### GENERAL REQUIREMENTS

**Minimum Total Hours** ............................................. **36**  
**THESIS ONLY**  

### REQUIRED COURSES

#### Required Courses:
- **BIOL 4913**, Quantitative Biology  
  - **3** hours  
- **BIOL 5903**, Bioinformatics: Applications  
  - **3** hours  
- **BIOL 5913**, Bioinformatics: Programming  
  - **3** hours  

#### Thesis:
- **BIOL 5980**, Research for Master's Thesis  
  - **6** hours

*The Department of Biology requires the completion of a thesis.*

#### Core Courses:
- 20-22 hours of additional Biology coursework as determined by the student's advisory committee.

#### Electives:
- 0-1 hours of coursework selected in consultation with the student's adviser and committee.

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The comprehensive final examination over all of the work offered for the degree, including the thesis, is oral.

Bioinformatics students are required to take at least two courses from non-host departments. The two bioinformatics courses (BIOL 5903 & BIOL 5913) may not be used to satisfy this requirement.

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A student who has done satisfactory graduate work and has earned a 3.0 grade point average may file for master’s candidacy.

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program effective SU 2012. check sheet version 12/2014