

INDUSTRIAL ENGINEERING AND MANAGEMENT: OPERATIONS RESEARCH AND ANALYTICS, MS

Requirements for Students Matriculating in or before Academic Year 2022-2023. 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
<i>Option 1</i>	
9 hours of additional approved electives	
<i>Option 2</i>	
IEM 5350 Industrial Engineering Problems	
6 hours of additional approved electives	
<i>Option 3</i>	
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 2022-2023 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.