

Please read all the requirements below that you must follow in order to graduate. If you have questions about course content or course order, contact your academic advisor, Jonathan Orsini, at jorsini@ufl.edu. If you have questions about registration, admission, or anything else, contact [dessa@ahc.ufl.edu](mailto:dess@ahc.ufl.edu).

Required courses

- 20 credits of required courses must be completed before you can graduate (including 3 module courses).

Course #	Course Title	Credits	Fall	Spring	Summer
MCB 6940	Career Seminar	1	x	x	Sum A
BSC 6459	Fundamentals in Bioinformatics	2	x		
BCH 5413	Eukaryotic Molecular Biology and Genetics	3	x	x	x
MCB 5252	Microbiology, Immunology & Basis for Immunotherapeutics	4		x	Sum A
MCB 5505	Virology	3		x	

- Students are required to complete at least one of the following:

Course #	Course Title	Credits	Fall	Spring	Summer
MCB 5205	Microbiology of Human Pathogens	3	x		
-OR-					
GMS 6121	Infectious Disease	3	x	x	Sum C

- Students are required to complete at least one of the following:

Course #	Course Title	Credits	Fall	Spring	Summer
MCB 7922	Journal Colloquy – Host/Microbe Interactions (repeatable)	1	x	x	
-OR-					
GMS 7192	Journal Colloquy – Infectious Disease (take with GMS 6121)	1	x	x	Sum C
GMS 7192	Journal Colloquy – Bacteriology (take with GMS 6108)	1	x	x	Sum C

- Students are required to complete at least three credits of module coursework:

Course #	Course Title	Credits	Fall	Spring	Summer
MCB 6355	Microbial/Host Defense – PCB 5235 suggested Co-req	1		x	
MCB 6772	Advanced Topics in Cell Biology	1		x	
MCB 6457	Metabolic Regulation (synchronous live web broadcast)	1		x	
MCB 6417	Microbial Metabolism and Energetics	1	x		
MCB 6317	Molecular Biology of Gene Expression	1	x		
MCB 6318	Comparative Microbial Genomics Pre-Req: BSC 6459	2		x	

Introductory Course Track

- These 2 courses for 7 credits are required for students in the Introductory Online MS track only (track available Fall 2016). Students with prior experience in Microbiology and Biochemistry do not need to take these courses. Both courses are available as electives, if desired (*requires department permission to register*).

MCB 6937	Biology of Microorganisms	3	x	x	Sum A
GMS 5905	Fundamentals in Biochemistry	4	x	x	Sum C

Elective Courses

- Students must complete 10 elective credits in order to graduate.

Course #	Course Title	Credits	Fall	Spring	Summer
MCB 6937	Advanced Bacterial Genetics	3	x		
MCB 6937	Microbial Applications of Synthetic Biology	3	x		
MCB 6937	Bacterial Physiology	3	x		
MCB 6781	Archaea and Biotechnology	3	x		
MCB 6937	Human Genomics	3	x		
GMS 6108	Advanced Bacteriology (<i>GMS 6121 or MCB 5205 pre-req</i>)	3	x	x	Sum C
MCB 6937	Molecular Genetics	3		x	Sum C
PCB 5235	Immunology	3		x	
GMS 6132	Introductory Gene and Immunotherapy	2		x	
MCB 6937	Post Translational Modifications in Microbiology	1			Sum A
MCB 6937	Microbial Diversity	3			Sum A

Graduation

- Students must take at least 3 credits in the final fall/spring (2 in summer) semester to graduate.
- 30 credits are required to complete the degree (37 credits required in introductory online MS track).
- Only courses completed with a grade of C or higher can be counted towards the degree.
- You must maintain both a 3.0 overall GPA and 3.0 major GPA in order to graduate.
- 15 credits must be completed in courses with a MCB, PCB, or BSC
- Satisfactorily complete a comprehensive examination in the last semester of coursework:
<http://microbiologyonline.ifas.ufl.edu/student-resources/graduation-info/>