# Requirements for the Master of Science

**College of Arts & Sciences**  
**The University of Oklahoma**

## General Requirements

**Minimum Total Hours** .......................... 30  
**Thesis Only**

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## Required Courses

### Required Courses (8 hours):
- BIOL 5903, Bioinformatics: Applications  
- BIOL 5913, Bioinformatics: Programming  
- MBIO 5971, Seminar in Microbiology  
  (1 hour course, two semesters required)

### Core Courses (6 hours):

- Non-Host Department Courses: 5000- or 6000-level courses selected from outside the Microbiology department.  
  *Note: The two bioinformatics courses (BIOL 5903 and BIOL 5913) may not be used to satisfy the non-host department requirement.*

### Electives (10 hours):

- 5000- and/or 6000-level courses. May include MBIO 5620, Investigations in Microbiology, and MBIO 5990 Special Studies in Microbiology.

### Thesis (6 hours):
- MBIO 5980, Research for Master's Thesis

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The master’s degree requires the equivalent of at least two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.

All coursework applied to the master’s degree must carry graduate credit.

Master’s degree programs which require a thesis consist of at least 30 credit hours. Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.

Courses completed through correspondence study may *not* be applied to the master’s degree.

To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

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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.

Program effective SU04. Check sheet version 12/2014