

# REQUIREMENTS FOR THE MASTER OF SCIENCE

## COLLEGE OF ARTS & SCIENCES

THE UNIVERSITY OF OKLAHOMA

For Students Entering the  
Oklahoma State System  
for Higher Education:  
**Summer 2018 through  
Spring 2019**

**GENERAL REQUIREMENTS**  
**Minimum Total Hours . . . . . 30**  
**THESIS ONLY**

**Microbiology:**  
**Bioinformatics**  
**M690-Q061**  
*Master of Science*



<b>REQUIRED COURSES</b>		
<p><b>REQUIRED COURSES (8 hours):</b></p> <p style="margin-left: 20px;"><b>BIOL 5903</b>, Bioinformatics: Applications</p> <p style="margin-left: 20px;"><b>BIOL 5913</b>, Bioinformatics: Programming</p> <p style="margin-left: 20px;"><b>MBIO 5971</b>, Seminar in Microbiology (1 hour course, two semesters required)</p> <p><b>CORE COURSES (6 hours):</b> Non-Host Department Courses: 5000- or 6000-level courses selected from outside the Microbiology department. <i>Note: The two bioinformatics courses (BIOL 5903 and BIOL 5913) may not be used to satisfy the non-host department requirement.</i></p> <p style="margin-left: 20px;">_____</p> <p style="margin-left: 20px;">_____</p> <p><b>ELECTIVES (10 hours):</b> 5000- and/or 6000-level courses. May include MBIO 5620, Investigations in Microbiology, and MBIO 5990 Special Studies in Microbiology.</p> <p style="margin-left: 20px;">_____</p> <p style="margin-left: 20px;">_____</p> <p style="margin-left: 20px;">_____</p> <p style="margin-left: 20px;">_____</p> <p><b>THESIS (6 hours):</b></p> <p style="margin-left: 20px;"><b>MBIO 5980</b>, Research for Master's Thesis</p>	<p>3</p> <p>3</p> <p>2</p> <p>3</p> <p>3</p> <p>10</p> <p>6</p>	<p>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.</p> <p>All coursework applied to the master's degree must carry graduate credit.</p> <p>Master's degree programs which require a thesis consist of <i>at least</i> 30 credit hours. Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.</p> <p>Courses completed through correspondence study may <i>not</i> be applied to the master's degree.</p> <p>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).</p>

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