NUTRITIONAL SCIENCES, B.S. NUTRITION AND DIETETICS

The popular dietetics degree program combines clinical and managerial courses with the nutrition core to prepare students to become registered dietitian nutritionists (RDN). RDNs work in hospitals, outpatient clinics, schools, colleges, wellness programs and nursing homes as well as in public health agencies, the food industry, and research labs. Students meet the following criteria as a pathway for becoming an RDN:

1. Fulfill all academic course requirements of the Didactic Program in Dietetics (DPD) according to the Accreditation Council for Education in Nutrition and Dietetics (ACEND) 2017 Standards of Education

2. Receive a Nutritional Sciences, B.S. Nutrition and Dietetics

3. Complete an ACEND-accredited Dietetic Internship Program

4. Pass a national exam administered by the Commission on Dietetic Registration (CDR). Effective January 1, 2024, the CDR will require a minimum of a master’s degree to be eligible to take the registration examination to become an RDN. Students who complete the nutritional sciences major in the dietetics degree program receive the Bachelor of Science—Nutrition and Dietetics degree.

HOW TO GET IN

ADMISSION TO NUTRITION AND DIETETICS DEGREE PROGRAM

Students will have Pre-Dietetics classification until admission to the nutrition and dietetics degree program (Dietetics classification) as defined by completion of prerequisite courses with a cumulative GPA of ≥2.800, as well as, an overall GPA of ≥2.800. Students must apply for and be admitted to the program no later than the end of the semester in which the student accumulates 86 credits, which is senior standing. Department approval is required for admission. Students who are not admitted to the program by the time they accumulate 86 credits will not be allowed to continue in the Pre-Dietetics classification.

To be admitted to the B.S. nutrition and dietetics program, the following requirements must be met effective fall 2019:

1. A minimum overall cumulative GPA of 2.800. Cumulative GPA will be based on UW–Madison courses only.
2. Students must have completed one semester at UW–Madison before applying.
3. A minimum mean GPA of 2.800 in the following required prerequisite courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103 &amp; CHEM 104</td>
<td>General Chemistry I and General Chemistry II</td>
<td>5-9</td>
</tr>
<tr>
<td>CHEM 109</td>
<td>Advanced General Chemistry</td>
<td>5</td>
</tr>
</tbody>
</table>

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<td>Introductory Biology</td>
<td>5</td>
</tr>
<tr>
<td>ZOOLOGY/BOTANY 151</td>
<td>Animal Biology and Animal Biology Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>ANAT&amp;PHY 335</td>
<td>Physiology</td>
<td>5</td>
</tr>
<tr>
<td>NUTR SCI 332</td>
<td>Human Nutritional Needs</td>
<td>3</td>
</tr>
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<tbody>
<tr>
<td>PSYCH 202</td>
<td>Introduction to Psychology</td>
<td>3-4</td>
</tr>
<tr>
<td>MICROBIO 101</td>
<td>General Microbiology</td>
<td></td>
</tr>
<tr>
<td>PSYCH 210</td>
<td>Basic Statistics for Psychology</td>
<td></td>
</tr>
<tr>
<td>SOC/C&amp;E SOC 360</td>
<td>Statistics for Sociologists I</td>
<td></td>
</tr>
<tr>
<td>STAT 301</td>
<td>Introduction to Statistical Methods</td>
<td></td>
</tr>
<tr>
<td>STAT 371</td>
<td>Introductory Applied Statistics for the Life Sciences</td>
<td></td>
</tr>
<tr>
<td>GEN BUS 300</td>
<td>Professional Communication</td>
<td></td>
</tr>
</tbody>
</table>

1 This policy is applicable to undergraduate students entering or transferring into Pre-Dietetics classification fall 2018 and beyond. Students who have already completed a college degree (B.S. or B.A.) may choose to pursue the nutrition and dietetics program as either a second degree candidate, or as a Didactic Program in Dietetics (DPD) completer. Because they have already completed a bachelor’s degree, second-degree candidates and DPD completers are not required to follow this progression policy. Progression for these students will be closely monitored by the program coordinator.

