



Department of Microbiology

Franklin College of Arts and Sciences

UNIVERSITY OF GEORGIA

“Track System for Timing of MIBO8120”

Changes to the “Typical Program of Study”: After gathering feedback from current graduate students, the faculty has voted to adopt an informal “track system” for new microbiology graduate students beginning in Fall 2023.

While MIBO8120 Foundations of Microbiology remains a fundamental course to be taken by all of our graduate students, we are altering our recommendation of when to take this course according to the following track system.

Prior to enrolling, you should discuss with your new PI which of these options best fits your background and planned research program.

Bacteriology track A: For students entering labs with projects focused on prokaryotic biology without an existing microbiology BS or MS.

- Take MIBO6090 Prokaryotic Biology in Spring 2024
- MIBO8120 in Spring 2025.

** Note that MIBO6090 can be counted towards the 5 credit elective requirement.

Bacteriology track B: For students with existing microbiology BS or MS.

- Take MIBO8120 in Spring 2024.
- Consider other electives to take in Spring 2025 to fulfill our graduate-level elective requirement.

Eukaryotic Microbiology track:

- Take MIBO8960 Fungal Genetics in Spring 2024
- MIBO8120 in Spring 2025.

**Note that MIBO8960 can count towards the graduate level elective requirement.

Typical Program of Study

PhD Microbiology:

FIRST YEAR

*Select [Advisory Committee](#) by end of summer

Fall:

- GRSC8000 (PhD Lab Rotations) (variable credits)
- GRSC8010 (Professional Development) (1 credits)
- GRSC8020 (Primary Literature Skills) (2 credits)
- GRSC8550 (Responsible Conduct of Research) (1 credit)
- Electives: GRSC8200 (Communicating Research and Scholarship) (1 credit)

Total of 18 Credits

Spring:

- MIBO6010 Critical Review of Research in Microbiology, Lab Meeting (2 credits)
 - MIBO6090 Prokaryotic Biology (4 credits)
- **OR**
- MIBO8120 Foundations of Microbiology (5 credits)
See "Track System for timing of MIBO8120"
- MIBO8150 (1 credit, repeated 8x)
- MIBO8170 Student Seminar (1 credit, repeated 8 x)
- MIBO9000 PhD Research (Variable credits)
- GRSC7770 Graduate Teaching & Career Development (1 credit)
- Possible Elective

Total of 18 Credits

Summer:

- MIBO9000 PhD Research (Variable credits)

Total of 15 Credits

SECOND YEAR

*Have [research proposal](#) approved by committee before the end of the Fall semester.

*Complete [Written Exam](#) by midterm of Spring and pass oral defense of it before last day of class, Fall semester year 3.

Fall:

1. MIBO6010 Critical Review of Research in Microbiology, Lab Meeting (2 credits)
2. MIBO8150 (1 credit, repeated 8x)
3. MIBO8170 Student Seminar (1 credit, repeated 8 x)
4. 3 - Part Module Below (each module is 1 credit and meets for 1/3 of semester)
 - MIBO8620 Introduction to Proposal Writing (optional)
 - MIBO8630 Quantitative Macromolecule Analysis
 - MIBO8640 Statistics (or other full-length statistics course)
5. MIBO9000 PhD Research (variable credits)
6. Possible Elective

Total of 18 Credits

Spring

1. MIBO6010 Critical Review of Research in Microbiology, Lab Meeting (2 credits)
2. MIBO8120 Foundations of Microbiology (5 credits) **If not taken in Spring year 1**
3. MIBO8150 (1 credit, repeated 8x)
4. MIBO8170 Student Seminar (1 credit, repeated 8 x)
5. MIBO9000 PhD Research (variable credits)
6. Possible Elective

Total of 18 Credits

Summer:

1. MIBO9000 PhD Research (variable credits)

Total of 15 Credits

THIRD YEAR AND BEYOND

- *Pass [Oral Exam](#) by first day of finals, Fall Year 3
- *Have [annual committee meeting](#) with your research committee (beginning one year after achieving candidacy)
- *Serve as [Teaching Assistant](#) for two semesters

1. MIBO6010 Critical Review of Research in Microbiology, Lab Meeting (2 credits)
2. MIBO8150 (1 credit, repeated 8x)
3. MIBO8170 Student Seminar (1 credit, repeated 8x)
4. Electives (as necessary, many students will have no more electives at this point)
5. MIBO9000 PhD Research (variable credits)

Total of 18 hours

SEMESTER OF GRADUATION

1. MIBO9000 PhD Research (variable credits)
2. MIBO9300 PhD dissertation preparation (3 credits, taken in semester of graduation)

Total of 18 hours (15 if in Summer)