NUTRITIONAL SCIENCES, B.S. 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. 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–Dietetics degree.

For complete program information, see the department website (https://nutrisci.wisc.edu).

HOW TO GET IN

ADMISSION TO DIETETICS DEGREE PROGRAM

Students will have PDI (Pre-Dietetics) classification until admission to the dietetics degree program (ADI classification) as defined by completion of prerequisite courses with a cumulative GPA of ≥3.000, as well as, an overall GPA of ≥3.000. 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 PDI classification fall 2018 and beyond. Students who have already completed a college degree (B.S. or B.A.) may choose to pursue the 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.

To be admitted to the B.S. dietetics program, the following requirements must be met effective fall 2015:

1. A minimum overall cumulative GPA of 3.000. 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 3.000 in the following required 2 prerequisite courses:

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

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN BUS 300</td>
<td>Professional Communication</td>
<td>3-4</td>
</tr>
</tbody>
</table>

1 This policy is applicable to undergraduate students entering or transferring into PDI classification fall 2018 and beyond. Students who have already completed a college degree (B.S. or B.A.) may choose to pursue the 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. Specific requirements for all majors in the college and other information on academic matters can be obtained from the Office of Academic Affairs (http://www.cals.wisc.edu/academics), College of Agricultural and Life Sciences, 116 Agricultural Hall, 1450 Linden Drive, Madison, WI 53706; 608-262-3003. Academic departments and advisors also have information on requirements. Courses may not double count within university requirements (General Education and Breadth) or within college requirements (First-Year Seminar, International Studies and Science), 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>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<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>
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</tr>
<tr>
<td>Residency: Students must complete 30 degree credits in residence at UW—Madison after earning 86 credits toward their undergraduate degree.</td>
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</tr>
<tr>
<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>
<td></td>
</tr>
<tr>
<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>
<td></td>
</tr>
<tr>
<td>Physical Science Fundamentals 4-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 103 General Chemistry I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>or CHEM 108 Chemistry in Our World</td>
<td></td>
<td></td>
</tr>
<tr>
<td>or CHEM 109 Advanced General Chemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biological Science 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additional Science (Biological, Physical, or Natural) 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science Breadth (Biological, Physical, Natural, or Social) 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CALS Capstone Learning Experience: included in the requirements for each CALS major (see &quot;Major Requirements&quot;) (<a href="http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext">http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext</a>)</td>
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</table>

MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Mathematics and Statistics</td>
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<tr>
<td>Select one of the following (or may be satisfied by placement exam):</td>
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</tr>
<tr>
<td>MATH 112 Algebra</td>
<td>3-5</td>
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<tr>
<td>MATH 114 Algebra and Trigonometry 1</td>
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<tr>
<td>Select one of the following:</td>
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</tr>
<tr>
<td>PSYCH 210 Basic Statistics for Psychology</td>
<td>3-4</td>
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</tr>
<tr>
<td>SOC/ C&amp;E SOC 360 Statistics for Sociologists I</td>
<td></td>
<td></td>
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<tr>
<td>STAT 301 Introduction to Statistical Methods</td>
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<tr>
<td>STAT 371 Introductory Applied Statistics for the Life Sciences</td>
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<tr>
<td>Chemistry</td>
<td></td>
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<tr>
<td>Select one of the following:</td>
<td>5-9</td>
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</tr>
<tr>
<td>CHEM 103 &amp; CHEM 104 General Chemistry I and General Chemistry II</td>
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<tr>
<td>CHEM 109 Advanced General Chemistry</td>
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<tr>
<td>CHEM 341 Elementary Organic Chemistry</td>
<td>3</td>
<td></td>
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<tr>
<td>or CHEM 343 Introductory Organic Chemistry</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>BMOLCHEM 314 Introduction to Human Biochemistry</td>
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<td></td>
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<tr>
<td>BMOLCHEM 503 Human Biochemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOCHEM 501 Introduction to Biochemistry</td>
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<tr>
<td>Biology</td>
<td></td>
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<tr>
<td>Select one of the following:</td>
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<td></td>
</tr>
<tr>
<td>ZOOLOGY/ BIOLOGY 101 &amp; ZOOLOGY/ BIOLOGY 102 Animal Biology and Animal Biology Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZOOLOGY/ BIOLOGY/ BOTANY 151 Introductory Biology</td>
<td></td>
<td></td>
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<tr>
<td>Select one of the following: 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>MICROBIO 101 &amp; MICROBIO 102 General Microbiology and General Microbiology Laboratory</td>
<td></td>
<td></td>
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<tr>
<td>MICROBIO 303 &amp; MICROBIO 304 Biology of Microorganisms and Biology of Microorganisms Laboratory</td>
<td></td>
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<tr>
<td>Foundation</td>
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<tr>
<td>ANAT&amp;PHY 335 Physiology</td>
<td>5</td>
<td></td>
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<tr>
<td>PSYCH 202 Introduction to Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GEN BUS 300 Professional Communication</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>GEN BUS 310 Fundamentals of Accounting and Finance for Non-Business Majors</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GEN BUS 311 Fundamentals of Management and Marketing for Non-Business Majors</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>2-3</td>
<td></td>
</tr>
<tr>
<td>CURRIC/ CSCS 427 Methods of Teaching Family and Consumer Education</td>
<td></td>
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</tbody>
</table>
CURRIC/CSCS 428
Program Planning in Family and Consumer Education

