Microbiology, PhD

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Microbiology, PhD

Course	Title	Hours
Academic Career		
Any Semester		
72 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. [a, b, c]		
Graduate College program GPA of at least 3.00 is required. [d]		
	Hours	**0**
First Year		
Fall		
BMED:7270	Scholarly Integrity/Responsible Conduct of Research I	0
MICR:6247	Graduate Immunology and Human Disease	4
MICR:6255	Graduate Experimental Approaches to Molecular Microbiology	2
MICR:6259	Graduate Bacteria and Human Disease	4
MICR:6267	Graduate Viruses and Human Disease	3
MICR:7261	Graduate Research in Microbiology	1
MICR:7263	Graduate Student Research Seminar	1
	Hours	**15**
Spring		
MICR:6201	Graduate Immunology	3
MICR:6268	Biology and Pathogenesis of Viruses	2
MICR:6310	Biology of Bacteria and Interactions With the Host	2
MICR:7261	Graduate Research in Microbiology	5
MICR:7263	Graduate Student Research Seminar	1
Elective course		2
	Hours	**15**
Second Year		
Fall		
BMED:7271	Scholarly Integrity/Responsible Conduct of Research II	0
MICR:6265	Introduction to Grant Writing	2
MICR:6270	Graduate Bacterial Genetics	3
MICR:7261	Graduate Research in Microbiology	5
MICR:7263	Graduate Student Research Seminar	1
MICR:7265	Topics in Virology Literature	1
Elective course		3
	Hours	**15**
Spring		
Exam: Doctoral Comprehensive Exam		
MICR:6268	Biology and Pathogenesis of Viruses	2
MICR:6310	Biology of Bacteria and Interactions With the Host	2
MICR:7261	Graduate Research in Microbiology	6
MICR:7263	Graduate Student Research Seminar	1
Elective course		4
	Hours	**15**
Third Year		
Fall		
MICR:7261	Graduate Research in Microbiology	1
MICR:7263	Graduate Student Research Seminar	1
	Hours	**2**
Spring		
MICR:7261	Graduate Research in Microbiology	1
MICR:7263	Graduate Student Research Seminar	1
	Hours	**2**
Fourth Year		
Fall		
MICR:7261	Graduate Research in Microbiology	1
MICR:7263	Graduate Student Research Seminar	1
	Hours	**2**
Spring		
MICR:7261	Graduate Research in Microbiology	1
MICR:7263	Graduate Student Research Seminar	1
	Hours	**2**
Fifth Year		
Fall		
MICR:7261	Graduate Research in Microbiology	1
MICR:7263	Graduate Student Research Seminar	1
	Hours	**2**
Spring		
MICR:7261	Graduate Research in Microbiology	1
MICR:7263	Graduate Student Research Seminar	1
Exam: Doctoral Final Exam [e]		
	Hours	**2**
	Total Hours	**72**

a Graduate students rotate through two to three different laboratories during their first academic year.

b Graduate students participate in the formal teaching activities of the department for at least two semesters.

c Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

d Graduate College program GPA is comprised of all courses that are approved degree requirements. If a student takes more than the minimum required number of semester hours to complete the degree, but all courses taken are eligible to count toward the degree, those courses will be included in the Graduate College program GPA.
e Program seminar followed by the dissertation defense.