

School of Technology - Graduate Programs (Course Schedule 2019-2025)

Master Plan (Revised 08/2018)

includes course roll-out for Lean Six Sigma Graduate Certificate; O: Online, F: Face-to-Face

Course No.	Course Title	Fa 18	Sp 19	Su 19	Fa 19	Sp 20	Su 20	Fa 20	Sp 21	Su 21	Fa 21	Sp 22	Su 22	Fa 22	Sp 23	Su 23	Fa 23	Sp 24	Su 24	Fa 24	Sp 25	Su 25	Fa 25
Required Courses (18 credits IM) (15 credits T)																							
IndM 4010/ 5110	Current Issues in Industry (3) T	O		O	O		O	O		O	O		O	O		O	O		O	O		O	O
IndM 4210/ 5210	Industrial Management (3) IM	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F
IndM 4230/ 5130	Lean and Quality Management (3) IM	O	O-F		O	F		O	F		O	F		O	F		O	F		O	F		O
IndM 4260/ 5160	Organizational Dynamics (3) IM & T	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F
EngT 4580/ 5580	Quality Systems Engineering (3) or IM	O	F	O	O	F	O	O	F	O	O	F	O	O	F	O	O	F	O	O	F	O	O
IndM 5015	Legal Aspects of Industry (3) T		O			O	O		O			O	O		O			O	O		O		
IndM 5020	International Technology Management (3) T	O		O	F			O		O	F			O		O	F			O		O	F
IndM 5212	Production & Operations Management (3) IM	O	O		O-F			O-F			O-F			O-F			O-F			O-F			O-F
IndM 5240	Engineering Economy (3) IM		O-F			O-F			O-F			O-F			O-F			O-F			O-F		
SOT 5010	Applied Research for Technology (3) IM & T	F	O		F	O		F	O		F	O		F	O		F	O		F	O		F
Culminating Experience / Research (3-9 credits, take the last semester of student's program)																							
IndM 5230	Seminar in IM (3 credits) IM & T	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F
SOT 5290	Thesis (3-6 credits) IM & T	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
TMD 8990	Dissertation (1-9 credits) TMD	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Cognate, Electives & Specialization (9-12 credits IM) (12-15 credits T)																							
IndM 4015/ 5015	Legal Aspects of Industry (only undergrad) (3)		O			O	O		O			O	O		O			O	O		O		
IndM 4220/ 5120	Human Factors Engineering (3)							O						O						O			
IndM 4240/ 5140	Facilities Engineering (3)				O						O						O						O
IndM 4250/ 5150	Project Management (3)	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F	O-F	O	O-F
IndM 4280/ 5180	Industrial Statistics (3)			O						O						O							O
IndM 5222	Principles and Practices of Lean Systems (3)	O			O			O			O			O			O			O			O
IndM 5232	Seminar in Lean-Six Sigma Implementation (3)		O			O			O			O			O			O			O		
IndM 5260	System Analysis & Mgt information Systems (3)		O					O				O					O					O	
IndM 6580	Advanced Strategic Quality and Standard (3)			O			O			O			O			O			O			O	
SOT 5022*	Internship in Technology (1-3)	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
TMD 6015	Legal Aspects of Technology and Innovation (3)		O			O			O			O			O			O			O		
TMD 6315	Advanced Legal Aspects of Construction (3)								O						O							O	
TMD 6525	Manufacturing Economy (3)				O						O						O						O
TMD 7320	Ethics and Prof Issues of the Const Process (3)	O						O						O						O			
TMD 7550	Current Issues in Manufacturing (3)					O						O						O					
TMD 8590	Internship (3)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
TMD 8920	Field Research Project (3)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
TMD 8990	Dissertation (1-6)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

Notes:

- 1) This schedule is subject to change depending on student enrollments and faculty workload.
- 2) SOT 5022* Internship is offered as a live class on campus, but students will be at the work site.
- 3) Lean Six Sigma Grad Certificate (15 credits-hrs) includes IndM 5130 (or EngT 5580), IndM 5212, IndM 5222, IndM 5232, and IndM 6580

Required courses for MSIM: IndM 5210, 5130 (or EngT 5580), 5160, 5212, 5230, 5240, and SOT 5010.

Required courses for MST: IndM 5110, 5160, 5015, 5020, 5230, and SOT 5010