

# APPLIED STATISTICS, MS

## Requirements for Students Matriculating in or before Academic Year

2023-2024. Learn more about Graduate College Academic Regulation 7.0 (<http://catalog.okstate.edu/graduate-college/#70>).

Total Hours: 32

Code	Title	Hours
<b>Required Coursework</b>		
STAT 4043	Applied Regression Analysis	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 5013	Statistics for Experimenters I	3
STAT 5023	Statistics for Experimenters II	3
STAT 5063	Statistical Machine Learning with R	3
STAT 5193	SAS and R Programming	3
STAT 5303	Experimental Designs	3
STAT 5002	Applied Masters Creative Component	2
Outside Course		3
<b>Hours Subtotal</b>		<b>29</b>
<b>Elective Coursework</b>		
STAT 5033	Nonparametric Methods	
STAT 5043	Sample Survey Designs	
STAT 5053	Time Series Analysis	
STAT 5073	Categorical Data Analysis	
Other courses can be used as electives at the discretion of the MSAS committee and the graduate coordinator.		
The formal report course can take many different forms. One possible incarnation would be to require the students to find suitable data sets to analyze and provide written reports of these analyses. Another possible approach would be to provide the students with data.		3
<b>Hours Subtotal</b>		<b>3</b>
<b>Total Hours</b>		<b>32</b>

## Graduate College Master's Program Requirements

Learn more about Graduate College 2023-2024 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.