ED PSYCH 301
How People Learn

Core

FOOD SCI 301
Introduction to the Science and Technology of Food

FOOD SCI 437
Food Service Operations

FOOD SCI 438
Food Service Operations Lab

NUTR SCI 200
The Professions of Dietetics and Nutrition

NUTR SCI 332
Human Nutritional Needs

NUTR SCI 431
Nutrition in the Life Span

BIOCHEM/NUTR SCI 510
Biochemical Principles of Human and Animal Nutrition

NUTR SCI 631
Clinical Nutrition I

NUTR SCI 632
Clinical Nutrition II

Capstone

NUTR SCI 500
Undergraduate Capstone Seminar Laboratory

NUTR SCI 520
Applications in Clinical Nutrition

Total Credits 73-82

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 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 both 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

FOUR-YEAR PLAN

SAMPLE NUTRITIONAL SCIENCES FOUR-YEAR PLAN—DIETETICS DEGREE

Freshman
Fall Credits Spring Credits
CHEM 103 1* 4 CHEM 104 5
COMM A or COMM B 3 3 PSYCH 202 3
MATH 112 or 114 3-5 ZOOLOGY/BIOLOGY 101 (Ethnic Studies, or International Studies) 3
ZOOLOGY/BIOLOGY 101 (Ethnic Studies, or International Studies) 3 3 ZOOLOGY/ BIOLOGY 102 2
Elective 2 First Year Seminar 1

Total Credits 29-31

Sophomore
Fall Credits Spring Credits
NUTR SCI 200 2 1 NUTR SCI 332 3
MICROBIO 101 or 303 3 ANAT&PHY 335 5
MICROBIO 102 or 304 2 Statistics 3-4
CHEM 341 3 3 GEN BUS 300 3
Electives 3

Total Credits 29-30

Junior
Fall Credits Spring Credits
FOOD SCI 301 3 NUTR SCI 431 3

Total Credits 29-30
### ADVISING AND CAREERS

#### ADVISING

Prospective and declared students should contact the student services coordinator with questions.

#### CAREERS

Registered dietitian nutritionists (RDN) 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 who fulfill the requirements of the Didactic Program in Dietetics and receive a Nutritional Sciences B.S. in Dietetics are qualified to complete a post-graduate Dietetic Internship. Upon completing the Dietetic Internship, a graduate is eligible to take the examination administered by the Commission on Dietetic Registration leading to certification as a RDN.

#### RECOMMENDED ELECTIVES FOR DIETETICS STUDENTS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 1 S 300</td>
<td>Accounting Principles</td>
<td>3</td>
</tr>
<tr>
<td>COM ARTS 368</td>
<td>Theory and Practice of Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>COUN PSY 650</td>
<td>Theory and Practice in Interviewing</td>
<td>3</td>
</tr>
<tr>
<td>C&amp;E SOC/SOC 222</td>
<td>Food, Culture, and Society</td>
<td>3</td>
</tr>
</tbody>
</table>

### Senior

#### Credits

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR SCI 631</td>
<td>2</td>
<td>3 NUTR SCI 520</td>
<td>3</td>
</tr>
<tr>
<td>FOOD SCI 437</td>
<td>2</td>
<td>Electives</td>
<td>12-13</td>
</tr>
<tr>
<td>FOOD SCI 438</td>
<td>1</td>
<td>Electives</td>
<td>1</td>
</tr>
<tr>
<td>NUTR SCI 500</td>
<td>1</td>
<td>Electives</td>
<td>6-7</td>
</tr>
<tr>
<td>Electives</td>
<td>6-7</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>14-15</td>
<td></td>
<td>15-16</td>
</tr>
</tbody>
</table>