2 Any transfer course from another university that will be used to meet the above required courses cannot be included in the GPA calculation. If the same course is taken more than once, only the grade from the last time the course was taken will be used in the GPA calculation.

Note: Admission to the DPD program is competitive, as enrollment is limited by accreditation standards; students meeting the minimum criteria are not guaranteed admission.

REQUIREMENTS

UNIVERSITY GENERAL EDUCATION REQUIREMENTS

All undergraduate students at the University of Wisconsin–Madison are required to fulfill a minimum set of common university general education requirements to ensure that every graduate acquires the essential core of an undergraduate education. This core establishes a foundation for living a productive life, being a citizen of the world, appreciating aesthetic values, and engaging in lifelong learning in a continually changing world. Various schools and colleges will have requirements in addition to the requirements listed below. Consult your advisor for assistance, as needed. For additional information, see the university Undergraduate General Education Requirements (http://guide.wisc.edu/undergraduate/#requirementsforundergraduatestudytext) section of the Guide.
General Education

- Breadth—Humanities/Literature/Arts: 6 credits
- Breadth—Natural Science: 4 to 6 credits, consisting of one 4- or 5-credit course with a laboratory component; or two courses providing a total of 6 credits
- Breadth—Social Studies: 3 credits
- Communication Part A & Part B *
- Ethnic Studies *
- Quantitative Reasoning Part A & Part B *

* The mortarboard symbol appears before the title of any course that fulfills one of the Communication Part A or Part B, Ethnic Studies, or Quantitative Reasoning Part A or Part B requirements.

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES REQUIREMENTS

In addition to the University General Education Requirements, all undergraduate students in CALS must satisfy a set of college and major requirements. Courses may not double count within university requirements (General Education and Breadth) or within college requirements (First-Year Seminar, International Studies, Science, and Capstone), but courses counted toward university requirements may also be used to satisfy a college and/or a major requirement; similarly, courses counted toward college requirements may also be used to satisfy a university and/or a major requirement.

COLLEGE REQUIREMENTS FOR ALL CALS B.S. DEGREE PROGRAMS

<table>
<thead>
<tr>
<th>Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quality of Work: Students must maintain a minimum cumulative grade point average of 2.000 to remain in good standing and be eligible for graduation.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Residency: Students must complete 30 degree credits in residence at UW–Madison after earning 86 credits toward their undergraduate degree.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>First Year Seminar (<a href="http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext">http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext</a>)</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>International Studies (<a href="http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext">http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext</a>)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Physical Science Fundamentals</td>
<td>4-5</td>
</tr>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>or CHEM 108</td>
<td>Chemistry in Our World</td>
<td></td>
</tr>
<tr>
<td>or CHEM 109</td>
<td>Advanced General Chemistry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Biological Science</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Additional Science (Biological, Physical, or Natural)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Science Breadth (Biological, Physical, Natural, or Social)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CALS Capstone Learning Experience: included in the requirements for each CALS major (see 'Major Requirements') (<a href="http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext">http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext</a>)</td>
<td></td>
</tr>
</tbody>
</table>

MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mathematics and Statistics</td>
</tr>
<tr>
<td>Select one of the following (or may be satisfied by placement exam):</td>
<td>3-5</td>
</tr>
<tr>
<td>MATH 112</td>
<td>Algebra</td>
</tr>
<tr>
<td>MATH 114</td>
<td>Algebra and Trigonometry</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>3-4</td>
</tr>
<tr>
<td>PSYCH 210</td>
<td>Basic Statistics for Psychology</td>
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<td>Introduction to Statistical Methods for the Life Sciences</td>
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<td>STAT 371</td>
<td>Introductory Applied Statistics for the Life Sciences</td>
</tr>
<tr>
<td></td>
<td>Chemistry</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>5-9</td>
</tr>
<tr>
<td>CHEM 103 &amp; CHEM 104</td>
<td>General Chemistry I and General Chemistry II</td>
</tr>
<tr>
<td>CHEM 109</td>
<td>Advanced General Chemistry</td>
</tr>
<tr>
<td>CHEM 341</td>
<td>Elementary Organic Chemistry</td>
</tr>
<tr>
<td>or CHEM 343</td>
<td>Introductory Organic Chemistry</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>3</td>
</tr>
<tr>
<td>BIOCHEM 301</td>
<td>Survey of Biochemistry</td>
</tr>
<tr>
<td>BIOCHEM 501</td>
<td>Introduction to Biochemistry</td>
</tr>
<tr>
<td>BMOLCHEM 503</td>
<td>Human Biochemistry</td>
</tr>
<tr>
<td></td>
<td>Biology</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>5</td>
</tr>
<tr>
<td>ZOOLOGY/ BIOLOGY 101 &amp; ZOOLOGY/ BIOLOGY 102</td>
<td>Animal Biology and Animal Biology Laboratory</td>
</tr>
<tr>
<td>ZOOLOGY/ BIOLOGY/ BOTANY 151</td>
<td>Introductory Biology</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>5</td>
</tr>
<tr>
<td>MICROBIO 101 &amp; MICROBIO 102</td>
<td>General Microbiology and General Microbiology Laboratory</td>
</tr>
<tr>
<td>MICROBIO 303 &amp; MICROBIO 304</td>
<td>Biology of Microorganisms and Biology of Microorganisms Laboratory</td>
</tr>
<tr>
<td></td>
<td>Foundation</td>
</tr>
<tr>
<td>ANAT&amp;PHY 335</td>
<td>Physiology</td>
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<td>Introduction to Psychology</td>
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<td>GEN BUS 300</td>
<td>Professional Communication</td>
</tr>
<tr>
<td>GEN BUS 310</td>
<td>Fundamentals of Accounting and Finance for Non-Business Majors</td>
</tr>
<tr>
<td>ED PSYCH 301</td>
<td>How People Learn</td>
</tr>
<tr>
<td></td>
<td>Core</td>
</tr>
<tr>
<td>FOOD SCI 301</td>
<td>Introduction to the Science and Technology of Food</td>
</tr>
<tr>
<td>FOOD SCI 437</td>
<td>Food Service Operations</td>
</tr>
<tr>
<td>FOOD SCI 438</td>
<td>Food Service Operations Lab</td>
</tr>
</tbody>
</table>
NUTR SCI 200  The Professions of Dietetics and Nutrition  1
NUTR SCI 332  Human Nutritional Needs  3
NUTR SCI 431  Nutrition in the Life Span  3
BIOCHEM/NUTR SCI 510  Nutritional Biochemistry and Metabolism  3
NUTR SCI 631  Clinical Nutrition I  3
NUTR SCI 632  Clinical Nutrition II  3
Capstone
NUTR SCI 500  Undergraduate Capstone Seminar Laboratory  1
NUTR SCI 641  Applications in Clinical Nutrition I  1
NUTR SCI 642  Applications in Clinical Nutrition II  1
Total Credits  70-78

1 Note that placement into MATH 114 does not guarantee that credit has been earned for MATH 112.
2 Consult advisor about combining MICROBIO 303 with MICROBIO 102.

Note: recommended electives for nutrition and dietetics students can be found on the Advising and Careers tab.

UNIVERSITY DEGREE REQUIREMENTS

Total Degree To receive a bachelor’s degree from UW–Madison, students must earn a minimum of 120 degree credits. The requirements for some programs may exceed 120 degree credits. Students should consult with their college or department advisor for information on specific credit requirements.

