

Student Name: _____

ID: _____

Master of Science in Industrial Engineering – Degree Plan for the Non-Thesis Option and the Thesis Option

Effective Spring 2021

Core Courses (12 credit hours) - Students should complete the core courses as soon as possible

Course	Prerequisites	Typically Taught	Semester Planned	Semester Completed	Grade Received
IE 5301 – Advanced Operations Research		Fall, Spring			
IE 5304 – Advanced Engineering Economy		Fall, Spring			
IE 5317 – Introduction to Statistics		Fall, Spring			
IE 5318 – Applied Linear Regression	IE 5317	Fall, Spring, Summer			

Application Courses (12 credit hours) – Students must take at least 4 additional industrial engineering graduate courses

	Course	Semester Planned	Semester Completed	Grade Received
IE Application Course 1				
IE Application Course 2				
IE Application Course 3				
IE Application Course 4				

Electives (6 credit hours) for the Non-Thesis Option – Students must complete 2 additional graduate courses from the College of Engineering, the College of Science, or approved courses from the College of Business. Students may elect to pursue a Capstone under supervision of an IMSE faculty member by substituting a 3-hour elective course with a 3-hour capstone course.

Electives (6 credit hours) for the Thesis Option – Students may elect to pursue a ‘Thesis’ option under supervision of an IMSE faculty member by substituting two 3-hour elective courses with two 3-hour thesis courses.

	Course	Semester Planned	Semester Completed	Grade Received
Elective 1				
Elective 2				

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Non-Thesis Option - This checklist is only for students taking the Non-Thesis Option. This is the default option for all Master's students. Students who want to switch options, see "Thesis Option" below.

- In your graduating semester, you must take the written Comprehensive Final Master's Exam before semester deadlines.
- Earn a passing grade on the Comprehensive Final Master's Exam.

Thesis Option – This checklist is only for students taking the Thesis Option. Students taking Thesis Option must take IE 5398 twice or IE 5698 once as an Elective.

- After your first semester of Master's coursework and prior to your final semester, notify your Graduate Advisor of your plan change to Thesis option and set up a Supervising Committee. You must select a Faculty Advisor to serve as your Supervising Committee Chair for your thesis. Your Supervising Committee Chair must confirm your plan change via email to your Graduate Advisor.
- In your graduating semester, schedule thesis defense prior to semester deadline to hold defense (see Graduation website).
- Prior to submitting thesis, consult with the Supervising Committee Chair about thesis formatting and obtain approval.
- Prior to University semester deadline in your graduating semester, you must defend your thesis.
- After the thesis defense, obtain Supervising Committee and Advisor signatures on Final Master's Report prior to semester deadlines.
- Prior to semester deadlines, complete all required revisions to thesis and obtain approval to submit final copy.
- Prior to semester deadlines, submit final version of thesis to Library.

Graduation

- Prior to intended semester of graduation, verify with your Graduate Advisor that coursework requirements for degree have been met.
- Prior to deadline, apply to graduate through MyMav. You may also register for the College of Engineering Commencement Ceremony through MyMav, if you plan to participate.
- Student must submit Program of Work to their Graduate Advisor prior to advisor's deadlines. Students must pass all courses in the Program of Work.
- Prior to Graduate Advisor's deadline, student must submit a student Exit Survey.
- Student must maintain a program GPA and an overall UTA GPA of 3.0 in order to meet graduation requirements.
- Student must successfully complete their program of 30 credit hours (10 courses) with a grade of C or better in each course.

Advisor Notes
