

# MICROBIOLOGY, CELL AND MOLECULAR BIOLOGY, MS

## Graduate College Master's Program Requirements

Learn more about Graduate College 2024-2025 Master's Degree Program Requirements (<http://catalog.okstate.edu/graduate-college/>). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

**Requirements for Students Matriculating in or before Academic Year 2024-2025.** Learn more about Graduate College Academic Regulation 7.0 (<http://catalog.okstate.edu/graduate-college/#70>).

### Thesis Option

**Total Hours:** 30

Code	Title	Hours
<b>Required Courses</b>		
MICR 5160	Seminar	1
Two hours from:		2
MICR 6120	Recent Advances in Microbiology	
<b>Hours Subtotal</b>		<b>3</b>
<b>Electives</b>		
Select 21 hours from the following:		21
Non-zero ending MICR courses at the 5000-level		
Non-zero ending MICR courses at the 5000-level or above		
<b>Hours Subtotal</b>		<b>21</b>
<b>Thesis</b>		
MICR 5000	Thesis	6
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>30</b>

### Non-Thesis Option

**Total Hours:** 32

Code	Title	Hours
<b>Required Courses</b>		
MICR 5160	Seminar	1
MICR 5163	Foundations of Cellular Life	3
Six hours from:		6
MICR 5990	Special Problems	
Two hours from:		2
MICR 6120	Recent Advances in Microbiology	
<b>Hours Subtotal</b>		<b>12</b>
<b>Electives</b>		
Select 18 hours from the following:		18
MICR 6153	Molecular Microbial Genetics	
BIOL 5524	Biological Laboratory Instrumentation	
Non-zero ending MICR courses at the 5000-level		
Non-zero ending MICR courses at the 5000-level or above		
<b>Hours Subtotal</b>		<b>18</b>
<b>Additional Requirements</b>		
MICR 5000	Thesis	2
<b>Hours Subtotal</b>		<b>2</b>
<b>Total Hours</b>		<b>32</b>