

Genome, Cell, and Developmental Biology PhD

*90 total credit hours. 18 hours from Core Program course work. Research Ethics training (BIOL-L 524 Ethics and Career Development (1.5 cr) OR [Responsible Conduct of Research](#) workshops). 6 credit outside minor. All remaining credits earned through L800 Research

[Biology Graduate Bulletin](#)

*Please note that as long as you are supported you must always be registered in a minimum of 6 to a maximum of 12 credits in each fall and spring semester.

*This document will serve as a guide. Your path may be slightly different based on your circumstances! Please reach out to your Program Director and Graduate Advisor if you have any questions.

Year 1

Fall semester – 12 credits

- BIOC-B511 Duplicating and Expressing the Genome (3.0 cr)
- BIOL-L585 Genetics (3.0 cr)
- BIOL-L523 Critical Analysis Lit. (1.5 cr)
- BIOL-L501 Rotations (3.0 cr)
- BIOL-L800 Research (1.5 cr)

Spring semester – 12 credits

- BIOL-L586 Cell Biology (3.0 cr)
- BIOL-L587 Dev. Biology (3.0 cr)
- Remaining credits this semester should be Z620's or other electives and/or minor courses and/or M800 Research

To Do: At end of 1st year- form **Advisory Committee**. Committee must be formed and eDoc submitted **before** August of this year.

- [General Requirements for PhD Advisory Committee](#)
- [Advisory Committee for the PhD eDoc](#)
- [Change of Advisory Committee eDoc \(if you need to add or remove members at any time\)](#)

Year 2

Fall Semester – 12 credits

- BIOL-Z620 Grant Writing (1.5 cr)
- Remaining credits this semester should be Z620's or other electives and/or minor courses and/or M800 Research

**Hold first committee meeting this semester*

Spring Semester – 12 credits

- Credits this semester should be Z620's or other electives and/or minor courses and/or M800 Research

Year 3

Fall Semester – 12 credits

- Credits this semester Credits this semester should be Z620's or other electives and/or minor courses and/or M800 Research
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Prelim Exam this semester. This qualifying exam must be passed **at least eight months before graduation*

Spring Semester – 12 credits

- BIOL-L524 Ethics and Career Development (1.5 cr)
- Remaining credits this semester should be Z620's or other electives and/or minor courses and/or M800 Research

>All course work completed<

To Do: At the end of this semester, if you have completed all coursework for your major and minor and passed your prelim exams, submit your Nomination to Candidacy eDoc. **This form takes several months to approve, and is an important milestone on your way to graduation. Submit this eDoc as soon as possible!**

- [General Requirements for Admission to PhD Candidacy](#)
- [Nomination to Candidacy for the Ph.D. Degree Application eDoc](#)

Year 4

Fall Semester – 12 credits

- BIOL-L800 Research (12 cr)

To Do: Once your candidacy has been approved by the University Graduate School, submit your Nomination of Research Committee eDoc. Due by the end of spring semester. **This eDoc must be approved by the University Graduate School at least six months before you defend your dissertation.**

- [General Requirements for Dissertation Research Committee](#)
- [Nomination of Research Committee eDoc](#)

Spring semester – 6 credits

- BIOL-L800 Research (6 cr)

Year 5+

- At this point you will most likely have completed 90 credit hours. If you have completed 90 credits and your PhD Candidacy has been approved by the University Graduate School, you may register for [BIOL-G901 Advanced Research](#) each semester.
- You are allowed 6 semesters of G901 enrollment. G901 enrollment allows you to pay just a \$150 advanced research fee per semester instead of the normal \$700+ mandatory fees.

Dissertation Defense and Graduation

- Your graduation can happen in any month, and is based on your research and writing completion, and your committee's approval.
- When you're ready, and all other eDocs have been completed, submit your PhD [defense announcement](#). **This announcement must be approved by UGS at least 30 days prior to your defense.** To allow time for processing, please submit this no later than **45 days before your defense date**. Your announcement will go to your department graduate office for approval, and then to your research chair for approval, and finally to the University Graduate School for processing.
 - If you plan to defend and graduate in the summer, you must register for summer G901 credits. These credits require special administrative permission, so let your Graduate Advisor know.
- After your defense submit the [Defense Signature](#) eDoc for committee approval.
- Follow the UGS guidelines for dissertation [formatting requirements](#), [submission methods](#), and [deadlines](#).

Congrats on completing your PhD!

Other Helpful websites:

[College of Arts and Sciences- Information for Graduate Students](#)

[University Graduate School- Timeline for Graduation](#)

[University Graduate School Bulletin- Biology](#)

[Dissertation and Thesis Resources – Biology](#)