**DAIRY SCIENCE, PH.D.**

**REQUIREMENTS**

**MINIMUM GRADUATE SCHOOL REQUIREMENTS**

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), 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

<table>
<thead>
<tr>
<th>Minimum Credit Requirement</th>
<th>51 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Residence Credit Requirement</td>
<td>32 credits</td>
</tr>
<tr>
<td>Minimum Graduate Coursework Requirement</td>
<td>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.</td>
</tr>
<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required.</td>
</tr>
<tr>
<td>Other Grade Requirements</td>
<td>No other specific grade requirements.</td>
</tr>
</tbody>
</table>

**Assessments and Examinations**

Schedule preliminary examination and file request for preliminary examination (by end of fourth semester).

Complete written preliminary examination; complete oral preliminary examination (by end of fifth semester). If passed, warrant should be signed and returned to the Graduate School. Student will be a dissertator.

Complete research and thesis. Regular meetings with the committee are expected. Request for final examination (includes documentation that exam requirements have been met). Final defense and examination.

**Language Requirements**

No language requirements.

**Doctoral Minor/Breadth Requirements**

All doctoral students are required to complete a minor.

**REQUIRED COURSES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DY SCI 900</td>
<td>Seminar (Every graduate student in the department is required to take this course every spring.)</td>
<td>1</td>
</tr>
</tbody>
</table>

Biochemistry Course (must require Organic Chemistry as a prerequisite)

Statistics Course

Dairy or Animal Science Courses

- One course (at least 2 credits, grade of B or better) in each of the following:
  - Animal Genetics
  - Ruminant or Animal Nutrition
  - Animal Physiology
  - Dairy Cattle Management

Special Skills

Complete a course in two of the following areas:

- Educational Principles (DY SCI 799 or other approved course)
- Technical Writing course or Writing Practicum
- Advanced course in Philosophy of Science, History of Science, or Ethics of Science

There are no other specific courses required. Depending on which of the six program areas of research is involved, the doctoral graduate student and mentor committee decide on a plan of study to be completed during the research program. All selected courses must be agreed upon by the student’s graduate committee members and approved by the program certification committee. There are forms developed by the program certification committee that provide written guidelines and must be processed in a timely manner for Ph.D. students in the Dairy Science program, https://dysci.wisc.edu/dairy-science-certification-forms/. All submitted forms are reviewed by the certification committee chairperson.