SCHOOL OF INDUSTRIAL ENGINEERING AND MANAGEMENT

MS Plan of Study Worksheet (circle one): Thesis Non-thesis

Tracks/Options[1]:	**General Industrial Engineering Track**	**Operations Research and Analytics Option**	**Supply Chain and Logistics Option**
Track/Option Chosen: (Check 1 box)	☑	☐	☐
Required Courses[2]	**Pick ≥ 3 of:**	**Pick all 6 of:**	**Pick all 6 of:**
	☑ **IEM 5003**	☐ **IEM 5003**	☐ **IEM 5003**
	☑ **IEM 5013**	☐ **IEM 5013**	☐ **IEM 5013**
	☐ **IEM 5613**	☐ **IEM 5063**	☐ **IEM 5203**
	☑ **IEM 5703**	☐ **IEM 5133**	☐ **IEM 5633**
	☑ **IEM 5763**	☐ **IEM 5703**	☐ **IEM 5703**
	☐ **IEM 5803**	☐ **IEM 5723**	☐ **IEM 5763**

IEM Electives: (**Non-thesis**: Total number of IEM-prefix courses, i.e., required plus elective, must be ≥ 8. **Thesis**: Total number of IEM-prefix courses, i.e., required plus elective, must be ≥ 6.)	**Course Number (e.g., IEM 5013)**	**Course Name (e.g., Intro to Opt)**
	IEM 5063	Network Optimization
	IEM 5633	Advanced Production and Inventory Control

Other Electives: (**Non-thesis**: Pick ≤ 3; **Thesis**: Pick ≤ 2; in consultation with advisor) **Internship:** (Fall/Spring/Summer: IEM 5020; up to **6 credits total**) **Independent Study: Non-thesis only**; 5350 in final semester	**Course Number (e.g., MATH 5023)**		**Course Name (e.g., Adv Lin Algebra)**	
	STAT	5053	Time Series Analysis	
	MATH	5553	Numerical Analysis for Linear Algebra	
Research: Thesis only, 6 credits **of** IEM 5000 with SR grade	IEM	5000	**Hours on POS:** (Non-thesis ≥ 33 credits; thesis ≥ 30 credits)	30

Student	**Advisor**
Name: ___Sue Perb_____	Advisor Signature: _____
CWID: ____A12345678_____	**Committee Members (No signatures needed)**
Signature: _____	Committee Name: __Dr. Paige Turner_____
Date: _____07/23/2026_____	Committee Name: ___Dr.Will Power_____

[1] Options will appear on transcripts; tracks do not. Options are checked by Grad College; tracks are internal to IEM.
[2] Students who earned a BS in IEM will receive a waiver for required MS courses that are sufficiently similar to those from their BS coursework (e.g., IEM 5003).

This is the departmental copy. Please email it to iem-grad@okstate.edu then submit POS to Grad College at https://planofstudy.okstate.edu.
This document was last updated by AB on December 17, 2025.