

**Undergraduate Program Name:** Bachelor of Science in Industrial and Systems Engineering

**Graduate Program Name:** Master of Science in Engineering Management

Course Pairs:

Double Owl Scholars will NOT take the following Industrial Engineering courses:	In their place, Double Owl Scholars will take the following MS in Engineering Management courses:
ENGR 3250	SYE 6010
ISYE Technical Elective	Any EM Elective
ISYE Technical Elective	Any EM Elective

Any EM elective		ENGR 3325: Engineering Economic Analysis	
		HIST 1100, HIST 1111, or HIST 1112 [E3]	
Total		Total	
EM 6510 Data Analytics for Engineering Managers (F1)		MGT 7050 Managing and Leading Work Behavior (S1)	
EM 6650 Quality Systems Management (F1)		FIN 7020 Business Finance	
SYE 6005 Intro to Systems Engineering (F2)		Graduate Elective	
Optional Fall Graduate Elective -->		-->Or Optional Spring Graduate Elective	
Total		Total	

### SYSTEMS ENGINEERING CONCENTRATION



