

# INDUSTRIAL AND SYSTEMS ENGINEERING, MASTER OF SCIENCE

Minimum Total Hours (Thesis): 30  
Minimum Total Hours (Non-Thesis): 33

Program Code: M524

## Thesis Option

Code	Title	Credit Hours
<b>Required Courses</b>		
ISE 5013	Fundamentals of Engineering Statistical Analysis	3
ISE 5023	Systems Optimization	3
ISE 5033	Systems Engineering	3
<b>Electives</b>		
Choose 15 hours <sup>1</sup>		15
<b>Thesis</b>		
ISE 5980	Research for Master's Thesis	6
Total Credit Hours		30

<sup>1</sup> The thesis option requires 15 hours of electives, as approved by the graduate liaison and advisor. At least 6 hours must be in Industrial and Systems Engineering. Up to 9 hours may be non-ISE courses.

## Non-Thesis Option

Code	Title	Credit Hours
<b>Required Courses</b>		
ISE 5013	Fundamentals of Engineering Statistical Analysis	3
ISE 5023	Systems Optimization	3
ISE 5033	Systems Engineering	3
<b>Electives</b>		
Choose 24 hours <sup>1</sup>		24
Total Credit Hours		33

<sup>1</sup> The non-thesis option requires 24 hours of electives, as approved by the graduate liaison and advisor. At least 15 hours must be in Industrial and Systems Engineering. Up to 9 hours may be non-ISE courses.

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* 32 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.