

# NUTRITION, BS

## Contact

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## Description

The 124-credit B.S. degree program in nutrition includes coursework in the

1. sciences: chemistry, biology, anatomy, physiology, and biochemistry; and
2. food: safety, science, systems, and meal management.

Students also study nutrition in the health and life span, clinical nutrition therapy, community nutrition, nutrition education and counseling. Students can study abroad and have many opportunities for fieldwork and hands-on experiences.

All students who complete degree requirements will be eligible for the B.S. in Nutrition. Additional requirements must be met to receive a dietetics verification statement. Dietetic verification statement requirements are posted on the departmental website in the program handbook.

The nutrition program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) (120 S. Riverside Plaza, Suite 2190, Chicago, IL 60606; 800-877-1600; ext. 5400). Graduates of this program must then complete an accredited Dietetic Internship to gain eligibility for the registration exam. To obtain an internship, a student must usually have a minimum GPA of 3.4 and related work experience. Effective January 1, 2024, a master's degree is required for eligibility for the registration examination for dietitians.

## Admission to the Major

Minimum overall GPA must be 3.0 or higher to transfer into major from within the University. Refer to DPD Policy, if applicable to student. Transfer applicants must schedule an interview with Dr. Margaret Voss, Undergraduate Program Director, to review admission requirements.

## Student Learning Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.
2. Demonstrate effective and professional oral and written communication and documentation.
3. Demonstrate counseling and education methods to facilitate behavior change and enhance wellness for diverse individuals and groups.
4. Develop an educational session or program/educational strategy for a target population.

5. Assess the impact of a public policy position on nutrition and dietetic practice.
6. Use the Nutrition Care Process and clinical workflow elements to assess nutritional parameters, diagnose nutrition related problems, determine appropriate nutrition interventions, and develop plans to monitor the effectiveness of these interventions.
7. Describe concepts of nutritional genomics and how they relate to medical nutrition therapy, health, and disease.
8. Perform self-assessment that includes awareness in terms of learning and leadership styles and cultural orientation and develop goals for self-improvement.

Code	Title	Credits
<b>Required Courses</b>		
<i>Communication Skills</i>		
WRT 105	Studio 1: Practices of Academic Writing	3
WRT 205	Studio 2: Critical Research and Writing	3
Select one of the following:		3
CRS 225	Public Advocacy	
HFS 255	Interpersonal Competence	
CRS 325	Presentational Speaking	
HFS 326	Medical Terminology: Professional, Cultural and Developmental Perspectives	
CRS 331	Interpersonal Communication	
CRS 333	Small Group Communication	
CRS 335	Leadership/Stewardship Communication	
CRS 430	Intercultural Communication	
<i>Quantitative Skills</i>		
MAT 121	Probability and Statistics for the Liberal Arts I	4
or MAT 221	Elementary Probability and Statistics I	
<i>Natural Science</i>		
BIO 121	General Biology I	3
BIO 122	General Biology I Laboratory	1
BIO 123	General Biology II	3
BIO 124	General Biology II Laboratory	1
BIO 216	Anatomy & Physiology I	4
BIO 217	Anatomy and Physiology II	4
CHE 106	General Chemistry Lecture I	3
CHE 107	General Chemistry Laboratory I	1
CHE 116	General Chemistry Lecture II	3
CHE 117	General Chemistry Laboratory II	1
<i>Social Science</i>		
Select six additional credits of social science courses		6
PSY 205	Foundations of Human Behavior	3
<i>Humanities or Foreign Language</i>		
Note: all 8 credits of foreign language must be in one language		6-8
<b>University Requirement</b>		
In addition to FYS 101, the BS in Nutrition requires completion of an IDEA course (chosen from a select list) - The IDEA course may count as a liberal arts, departmental course, or elective depending on the course chosen. Please see the undergraduate course catalog for a full listing of IDEA courses.		
FYS 101	First Year Seminar	1
<b>Program Requirements</b>		
NSD 114	Food Safety and Quality Assurance	2

NSD 115	Food Science I	3
NSD 216	Food Service Operations	4
NSD 225	Nutrition in Health	3
NSD 315	Food Systems Management	3
NSD 342	Nutrition in the Life Span	3
NSD 435	Nutrition Leadership and Management	3
NSD 455	Community Nutrition	3
NSD 456	Nutritional Biochemistry	4
NSD 457	Research and Evaluation in Nutrition	3
NSD 466	Nutritional Biochemistry II	3
NSD 476	Nutrition Seminar	1
NSD 477	Senior Nutrition Seminar II	1
NSD 481	Clinical Nutrition Therapy I	3
NSD 482	Clinical Nutrition Therapy I Lab	1
NSD 483	Clinical Nutrition Therapy II	3
NSD 484	Clinical Nutrition Therapy II Lab	1
NSD 511	Nutrition Education	3
NSD 512	Nutrition Counseling	3
Select one of the following:		3
NSD 555	Food, Culture and Environment	
NSD 452	Mediterranean Food and Culture: A Florence Experience	
NSD 469	South Asia - Family, Food and Healthcare Systems	

Elective courses NSD 452 and NSD 469 include a travel abroad component. Students will register for a zero-credit travel class in the semester following either NSD 452 or NSD 469 course work. Please see course instructor for details.

#### Electives to complete 124 degree applicable credits

Electives may be taken in any school or college with the University to reach the required 124 credits assuming the 62 credits in Liberal Arts and Science is fulfilled.

**Total Credits**

**106-108**

## Degree Requirements

Degree requires a 3 credit Writing Intensive course and 3 credits of Critical Reflections.

The Writing Intensive and Critical Reflections courses may meet a Humanities, Social Science, or elective requirement. Note that some courses may satisfy both the Writing Intensive and Critical Reflections requirement. For a listing of Writing Intensive and Critical Reflection courses, please consult the Liberal Arts Core Guidebook.

**Degree Awarded: BS**

## Study Abroad

Given the structured nature of the Nutrition major, advance planning and working with your advisor makes it possible to study abroad for a whole semester or summer. We also offer a variety of nutrition-tailored study abroad short-term experiences.

## Notes

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requirements are posted on the departmental website in the program handbook.

### Undergraduate University Requirements

The following requirements and experiences apply to all Syracuse University Undergraduate matriculated degree programs.

- IDEA Course Requirement (<https://coursecatalog.syracuse.edu/undergraduate/idea-course-requirement/>)
- First Year Seminar (<https://coursecatalog.syracuse.edu/undergraduate/courses/fys/>)