (f)	2	8
NEP 4950 Capstone: Research in Nutr. Sci (f)	2	
Pth As 2201 Human Anatomy Lecture	3	
Supporting Elective	3	
Total	14	8

Spring IV	Hrs	Contact
MPP 4204 Medical Pharmacology	5	
NEP 3370 Medical Nutrition Therapy I SPE (sp)	3	12
NEP 4370 Medical Nutrition Therapy I (sp)	3	
NEP 4951 Nutr. Research Commun. (WI) (sp)	1	
NEP 8340 Nutrition in Human Health (sp)	3	
Total	15	12

3rd Year Dietitian Education Program - Masters (Coordinated Program)

Fall V	Hrs	Contact
Esc PS 7200 Intro to Positive Psychology	3	
HMI 7430 Intro to Health Informatics	3	
NEP 7380 Medical Nutr. Therapy II (f 2018)	3	
NEP 7381 Medical Nutr. Therapy II SPE (f 2018)	4	16
NEP 7385 Professional Development I (f 2018)	1	
Total	14	16

Spring V	Hrs	Contact
NEP 4975/8975 Practice of Dietetics SPE	10	40
NEP 7390 Professional Development II	1	
NEP 8380 Medical Nutrition Therapy III	2	
Total	13	40