GENETICS, PHD

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>
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Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

**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

**Requirement Detail**

- **Minimum Credit Requirement:** 51 credits
- **Minimum Residence Credit Requirement:** 32 credits
- **Minimum Graduate Coursework Requirement:** 26 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: https://policy.wisc.edu/library/UW-1244/.

**Overall GPA Requirement:** 3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https://policy.wisc.edu/library/UW-1203/.

- **Other Grade Requirements:** n/a

Assessments and Examinations

At the end of their coursework, student’s complete Preliminary A, a written examination. The purpose of the Preliminary A Examination is to evaluate the student's general knowledge in genetics, their competency in critically analyzing original genetic literature and their ability to formulate experimental solutions to genetic problems. Doctoral students are required to take a comprehensive preliminary/oral examination after they have cleared their record of all Incomplete and Progress grades (other than research and thesis). This Preliminary B Examination should be completed by December 15 of the student’s 3rd year.

Deposit of the doctoral dissertation in the Graduate School is required.

**Language Requirements**

No language requirement.

**Graduate School Breadth Requirement**

All doctoral students are required to complete a doctoral minor or graduate/professional certificate. Refer to the Graduate School: Breadth Requirement in Doctoral Training policy: https://policy.wisc.edu/library/UW-1200/.

**REQUIRED COURSES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>GENETICS 701</td>
<td>Advanced Genetics</td>
<td>3</td>
</tr>
<tr>
<td>GENETICS 702</td>
<td>Advanced Genetics II</td>
<td>3</td>
</tr>
<tr>
<td>GENETICS/MD GENET 707</td>
<td>Genetics of Development</td>
<td>3</td>
</tr>
<tr>
<td>GENETICS/MD GENET 708</td>
<td>Methods and Logic in Genetic Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ONCOLOGY 715</td>
<td>Ethics in Science</td>
<td>1</td>
</tr>
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Elective: Any graduate level Genetics course (including special topics)

Four seminars

Specialized elective coursework at the discretion of your thesis committee

**Total Credits** 51

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1. GENETICS/MD GENET 707 Genetics of Development and GENETICS/MD GENET 708 Methods and Logic in Genetic Analysis are taken by the first and second years together; GENETICS/MD GENET 707 is offered one year and GENETICS/MD GENET 708 the next.

2. Permission must be obtained to register from the cancer biology department.

3. Students wishing to take a course outside of Genetics course offerings may petition the Graduate Program Committee.