GENETICS, PHD

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (https:// guide.wisc.edu/graduate/#requirementstext) and policies (https:// guide.wisc.edu/graduate/#policiestext), in addition to the program requirements listed below.

MAJOR REQUIREMENTS MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

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 (https://policy.wisc.edu/library/UW-1244/).
Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https:// policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/ library/UW-1203/).
Other Grade	n/a

Requirements

Assessments At the end of their coursework, student's complete an oral and thesis proposal defense examination (prelim) that judges

and thesis proposal defense examination (prelim) that judges Examinations their broad knowledge in genetics, their knowledge of their chosen research area, and their ability to synthesize knowledge to design rigorous research approaches. This prelim should be completed by August 31 of the student's

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

Language No language requirement.

second year in the program.

Requirements

GraduateAll doctoral students are required to complete a doctoralSchoolminor or graduate/professional certificate. Refer to theBreadthGraduate School: Breadth Requirement in DoctoralRequirementTraining policy: https://policy.wisc.edu/library/UW-1200(https://policy.wisc.edu/library/UW-1200/).

REQUIRED COURSES

Code	Title	Credits
Core		
GENETICS 701	Advanced Genetics	3
GENETICS 702	Advanced Genetics II	3
GENETICS/ MD GENET 707	Genetics of Development ¹	3
GENETICS/ MD GENET 708	Methods and Logic in Genetic Analysis ¹	3
GENETICS 808	From Genes to Grants: Writing Winning Research Proposals in Genetics	2

Responsible Conduct in Research

Students must complete an approved responsible conduct1-3in research course. Common examples students use tocomplete this requirement are below. Students may needpermission to enroll in courses and should consult with theGraduate Program Manager to ensure they enroll in thecorrect section of BIOCHEM 729.

ONCOLOGY 715 Ethics in Science

- or BIOCHEM 729Advanced Topics
- or BMOLCHEM/Responsible Conduct in Bioscience Research BIOCHEM 701

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Elective

Any graduate level GENETICS course including special topics courses may satisfy the elective requirement. Students wishing to take a course outside of Genetics course offerings may petition the Graduate Program Committee.

Seminars

Students must comp	ete four seminars and present during
each seminar, includiı	ng two student colloquiums.
GENETICS 993	Seminar in Genetics

Additional Coursework

To meet the 51-credit requirement, students must	26-3
complete additional coursework from the following.	
Research	

Research (990) credits may be applied towards degree requirements. Students will register for research credits in the home department of their faculty advisor.

GENETICS 990 Research

Specialized Electives

Students may also need to complete specialized elective coursework at the discretion of their thesis committee.

Total Credits

51

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.