## DOCTORAL DEGREE REQUIREMENTS

General policies for all University of Oklahoma doctoral programs are available in the [Graduate College Bulletin](#).

### DOCTOR of PHILOSOPHY

<table>
<thead>
<tr>
<th>MAJOR: Biology</th>
<th>CONCENTRATION: Bioinformatics</th>
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<tbody>
<tr>
<td>Program effective Fall 2012</td>
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### COURSEWORK REQUIREMENTS

90 graduate credit hours as specified by the Advisory Committee.

Students are encouraged to take independent research in Bioinformatics during their first two semesters of study.

#### Coursework

- **BIOL G4913**: Quantitative Biology, or equivalent G4000/5000-level statistics course ................................................................. 3 hours
- **BIOL 5903**: Bioinformatics: Applications ............................................................................................................. 3 hours
- **BIOL 5913**: Bioinformatics: Programming ........................................................................................................ 3 hours
- **30+ hours graduate coursework** .......................................................................................................................... 30+ hours

Bioinformatics students are required to take at least two courses from non-host departments (BIOL 5903 and 5913 may not be used to satisfy this requirement). The student’s dissertation advisory committee will determine other specific course requirements.

**Total** ................................................................................................................................. 39+ hours

#### Dissertation Research

- **BIOL 6980**: Research for Doctoral Dissertation ........................................................................................................ 30+ hours

  30 hours minimum

- **TOTAL** ................................................................................................................................. 90 hours