

**REQUIREMENTS FOR THE MASTER OF SCIENCE**  
**DODGE FAMILY COLLEGE OF ARTS AND SCIENCES**  
**THE UNIVERSITY OF OKLAHOMA**

Academic Year
For Students Entering the Oklahoma State System for Higher Education Summer 2024 through Spring 2025

General Requirements	
Minimum Total Hours (Thesis) .....	32
Minimum Total Hours (Non-Thesis) .....	32

Program
Mathematics
M671
Master of Science

**Minimum Total Hours (Thesis):** 32  
**Minimum Total Hours (Non-Thesis):** 32

**Program Code:** M671

## Required Courses

Degree coursework must include at least two courses taken at the 4000 level or higher, from outside the mathematics department, which use mathematics beyond elementary calculus.

## THESIS OPTION

Code	Title	Credit Hours
<b>Required Course</b>		
MATH 5103	Mathematical Models	3
<b>Core Courses</b>		
Choose one Statistics course		3
Choose one Numerical Analysis or Computer Science course		3
Choose two Abstract Mathematics courses		6
Choose two Applied Mathematics courses		2-6
MATH 5980	Research for Master's Thesis	2
<b>Electives</b>		
Choose additional hours, selected in consultation with the student's advisor and committee, to bring total applicable hours to 32		9-13
<b>Total Credit Hours</b>		<b>32</b>

## NON-THESIS OPTION

Code	Title	Credit Hours
<b>Required Course</b>		
MATH 5103	Mathematical Models	3
<b>Core Courses</b>		
Choose one Statistics course		3
Choose one Numerical Analysis or Computer Science course		3
Choose two Abstract Mathematics courses		6
Choose two Applied Mathematics courses		2-6
<b>Electives</b>		
Choose additional hours, selected in consultation with the student's advisor and committee, to bring total applicable hours to 32		11-15
<b>Total Credit Hours</b>		<b>32</b>

## NOTES

- Each student *not writing a thesis* will pass a comprehensive examination over material to be determined by the Applied Math Committee.
- A maximum of 9 hours of coursework outside the Mathematics department can be applied to the degree.
- No course below the 4000 level can be applied to the degree.

- No more than 9 hours of coursework in Mathematics can be below the 5000 level, and at most 12 hours of G4000 level coursework total.
- Twelve hours must be in the Mathematics department at the 5000 level or higher.

## General Requirements for all Master's Degrees

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. All non-thesis master's degree programs require *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).

Additional information for master's degree students may be found in the Graduate College Bulletin.

More information in the catalog: (<http://ou-public.courseleaf.com/dodge-arts-sciences/proctor-mathematics/mathematics-master-science/>).