

COURSE	Course Title	Required	FEEDS/WEB	DEPT	Spring 15	Summer 15	Fall 15	Spring 16	Summer16	Fall 16	Spring 17	Summer17	Fall 17	Spring 18	Summer18	Fall 18	Spring 19	Summer19	Fall 19	Spring 20	
Five Year Schedule																					
Undergraduate Courses																					
1	EGS4624	Engineering Innovation and Leadership	R		10	1	1		1	1		1	1		1	1		1	1		1
2	EIN2002	Introduction to IE	R		24			1			1			1			1			1	
3	EIN3314C	Work Measurement & Design	R		24			1			1			1			1			1	
4	EIN 3351	Engr Econ & Cost Engr.	R	F	24	1	1		1	1		1	1		1	1		1	1		1
5	EIN4214	Safety Engineering/Administration			24	Occasionally															
6	EIN4243C	Human Engineering	R		24	1			1			1			1			1			1
7	EIN4333C	Industrial Control Systems	R		24	1			1			1			1			1			1
8	EIN4364C	Facilities Planning & Design	R		24	1			1			1			1			1			1
9	EIN4391C	Manufacturing Engineering	R		24	1		1	1		1	1		1	1		1	1		1	1
10	EIN4517	Systems Engineering	R	W	24	1			1			1			1			1			1
11	EIN4545C	IE Applications in Service Industries			24			1			1			1			1			1	
12	EIN4891C	IE Senior Design Project	R		24	1		1	1		1	1		1	1		1	1		1	1
13	ESI4221	Empirical Methods for IE	R		24			1			1			1			1			1	
14	ESI4234	Quality Engineering	R		24			1			1			1			1			1	
15	ESI4312	Operations Research	R		24			1			1			1			1			1	
16	ESI4523	Systems Simulation	R		24	1			1			1			1			1			1
17	ESI4628	Decision Support Systems	R		24			1			1			1			1			1	
18	STA3032	Probability and Statistics	R	F	10	3	1	3	3	1	3	3	1	3	3	1	3	3	1	3	3
19	STA3032H	Probability and Statistics - Honors	R		10	1		2	1		2	1		2	1		2	1		2	1
Sum Undergrad Courses								13	3	14	13	3	14	13	3	14	13	3	14	13	

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Graduate Courses																								
1	EIN5108	The Environment of Technical Organizations	R	X	24			1		1			1			1			1					
2	EIN5117	Management Information Systems		X	24	1		1			1			1			1			1				
3	EIN5140	Project Engineering	R	X	24	1		1	1		1	1		1	1		1	1		1				
4	EIN5248C	Ergonomics	R	X	24			1			1			1			1			1				
5	EIN5251	Usability Engineering	R	X	24	Occasionally																		
6	EIN5255C	Interactive Simulation	R	X	24			1			1			1			1			1				
7	EIN 5346	Engineering Logistics		X	24	1					1						1							
8	EIN6182	Engineering Management	R	X	24	1	1	1	1		1	1		1	1		1	1		1				
9	EIN6215	Systems Safety Engineering & Management	R	X	24	1			1		1			1			1			1				
10	EIN6258	Human-Computer Interaction	R	W	24	Occasionally																		
11	EIN6270C	Work Physiology	OR	X	24	Occasionally																		
12	EIN6279C	Biomechanics	OR	X	24	Occasionally																		
13	EIN6336	Production and Inventory Systems	R	X	24				1						1						1			
14	EIN6339	Operations Engineering		X	24			1			1			1			1			1				
15	EIN6357	Advanced Engineering Economic Analysis	R	X	24	1	1	1			1			1			1			1				
16	EIN6370	Innovation in Engineering Design	R	X	24			1			1			1			1			1				
17	EIN6528	Simulation Based Life Cycle Engineering		X	24					1							1							
18	EIN6645	Real-Time Simulation Agents	R	X	24	1			1		1			1			1			1				
19	ESI5219	Engineering Statistics	R	X	24	1		1	1		1	1		1	1		1	1		1	1			
20	ESI5227	Total Quality Improvement	OR	X	24		1			Occasionally														
21	ESI5236	Reliability Engineering	R	X	24			1			1			1			1			1				
22	ESI5306	Operations Research	R	X	24			1			1			1			1			1				
23	ESI5531	Discrete Systems Simulation	R	X	24				1		1			1			1			1				
24	ESI6224	Quality Management	R	X	24	1			1		1			1			1			1				
25	ESI6225	Quality Design & Control	R	X	24			1			1			1			1			1				

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26	ESI6247	Experimental Design & Taguchi Methods	R	X	24	1			1			1			1			1			1
27	ESI6358	Decision Analysis	R	X	24			1			1			1			1			1	
28	ESI6418	Linear Programming & Extensions	OR	X	24	1						1						1			
29	ESI6532	Object Oriented Simulation	R	X	24	Occasionally															
30	ESI6551C	Systems Engineering (Architecting)	R	X	24	1		1			1			1			1			1	
31	ESI6891	IEMS Research Methods		X	24			1			1			1			1			1	
		Sum Grad Courses				12	3	13	11	1	14	12	1	13	11	1	14	12	1	13	11
<p>NOTE: Courses on the IEMS 5-Year Academic Plan are not guaranteed due to variables and circumstances that are beyond the control of the department.</p>																					
<p>3/30/2015 8:03</p>																					