

IMMUNOLOGY, PH.D.

Degree Requirements

Candidates admitted directly into the Ph.D. program or wishing to transfer from the M.Sc. to the Ph.D. program must pass a thesis proposal defence taken within the first 18 or 16 months, respectively, of their admission into the Department. In addition, the candidacy examination required of all students in the Ph.D. program will be in the form of a research proposal.

Expected Time to Graduate: 4 - 5 years

Progression Chart

9 Credit Hour Option

Students Entering With a M.Sc. Degree in Immunology ¹

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
Hours		0
Year 2		
IMMU XXXX	Courses in an area of the department	6
COURSE 7XXX	Approved coursework designated 7000 level	3
Thesis Proposal ²		
Hours		9
Year 3		
GRAD 8010	Doctoral Candidacy Examination ³	0
Hours		0
Year 4		
GRAD 8000	Doctoral Thesis	0
Hours		0
Total Hours		9

¹ Students entering with a M.Sc. degree in Immunology do not need to take the IMMU 7070 or IMMU 7100. They will only need to take at least 6 credit hours offered by Immunology and/or other graduate departments.

² The thesis proposal is normally initiated within 18 months of beginning graduate studies in the Department, and must be completed within two years of starting the program.

³ The written component of the exam is in the form of a grant proposal to a major funding agency.

Notes:

- All students are required to attend the weekly Immunology Research Seminar and weekly Immunology Journal Club for the duration of their program (2 hours per week Sept-May), and do a presentation once per year in each program. A minimum 80% attendance is required.
- Within the first 3 months of the program, advisory committee members should be presented with an outline of the proposed research.

15 Credit hour Option

M.Sc. Students Entering Without Adequate Background in Immunology

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
IMMU 7070	Introductory Immunology	3
IMMU 7100	Advanced Topics in Immunology	3
IMMU XXXX	Courses in an area of the department	3
Hours		9
Year 2		
IMMU XXXX	Courses in an area of the department	3
COURSE 7XXX	Approved coursework designated 7000 level	3
Thesis Proposal ¹		
Hours		6
Year 3		
GRAD 8010	Doctoral Candidacy Examination ²	0
Hours		0
Year 4		
GRAD 8000	Doctoral Thesis	0
Hours		0
Total Hours		15

¹ The thesis proposal is normally initiated within 18 months of beginning graduate studies in the Department, and must be completed within two years of starting the program.

² The written component of the exam is in the form of a grant proposal to a major funding agency.

Notes:

- All students are required to attend the weekly Immunology Research Seminar and weekly Immunology Journal Club for the duration of their program (2 hours per week Sept-May), and do a presentation once per year in each program. A minimum 80% attendance is required.
- Within the first 3 months of the program, advisory committee members should be presented with an outline of the proposed research.

18 Credit Hour Option

Students Entering with an Honours Bachelor Degree

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
IMMU 7070	Introductory Immunology	3
IMMU 7100	Advanced Topics in Immunology	3
IMMU XXXX	Courses in an area of the department	3
Hours		9
Year 2		
IMMU XXXX	Courses in an area of the department	3
COURSE 7XXX	Approved coursework designated 7000 level	6

Thesis Proposal ¹

	Hours	9
Year 3		
GRAD 8010	Doctoral Candidacy Examination ²	0
	Hours	0
Year 4		
GRAD 8000	Doctoral Thesis	0
	Hours	0
	Total Hours	18

¹ The thesis proposal is normally initiated within 18 months of beginning graduate studies in the Department, and must be completed within two years of starting the program.

² The written component of the exam is in the form of a grant proposal to a major funding agency.

Notes:

- All students are required to attend the weekly Immunology Research Seminar and weekly Immunology Journal Club for the duration of their program (2 hours per week Sept-May), and do a presentation once per year in each program. A minimum 80% attendance is required.
- Within the first 3 months of the program, advisory committee members should be presented with an outline of the proposed research.