

BIOLOGICAL SCIENCES, PH.D.

Degree Requirements

Admission to the Ph.D. from a Master's Degree: a minimum of six credit hours of graded course work at the 7000 level (including the core course BIOL 7220: Critical Thinking in Biological Sciences), and a thesis are required.

Admission to the Ph.D. from an Honours Bachelor's Degree or equivalent: a minimum of 12 credit hours of graded course work at the 7000 level (including two core courses, BIOL 7100: Core Skills in Biological Sciences Research and BIOL 7220: Critical Thinking in Biological Sciences), and a thesis are required.

Upon recommendation by the Advisory Committee, the student may be required to take additional coursework beyond the minimum requirement.

Expected Time to Graduate: 3 - 4 years

Progression Chart

Where admission is directly from Master's¹:

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
BIOL 7220	Critical Thinking in Biological Sciences	3
BIOL 7XXX	Major subject at 7000 level	3
Hours		6
Year 2		
GRAD 8020	Doctoral Re-registration	0
GRAD 8010	Doctoral Candidacy Examination	0
Hours		0
Year 3		
GRAD 8020	Doctoral Re-registration	0
Hours		0
Year 4		
GRAD 8020	Doctoral Re-registration	0
GRAD 8000	Doctoral Thesis	0
Hours		0
Total Hours		6

¹ Where admission to the Ph.D. is directly from a Master's Degree, a minimum of six (6) credit hours of graded course work at the 7000 level (including the core course BIOL 7220), and a thesis are required.

Where admission is directly from an Honours Bachelor's Degree or equivalent¹:

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
BIOL 7100	Core Skills in Biological Sciences Research	3
BIOL 7220	Critical Thinking in Biological Sciences	3

BIOL 7XXX	Major subject at 7000 level	6
Hours		12
Year 2		
GRAD 8020	Doctoral Re-registration	0
GRAD 8010	Doctoral Candidacy Examination	0
Hours		0
Year 3		
GRAD 8020	Doctoral Re-registration	0
Hours		0
Year 4		
GRAD 8020	Doctoral Re-registration	0
GRAD 8000	Doctoral Thesis	0
Hours		0
Total Hours		12

¹ Where admission to the Ph.D. is directly from an Honours Bachelor's Degree or equivalent, a minimum of 12 credit hours of graded course work at the 7000 level (including two core courses, BIOL 7100 and BIOL 7220), and a thesis are required.