

# 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's<sup>1</sup>:

Course	Title	Hours
<b>Year 1</b>		
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
<b>Hours</b>		<b>6</b>
<b>Year 2</b>		
GRAD 8020	Doctoral Re-registration	0
GRAD 8010	Doctoral Candidacy Examination	0
<b>Hours</b>		<b>0</b>
<b>Year 3</b>		
GRAD 8020	Doctoral Re-registration	0
<b>Hours</b>		<b>0</b>
<b>Year 4</b>		
GRAD 8020	Doctoral Re-registration	0
GRAD 8000	Doctoral Thesis	0
<b>Hours</b>		<b>0</b>
<b>Total Hours</b>		<b>6</b>

<sup>1</sup> 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 equivalent<sup>1</sup>:

Course	Title	Hours
<b>Year 1</b>		
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
<b>Hours</b>		<b>12</b>
<b>Year 2</b>		
GRAD 8020	Doctoral Re-registration	0
GRAD 8010	Doctoral Candidacy Examination	0
<b>Hours</b>		<b>0</b>
<b>Year 3</b>		
GRAD 8020	Doctoral Re-registration	0
<b>Hours</b>		<b>0</b>
<b>Year 4</b>		
GRAD 8020	Doctoral Re-registration	0
GRAD 8000	Doctoral Thesis	0
<b>Hours</b>		<b>0</b>
<b>Total Hours</b>		<b>12</b>

<sup>1</sup> 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.