INDUSTRIAL ENGINEERING AND MANAGEMENT: OPERATIONS RESEARCH AND ANALYTICS, MS

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
Common Core		
IEM 5003	Probability and Statistics for Engineers	3
IEM 5013	Introduction to Optimization	3
IEM 5703	Discrete System Simulation	3
Hours Subtotal		**9**
Specialty Core Courses		
IEM 5063	Network Optimization	3
IEM 5133	Stochastic Processes	3
IEM 5723	Data, Process and Object Modeling	3
Hours Subtotal		**9**
Electives		
Select six hours (including at least one IEM graduate-level course)		6
Hours Subtotal		**6**
Thesis		
IEM 5000	Master's Research and Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Common Core		
IEM 5003	Probability and Statistics for Engineers	3
IEM 5013	Introduction to Optimization	3
IEM 5703	Discrete System Simulation	3
Hours Subtotal		**9**
Specialty Core Courses		
IEM 5063	Network Optimization	3
IEM 5133	Stochastic Processes	3
IEM 5723	Data, Process and Object Modeling	3
Hours Subtotal		**9**
Electives		
Select six hours (including at least one IEM graduate-level course)		6
Hours Subtotal		**6**
Additional Requirements		
Select one of the following options:		9
Option 1		
9 hours of additional approved electives		
Option 2		
IEM 5350	Industrial Engineering Problems	
6 hours of additional approved electives		
Option 3		
3-6 hours of IEM 5020 and/or IEM 5030 plus additional electives to equal 9 hours		
Hours Subtotal		**9**
Total Hours		**33**

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.