Residency Degree candidates are required to earn a minimum of 30 credits in residence at UW–Madison. "In residence" means on the UW–Madison campus with an undergraduate degree classification. "In residence" credit also includes UW–Madison courses offered in distance or online formats and credits earned in UW–Madison Study Abroad/Study Away programs.

Quality of Work Undergraduate students must maintain the minimum grade point average specified by the school, college, or academic program to remain in good academic standing. Students whose academic performance drops below these minimum thresholds will be placed on academic probation.

LEARNING OUTCOMES

1. Obtains and can articulate specialized knowledge in the field of nutritional sciences and dietetics along with an education broad enough to meet the challenges of future careers and opportunities.
2. Obtains and can articulate foundational knowledge in areas relevant to the field of nutrition and dietetics.
3. Communicates complex ideas in a clear and understandable manner through written and oral presentations.
4. Demonstrates quantitative literacy in math and statistics relevant to nutritional sciences and dietetics.
5. Demonstrates the ability to think critically and creatively, to synthesize, analyze, and integrate ideas for decision making and problem solving.
6. Develops the skills for life-long learning and is capable of locating, interpreting, and critically evaluating professional literature and current research.
7. Develops a global perspective and an appreciation for the interdependencies among individuals and their workplaces, communities, environments, and world; and an understanding of the interrelationships between science and society.
8. Develops a respect for truth, a tolerance for diverse views, and a strong sense of personal and professional ethics.

FOUR-YEAR PLAN

SAMPLE NUTRITIONAL SCIENCES FOUR-YEAR PLAN—NUTRITION AND DIETETICS DEGREE

Freshman

Fall Credits  Spring Credits
CHEM 103 or MATH 112  3-4  CHEM 104  5
COMM A or COMM B  3
PSYCH 202  3
ZOOLOGY/BIOLOGY 101  3  ZOOLOGY/BIOLOGY 101  3
(or Ethnic Studies) (or Ethnic Studies)
CALS First Year Seminar  1  ZOOLOGY/BIOLOGY 102  2
Electives  3-4 Electives  1-3
13-15  14-16
Total Credits  27-31

Sophomore

Fall Credits  Spring Credits
CHEM 341  1  3  NUTR SCI 332  3
MICROBIO 101 or 303  3  ANAT&PHY 335  5
MICROBIO 102 or 304  2  Statistics  3-4
COMM B  3  GEN BUS 300 or 310  3
Electives  3-4
14-15  14-15
Total Credits  28-30

Junior

Fall Credits  Spring Credits
FOOD SCI 301  3  NUTR SCI 431  2  3
NUTR SCI 200  1  NUTR SCI/ BIOCHEM 510  3
GEN BUS 310 or 300  3  ED PSYCH 301  3
BIOCHEM 501 or 301  3  International Studies  3
Electives  5-6 Electives  3-4
15-16  15-16
Total Credits  30-32

Senior

Fall Credits  Spring Credits
NUTR SCI 631  1  3  NUTR SCI 632  3  3
NUTR SCI 641  1  NUTR SCI 642  3  1
FOOD SCI 437  3  Electives  11-12
FOOD SCI 438  1

Total Credits  70-78

1 Note that placement into MATH 114 does not guarantee that credit has been earned for MATH 112.
2 Consult advisor about combining MICROBIO 303 with MICROBIO 102.

Note: recommended electives for nutrition and dietetics students can be found on the Advising and Careers tab.
Nutritional Sciences, B.S. Nutrition and Dietetics

NUTR SCI 500    1
Electives              6-7

Total Credits 30-32

1 Offered only fall semester
2 Offered only spring and summer semesters
3 Offered only spring semester

• See Advising and Careers tab for recommended supporting courses
• Students interested in pursuing the nutrition and dietetics program must first complete specific prerequisite courses, hold pre-dietetics classification, and must achieve the necessary grade point average criteria. Consult http://www.nutrisci.wisc.edu for specific information on admission requirements and application procedure.