Total Credits 29-31

1. MATH 112 Algebra is a prerequisite
2. Offered only first semester
3. Offered only second semester
4. ED PSYCH 301, CROCH/CURRIC 427, or CROCH/CURRIC 428 (one course required)
5. BMOLCHEM 314 conflicts with GEN BUS 310; could take GEN BUS 310 in year 4

- See Requirements tab for recommended supporting courses
- Students interested in pursuing the dietetics program must first complete specific prerequisite courses (denoted by * above) and must achieve the necessary grade point average criteria. Consult http://www.nutrisci.wisc.edu for specific information on admission requirements and application procedure.

### PEOPLE

#### PROFESSORS

Dave Eide (Chair), Ph.D. 1987
Richard Eisenstein, Ph.D. 1985
Guy Groblewski, Ph.D. 1991
Huihuan Lai, Ph,D., R.D.N. 1994
Denise Ney (Director, Didactic Program in Dietetics), Ph.D., R.D.N. 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., R.D.N. 2017
Brian Parks, Ph.D. 2008
Eric Yen, Ph.D. 2000

**ASSOCIATE FACULTY ASSOCIATE**
Amber Haroldson, Ph.D., R.D.N., M.S.
Tara LaRowe (Coordinator, Didactic Program Dietetics), Ph.D., R.D.N.
Makayla Schuchardt, M.S., R.D.N., C.N.S.C.
Julie Thurlow, DR.PH., R.D.N.

**SENIOR LECTURER**
Pete Anderson, M.S.

**STUDENT SERVICES COORDINATOR**
Erika Anna, R.D.N.

**GRADUATE COORDINATOR**
Katie Butzen, MS.Ed.

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**WISCONSIN EXPERIENCE**

The following opportunities can help students connect with other students interested in dietetics and nutrition, build relationships with faculty and staff, and contribute to out-of-classroom learning:

- **Dietetics and Nutrition Club (DNC)** ([https://win.wisc.edu/organization/dnc](https://win.wisc.edu/organization/dnc)), a student organization open to anyone interested in meeting others pursuing dietetics and nutrition. Involvement in the DNC is a great way to find out about events and opportunities to network within the field of nutrition and dietetics. See the DNC Facebook page here ([https://www.facebook.com/groups/DNC.UWMadison/?ref=ts&fref=ts](https://www.facebook.com/groups/DNC.UWMadison/?ref=ts&fref=ts)).

- **Academy of Nutrition and Dietetics (AND)** ([http://www.eatrightpro.org](http://www.eatrightpro.org)), the world’s largest organization of food and nutrition professionals. AND provides public information on advocacy, leadership, career development, dietetics resources, position and practice papers; student membership rates and privileges can be found here ([http://www.eatrightpro.org/resources/membership/membership-types-and-criteria/student-member](http://www.eatrightpro.org/resources/membership/membership-types-and-criteria/student-member)).

- **Wisconsin Academy of Nutrition and Dietetics (WAND)** ([http://www.eatrightwisc.org/default.asp](http://www.eatrightwisc.org/default.asp)), Wisconsin’s chapter of AND.

- **Collegiate FFA** ([http://collegiateffamadison.weebly.com](http://collegiateffamadison.weebly.com)), an official collegiate chapter of the National FFA organization.

- **AWA** ([http://awamadison.org](http://awamadison.org)), the Association of Women in Agriculture, a professional student organization for young women with a passion for agriculture.

- **WISELI** ([http://wiseli.engr.wisc.edu](http://wiseli.engr.wisc.edu)), Women in Science and Engineering Leadership Institute—a research center aiming to increase the representation, advancement, and satisfaction of women faculty and members of groups currently underrepresented on the faculty and in leadership at UW–Madison.

- **Research/Lab experience**: Students are encouraged to get involved in research, whether in the Department of Nutritional Sciences, or through other departments. Research can be performed for either course credit or pay, depending on the opportunity. Research opportunities can primarily be found by inquiring with advisors, instructors, and faculty members. Learn more about faculty research here ([https://nutrisci.wisc.edu/people/faculty-staff](https://nutrisci.wisc.edu/people/faculty-staff)).

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**CERTIFICATION/LICENSURE**

**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 (PDI) 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.

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**ACCREDITATION**

Accreditation

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