

<b>PhD Recommended Course of Study in Immunology</b>	
<b>Semester 1 (BSDP) - Fall</b> (taken by all 1st yr students)	<b>CREDITS</b>
BIOC 530 Mod 1: Protein Structure and Function	2
BIOC 531 Mod 2: Basic Metabolism	1
BIOC 532 Mod 3: Central Dogma of Molec	1
BIOC 533 Mod 4: Lipids/Membranes & Bio	1
BIOC 691-802 Critical Thinking	1
IBMS 600 Laboratory Safety	1
IBMS 610 Research Opportunities	0.5
IBMS 620 Laboratory Rotations	2
IBMS 620 Laboratory Rotations	2
IBMS 690 Research Seminar [Can be substituted by MICR 690]	1
MICR505 Immunobiology	3
MICR515 Principles of Molecular Microbiology	3
<b>Total</b>	<b>18.5</b>
<b>Semester 2 (BSDP) - Spring</b>	
BIOC 691-802 Critical Thinking (1)	1
IBMS 620 Laboratory Rotations (2)	4
IBMS 680 Proposal Preparation	1
MICR/BIOC 504 Biochem. Mol. Cell Biol. (5)	5
IBMS 690 Basic Health Science Research Seminar or MICR690 Departmental & Student Seminars (Attendance required)	1
MICR686 Advanced Immunology (3)	3
<ul style="list-style-type: none"> <li>• <b>Cumulative GPA of 3.0 required to continue</b></li> <li>• <b>Permanent Advisor Chosen after rotations completed</b></li> </ul>	
<b>Total</b>	<b>15</b>
<b>Summer (ENTER MICRO/IMMUNO)</b>	
MICR697 Research (3-6 credits)	<b>3</b>
<b>Year 2: Semester 3 - Fall</b>	
MICR607 Techniques in Molecular Biology & Genetics (2)	2
MICR697 Research (variable credits)	
OVPR 601 Scientific Integrity (1)	1
MICR690 Departmental & Student Seminars (Attendance required)	1
MICR 694 Current Topics in Immunology (1, Pass/Fail)	
<b>Year 2: Semester 4 - Spring</b>	
MICR697 Research (variable credits)	
MICR690 Departmental & Student Seminars (Attendance required)	1
MICR686 Advanced Immunology (3)	

MICR 694 Current Topics in Immunology (1, Pass/Fail)	
• <i>Written Exam - Should have completed 40 Credit hours (exclusive of research hours)</i>	<b>75</b>
<b>Summer</b>	
MICR697 Research (3-6 credits)	
<b>Year 3: Fall</b>	
MICR697 Research (variable credits)	
MICR690 Departmental & Student Seminars (Attendance required)	<b>1</b>
MICR 694 Current Topics in Immunology (1, Pass/Fail)	
• <i>Oral Examination (should be completed within 6 months of written examination)</i>	
<b>Year 3: Spring</b>	
MICR697 Research (variable credits)	
MICR690 Departmental & Student Seminars (Attendance required)	<b>1</b>
MICR 694 Current Topics in Immunology (1, Pass/Fail)	
<b>Summer</b>	
MICR697 Research (3-6 credits)	
<b>Year 4: Fall</b>	
MICR697 Research (variable credits)	
MICR690 Departmental & Student Seminars (Attendance required)	<b>1</b>
MICR 694 Current Topics in Immunology	<b>1</b>
<b>Year 4: Spring</b>	
MICR697 Research (variable credits)	
MICR690 Departmental & Student Seminars (Attendance required)	<b>1</b>
MICR 694 Current Topics in Immunology (1, Pass/Fail)	
<b>Summer</b>	
MICR697 Research (3-6 credits)	
<b>Year 5: Fall</b>	
MICR697 Research (variable credits)	
MICR690 Departmental & Student Seminars (Attendance required)	<b>1</b>
MICR 694 Current Topics in Immunology (1, Pass/Fail)	
<b>Year 5: Spring</b>	
MICR697 Research (variable credits)	
MICR690 Departmental & Student Seminars (Attendance required)	<b>1</b>
MICR 694 Current Topics in Immunology (1, Pass/Fail)	

<b>Summer</b>	
MICR697 Research (3-6 credits)	
<b>Year 6: Fall</b>	
MICR697 Research (variable credits)	
MICR690 Departmental & Student Seminars (Attendance required)	1
MICR 694 Current Topics in Immunology (1, Pass/Fail)	
<b>Year 6: Spring</b>	
MICR697 Research (variable credits)	
MICR690 Departmental & Student Seminars (Attendance required)	1
MICR 694 Current Topics in Immunology (1, Pass/Fail)	
<b>Summer</b>	
MICR697 Research (3-6 credits)	
<b>TOTALS</b>	<b>84</b>
Graduate Formal Coursework - 202	
Core - 44.5	
Electives - 15	
Directed Research - minimum of 143 hours (Additional Credit hours may be necessary)	