

# HEALTH SCIENCES (BS) & NUTRITION & DIETETIC PRACTICE (MS)

## Contacts

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**Campus:** Center City, East Falls  
Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/health-professions/departments-programs/nutritional-sciences/3-2-pathway.html>)

## Program Description

As a student in this accelerated dual degree program, you can earn both your bachelor's and master's degrees in five years. Students begin their pre-professional education in the Health Sciences where they complete college studies, health sciences, and prerequisite coursework with other health and pre-medical students on Jefferson's East Falls Campus. Students who maintain progression criteria are guaranteed to matriculate into the Nutrition professional program.

Jefferson's academic advisors and faculty work closely with our students on course selection and academic performance to ensure that each student is on pace to transition into the professional phase of the program. The MS in Nutrition program is designed to help meet the growing demand for professional Registered Dietitian Nutritionists (RDNs). It prepares highly motivated students with an interest in the medical field to sit for the Commission on Dietetic Registration national Registration Examination for Dietitians examination upon graduation.

Students matriculating into the professional phase of study in the Nutrition and Dietetic Practice program will complete 24 graduate credits during Year 4 fall and spring semesters. These credits are allocated to the undergraduate BS degree in Health Sciences, with graduation eligibility in December. Year 4 summer and year 5 courses comprise the MS degree.

## Learning Goals/Outcomes (Health Sciences)

- Apply scientific and psychological concepts to make informed clinical decisions.
- Explain factors that can influence health and well-being.
- Apply principles of professionalism, respect, and ethical behavior (in class and in the field).
- Demonstrate an understanding of a range of health professions' scopes of practice and responsibilities to make informed career decision.

## Curriculum: 5 Years, 150 Credits

- (120 BS; 30 MS)

Course	Title	Credits
<b>First Year</b>		
FYS 100	Pathways Seminar	1
WRIT 101	Writing Sem I: Written Comm.	3
WRIT 201	Writing Seminar II: Multi Comm	3
AVIS 101	American Visions	3
MATH 1XX	Pre-Calculus (or higher)	3
BIOL 112	Core Concepts of Biology	3
CHEM 103	Chemistry I	3
CHEM 104	Chemistry II	3
HSCI 100	Intro to Health Professions	1
PSYC 101	Intro to Psychology	3
General Elective		3
<b>Credits</b>		<b>29</b>
<b>Second Year</b>		
ETHC 2XX	Ethics	3
GDIV 2XX	Global Diversity	3
ADIV 2XX	American Diversity	3
GCIT 2XX	Global Citizenship	3
HSCI 225	Applied Statistics	3
HSCI 230	Intro to Healthcare	2
CHEM 214	Bioorganic Chemistry	3
BIOL 201 & 201L	Human Anatomy and Physiology I and Human Anat & Physiology I Lab	4
BIOL 202 & 202L	Human Anatomy & Physiology II and Human Anat & Physiology II Lab	4
BIOL 221 & 221L	Microbiology and Microbiology Lab	4
<b>Credits</b>		<b>32</b>
<b>Third Year</b>		
CGIS 300	Contemporary Global Issues	3
ISEM 3XX	Integrative Seminar	3
PHIL 499	Philosophies of the Good Life	3
HSCI 304	Nutrition and Health	3
HSCI 3XX	Health Sciences Elective	3
CHEM 201 & 201L	Organic Chemistry I and Organic Chemistry I Lab	4
PSYC 2XX	Psychology Elective	3
General Electives		9
General Elective (if needed)		0-3
<b>Credits</b>		<b>31-34</b>
<b>Fourth Year</b>		
RDN 571	Medical Nutrition Therapy I	3
RDN 531	Integ Nutr Acr the Life Cycle	3
RDN 511	Nutritional Biochem & Physio	3
RDN 535	Food Science & Safety	3
RDN 571	Medical Nutrition Therapy I	3
RDN 661	Management in Nutrition	3
SCJU 631	Soc Jus Sem: Food,Weight&Hlth	1
RDN 612	Nutr Comm, Edu, & Leadership	3
RDN 712	SEL-Nutr Comm, Edu, & Lead Exp	1
RDN 762	SEL-Food Serv & Culinary Exp	1
<b>Credits</b>		<b>24</b>
<b>Total Credits</b>		<b>116-119</b>

**Note:** Year 5 (refer to Nutrition & Dietic MS Program)

## Nutrition & Dietetic Graduate Curriculum

- Refer to the Jefferson College of Health Professions (JCHP) for graduate Nutrition & Dietetic curriculum.