

PRE-MEDICAL NUTRITION

Help a patient on their health journey one bite at a time. Food is a complex, personal, and cultural experience. When you pursue a degree in dietetics or medical nutrition, you take on the rewarding challenge of connecting a person's relationship with food to their nutritional needs. Registered Dietitian Nutritionists (RDNs) are food and nutrition experts who use their knowledge of nutrition science to help improve the lives of individuals and the communities they live in. Registered dietitians assess a patient's nutrition history, biochemical make-up, and medical tests to design personalized nutrition plans that help their clients reach their health goals. A graduate degree and licensure is required to become a Registered Dietitian Nutritionist. Courses at Wayne State are designed to fulfill prerequisites to enter UNMC's Medical Nutrition master's program.

fast facts

Recommended major:

Life Sciences/Biomedical Science (B.A. or B.S.)

Department: Life Sciences

School: Science, Health, and Criminal Justice

Suggested minors: Business Administration, Exercise Science, Foods and Nutrition, Psychology

focus on results

Skills Learned

- Critical thinking
- Scientific writing, research, data collection, reasoning, and analysis
- Applied mathematics
- Applied biology and chemistry lab skills
- Molecular biology

Possible Careers

- Dietician
- Nutritionist
- Nutritional therapist
- Dietary clinician

Types of Employers

- Private practices
- Hospitals and medical clinics
- Medical research facilities
- Schools, colleges, and universities
- Sports teams or clubs

outside the classroom



Visit www.wsc.edu/clubs to learn more about clubs and organizations on campus.

Activities / Opportunities

- Peer mentoring and tutoring
- Rural Health Opportunities Program (RHOP)
- Service-Learning
- Study Abroad

Clubs / Organizations

- Biology Club
- Health Science Club

The following information is provided to guide you in the pre-professional program described on this sheet. Every effort is made to ensure this information is current, but please be aware that some content may have changed. To develop a plan for choosing a major and registering for courses, please consult the current academic catalog and your advisor.

Recommended major for Pre-Medical Nutrition: Biomedical Science

The Biomedical Science degree program is recommended for students planning to attend nutrition or dietetics school. Additional electives may be recommended also, such as FCS 319 Advanced Human Nutrition*. Participation in the Pre-Medical Nutrition program at WSC does not guarantee acceptance to a school of medicine. Be sure to consult with your advisor to draft a final plan of study, and be sure to check with your intended medical school to make sure you're meeting all prerequisite course requirements.

Biomedical Science program courses

For CAT 3, take MAT 180 Applied Probability and Statistics. For CAT 9, take FCS 207 Nutrition.

Life Sciences Core Courses

*BIO 110 Biology Concepts.....	4
*CHE 106 General Chemistry I.....	4
PHY 321 Physics Laboratory I.....	1
Select one of the following.....	3-4
PHY 201 General Physics I (3)	
PHY 301 University Physics I (4)	

Biomedical Science Concentration Courses

*CHE 107 General Chemistry II.....	4
BIO 200 Zoology.....	4
BIO 210 Experimental Plant Science.....	4
BIO 301 Biology Seminar.....	1
BIO 320 Molecular Genetics.....	4
BIO 370 Introduction to Research.....	2
BIO 425 Evolution.....	3
*Upper-level BIO electives.....	4-7
Select two of the following.....	6-7
BIO 336 Cancer Biology (3)	
*BIO 385 Microbiology (4)	
BIO 430 Parasitology (3)	
BIO 486 Immunology (3)	
Select two of the following.....	6-8
BIO 330 Histology (3)	
*BIO 340 Human Physiology (4)	
BIO 411 Vertebrate Reproduction and Development (3)	
BIO 434 Advanced Cellular Biology (3)	
BIO 443 Advanced Human Anatomy (3)	
Select one of the following.....	1
BIO Internship (1)	
BIO 465 Continuing Research (1)	
Select one of the following.....	1
BIO 469 Senior Seminar in Biology (1)	
BIO 470 Research Project (1)	

Choose any upper-level BIO electives or CHE 326 Biochemistry I* that are not repeat courses, excluding BIO 399 International Study. BIO 301 may be taken up to two times for a maximum of 2 credit hours with no topic repeat.

*Required for admission to UNMC's Medical Nutrition program

life sciences faculty



Visit www.wsc.edu/life-sciences-department to learn more about the Department of Life Sciences.

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