

# Course Requirements

As of 9/6/2018

## PhD in Biology

Coursework	Credit Hours
Thesis Research (BIOL 9000)	18
Biology Seminar (BIOL 8002 and BIOL 8003)	2
Tools of Science (BIOL 8106)	2
Coursework (letter grade) approved by thesis committee. This coursework must meet the following three criteria: <sup>1-6</sup>	18 (total)
At least 9 of the 18 hrs must be graduate courses (6000 level or higher) with a letter grade	
At least 9 of the 18 hrs must be Biology courses (BIOL 4XXX – 8XXX), with a letter grade	
9 of the 18 hrs must fulfill the requirement for an approved minor <sup>3</sup>	
<b>Total Required</b>	<b>40</b>

### Important Notes:

1. Each individual course may be used to meet more than one of the three criteria; i.e. BIOL 6XXX can be used to fulfill 3 of the 9 hours of the graduate course requirement, 3 of the 9 hours of the Biology course requirement and 3 of the 9 hours for an approved minor. However a 3hr course only counts as 3hrs toward the **18 hour total** coursework requirement.
2. A maximum of three credit hours of Special Problems - Research (BIOL 890X) and six credit hours of additional seminar courses may be counted toward the 18 hour total requirement.
3. The minor is an Institute requirement and should be in a field of study outside your own area of specialization. In recent years, students have chosen minor fields within the department (e.g., microbiology, cell biology) as well as in other departments (e.g., biochemistry) or interdisciplinary fields (e.g., chemical ecology or biogeochemistry)
4. A student may request to apply up to nine credit hours of graduate level courses taken at another university toward the above curriculum requirements. The courses must be relevant to a student's doctoral studies and must be approved by the student's thesis advisory committee and the School's Graduate Committee. A student may petition the School's Graduate Committee to apply additional credit hours as outlined on page 12 if special circumstances exist.
5. Teaching and Research Assistantships (BIOL 8997 and 8998) are not real courses and are for bookkeeping only. Do not put these on your Program of Study Form.
6. Any deviation from the Planned Program of Study requires approval of the thesis advisor and Graduate Committee.

### **MS Biology – Thesis**

<b>Coursework</b>	<b>Credit Hours</b>
Biology graduate courses (BIOL 6000-9000) with a letter grade	12
MS thesis (BIOL 7000)	9
Special Problems – Research (BIOL 890X)	7
Biology Seminar (BIOL 8002 and BIOL 8003)	2
Other biology courses (4000 or higher) with a letter grade	6
<b>Total Required</b>	<b>36</b>

### **MS Biology – Non thesis**

<b>Coursework</b>	<b>Credit Hours</b>
Biology graduate courses (BIOL 6000-9000) with a letter grade	15
Other graduate courses (6000-9000) with a letter grade. These may be taken in biology or other departments	9
Other biology courses (4000 or higher) with a letter grade	6
Special Problems – Research (BIOL 890X)	4
Biology Seminar (BIOL 8002 and BIOL 8003)	2
<b>Total Required</b>	<b>36</b>