ADVISING AND CAREERS

PROFESSORS
Dave Eide (chair), Ph.D. 1987
Richard Eisenstein, Ph.D. 1985
Guy Groblewski, Ph.D. 1991
Huichuan Lai, Ph.D., RDN 1994
Denise Ney (Director, Didactic Program in Dietetics), Ph.D., RDN 1986
James Ntambi, Ph.D. 1985
Roger Sunde, Ph.D. 1980
Sherry Tanumihardjo, Ph.D. 1993

ASSOCIATE PROFESSOR
Beth Olson, Ph.D.

ASSISTANT PROFESSORS
Adam Kuchnia, Ph.D., RDN 2017
Brian Parks, Ph.D. 2008
Eric Yen, Ph.D. 2000

ASSOCIATE FACULTY ASSOCIATE
Erika Anna, M.S., RDN
Amber Haroldson, Ph.D., RDN, M.S.
Tara LaRowe (Coordinator, Didactic Program Dietetics), Ph.D., C.S.S.D., RDN
Makayla Schuchardt, M.S., RDN, CNSC
Julie Thurlow, DrPH, RDN

SENIOR LECTURER
Pete Anderson, M.S.

ACADEMIC ADVISOR
Sarah Golla, MSW, GCDF

PEOPLE

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Pete Anderson, M.S.

ACADEMIC ADVISOR
Sarah Golla, MSW, GCDF
**CERTIFICATION/LICENSES**

**ELEVATED EDUCATION REQUIREMENTS FOR THE FUTURE REGISTERED DIETITIAN NUTRITIONIST (RDN)**

The registration examination for RDNs is designed to evaluate a candidate’s ability to perform at the entry-level, and currently, candidates must hold the minimum of a baccalaureate degree to take the exam. In 2013, Commission on Dietetics Registration (CDR) moved to change the entry-level registration eligibility requirements for RDNs; instead of requiring a Baccalaureate degree, the educational preparation for the future entry-level RDN is now the minimum of a master’s degree. CDR’s mandate goes into effect January 1, 2024.

**CURRENT STUDENTS**

Students completing dietetics coursework and a dietetic internship by January 1, 2024 will still be eligible to take the RDN exam with a baccalaureate degree.

**PROSPECTIVE STUDENTS**

Freshmen declaring Pre-Dietetics in 2020 and beyond will be held to the new 2024 mandate, which will require students to hold the minimum of a master’s degree in order to be eligible to take the RDN exam.

**PROFESSIONAL CERTIFICATION/LICENSES DISCLOSURE (NC-SARA)**

The United States Department of Education requires institutions that provide distance education to disclose information for programs leading to professional certification or licensure about whether each program meets state educational requirements for initial licensure or certification. Following is this disclosure information for this program:

The requirements of this program meet Certification/Licensure in the following states:

- Wisconsin

The requirements of this program do not meet Certification/Licensure in the following states:


**RESOURCES AND SCHOLARSHIPS**

**RESOURCES AND SCHOLARSHIPS**

The Bursar’s Office (https://bursar.wisc.edu/tuition-and-fees/) lists the tuition and fee expenses for full-time resident and nonresident undergraduates.

Students seeking a degree are eligible to obtain federal financial aid. For further information about receiving financial aid at the University of Wisconsin-Madison, visit the Office of Student Financial Aid (https://financialaid.wisc.edu/) website.

Each year the Department of Nutritional Sciences awards $40,000–$50,000 in scholarships to nutritional sciences majors. In order to be considered for a DNS Scholarship, students must have a current FAFSA filed and a completed scholarship application submitted. A list of available DNS scholarships may be accessed on our Scholarships (https://nutrisci.wisc.edu/undergraduate/scholarships/) page.
ACCREDITATION

Accreditation Council for Education in Nutrition and Dietetics (https://www.eatrightpro.org/acend/)

Accreditation status: Accredited. Next accreditation review: 2026.