

# NUTRITION SCIENCE, BA

Jointly sponsored by the College of Arts and Sciences and the School of Nursing, the second major in Nutrition Science builds on a student's basic science skills with a deep dive into the science of nutrition. Linkages of nutritional compounds and dietary approaches with health and disease, novel approaches to the study of nutritional impact on health, and future avenues of exploration in the field are examined. Elective courses in anthropology, biology, economics, physiology, psychology, health care, and public policy provide a rounded context for the study of nutrition science.

The minimum total course units (<https://www.college.upenn.edu/credits-needed-major/>) for graduation in this major is 34. Double majors may entail more course units.

**For more information:** <https://www.nursing.upenn.edu/nutrition-major/>

For information about the General Education requirements, please visit the College of Arts & Sciences Curriculum (<https://www.college.upenn.edu/curriculum/>) page.

Code	Title	Course Units
<b>College General Education Requirements and Free Electives</b>		
Foundational Approaches + Sectors <sup>1</sup> + Free Electives		20
<b>Major Requirements</b>		
<i>Required Basic Science Courses</i>		
<i>Biology</i>		2
Recommended for students with A.P., I.B.:		
BIOL 1121	Introduction to Biology - The Molecular Biology of Life	
BIOL 1123	Introductory Molecular Biology Laboratory <sup>2</sup>	
BIOL 1124	Introductory Organismal Biology Lab	
Recommended for students with one year of high school biology: <sup>3</sup>		
BIOL 1101	Introduction to Biology A	
BIOL 1102	Introduction to Biology B	
<i>Chemistry</i>		
CHEM 1011	Introduction to General Chemistry I	1
CHEM 1021	Introduction to General Chemistry II	1
CHEM 2410	Principles of Organic Chemistry I	1
<i>Biochemistry</i>		
BIOL 2810	Biochemistry	1
<i>Required Nutrition Science Courses</i>		
NURS 1120	Nutrition: Science & Applications	1
NURS 3120	Nutritional Aspects of Disease	1
NURS 5230	Advanced Nutrition: Molecular Basis of Nutrition	1
NURS 5240	Advanced Human Nutrition and Micronutrient Metabolism	1
<i>Elective Courses</i>		
Select 4 course units of electives (with attribute NUNE) ( <a href="http://catalog.upenn.edu/attributes/nune/">http://catalog.upenn.edu/attributes/nune/</a> )		4
<b>Total Course Units</b>		<b>34</b>

<sup>1</sup> You may count no more than one course toward both a Major and a Sector requirement. For Exceptions, check the Policy Statement (<http://www.college.upenn.edu/sectors-policy/>).

<sup>2</sup> BIOL 1123 Introductory Molecular Biology Laboratory must be concurrent with BIOL 1121 Introduction to Biology - The Molecular Biology of Life.

<sup>3</sup> 3 course units count as 2 for this major.

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2024 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.