



College of Agricultural and Life Sciences
Department of Microbiology and Cell Science

Please read the requirements below that you must follow to graduate. If you have questions about admission, course planning, or registration contact your academic advisor at mcs-clm@ifas.ufl.edu.

Graduation Requirements

- 18 credits are required to complete the degree.
- Only courses completed with a grade of C or higher can be counted towards the degree.
- Students must maintain both a 3.0 overall GPA and 3.0 major GPA to graduate.
 - A lower GPA will result in academic probation and possible dismissal from the program.

Required courses

Students are required to complete the courses below (18 credits):

Course	Course title	Credits	Fall	Spring	Summer
MCB5252	Microbiology, Immunology & Basis for Immuno-Therapeutics (pre-req: microbiology course)	4		✓	Sum A*
PCB5235	Immunology (pre-req: microbiology course)	3		✓	
MCB5270	AMR (pre-req: microbiology course)	3	✓	✓	
MCB5666	Clinical research, quality control	1	✓	✓	
MCB5256	Clinical Mycology, Virology and Parasitology (pre-req: microbiology course)	3	✓	✓	
MCB5942L	Clinical Microbiology Lab (pre-req: microbiology lab course)	2	✓		✓
MCB5945L	Clinical Experience in Microbiology (pre-req: MCB5942L)	2	✓		✓

Replacement courses

Students are required to take one of the following elective courses **IF** they have already taken MCB4271.

Course	Course title	Credits	Fall	Spring	Summer
MCB6796	Analysis, interpretation and visualization of microbiological data	3	✓		
MCB6656	Environmental microbiology	3	✓		
MCB6424	Probiotics	3		✓	
MCB6670C	The Microbiome	3		✓	

Students are required to take the following course **IF** they have already taken PCB4233 or PCB5235.

Course	Course title	Credits	Fall	Spring	Summer
MCB5215	Clinical Immunology	1	✓	✓	

Introductory Course Track

These 2 courses are required in addition to the standard 18 credits for students who are lacking a foundation in microbiology and microbiology laboratory. It will be noted in your admission email if you are required to take either of these courses.

Course	Course title	Credits	Fall	Spring	Summer
MCB5305L	Microbiology lab	2			A*
MCB6937	Biology of Microorganisms	3	✓	✓	A*

* Summer A refers to the first six-week summer session, mid-May through late June.