NUTRITIONAL SCIENCES, PH.D.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirements), in addition to the program requirements listed below.

MAJOR REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

**Evening/Weekend:** Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW–Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirements Detail

**Minimum Credit Requirement**

Minimum 51 credits

**Minimum Residence Credit Requirement**

Minimum 32 credits

Minimum Graduate Coursework Requirement

Half of degree coursework (26 credits out of 51 total credits) must be completed graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university’s Course Guide (http://my.wisc.edu/CourseGuideRedirect/BrowseByTitle). Half of degree coursework (26 credits out of 51 total credits) must be completed graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university’s Course Guide (http://my.wisc.edu/CourseGuideRedirect/BrowseByTitle).

Overall 3.00 GPA required.

Other Grade Requirements

The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.

Assessments and Examinations

Students must take and pass a preliminary exam and a final defense. Students must take the first exam prior to the end of the fifth semester; summer session does not count as a semester.

Language Requirements

No language requirements.

Doctoral Minor/Breadth Requirements

Students are not required to complete a minor, but are heavily encouraged to pursue a minor.

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR SCI/AN SCI 626</td>
<td>Experimental Diet Design</td>
<td>1</td>
</tr>
<tr>
<td>NUTR SCI 627</td>
<td>Advanced Nutrition: Vitamins</td>
<td>1</td>
</tr>
<tr>
<td>NUTR SCI 600</td>
<td>Introductory Seminar in Nutrition</td>
<td>1</td>
</tr>
<tr>
<td>NUTR SCI 931</td>
<td>Seminar-Nutrition 1</td>
<td>1</td>
</tr>
<tr>
<td>NUTR SCI 799</td>
<td>Practicum in Nutritional Sciences Teaching</td>
<td>1-3</td>
</tr>
<tr>
<td>NUTR SCI 745</td>
<td>Grant Writing for Nutritional Sciences Research</td>
<td>2</td>
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</tbody>
</table>

Research

NUTR SCI 731 Research in Progress Seminar 1

NUTR SCI 991 Research Nutrition 3 1-12

Electives

Students select 6 credits of electives from the following or from other courses in consultation with their advisor:

**STAT/F&W ECOL/HORT 571** Statistical Methods for Bioscience I

**STAT/F&W ECOL/HORT 572** Statistical Methods for Bioscience II

**BMOLCHEM 504** Human Biochemistry Laboratory

**BIOCHEM 601** Protein and Enzyme Structure and Function

**BIOCHEM/GENETICS/MICROBIO 612** Prokaryotic Molecular Biology

**BIOCHEM/GENETICS/MD GENET 620** Eukaryotic Molecular Biology

**BIOCHEM 624** Mechanisms of Enzyme Action
<table>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BIOCHEM 625</td>
<td>Mechanisms of Action of Vitamins and Minerals</td>
</tr>
<tr>
<td>BIOCHEM/PHMCOL-M/ZOOLOGY 630</td>
<td>Cellular Signal Transduction Mechanisms</td>
</tr>
<tr>
<td>BIOCHEM/CHEM 665</td>
<td>Biophysical Chemistry</td>
</tr>
<tr>
<td>BIOCHEM/GENETICS 703</td>
<td>Topics in Eukaryotic Regulation</td>
</tr>
<tr>
<td>BIOCHEM 801</td>
<td>Biochemical Applications of Nuclear Magnetic Resonance</td>
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**Total Credits**: 51

1. Student should enroll each semester, unless there is a course conflict.
2. Equivalent experience accepted. Please contact Graduate Program Coordinator.
3. After enrolling in other coursework, students enroll in enough credits of NUTR SCI 991 to reach a total of 12 credits per fall and spring semesters.