

Concentration Title: Mathematical Sciences and Operations Management			
Proposed Departments: Mathematics, Philosophy, Operations Management,			
Electrical/Computer/Mechanical Engineering, Statistics, Management			
	Course #	Course Name	Credits
1	MATH 331	Ordinary Differential Equations	3
2	MIE 380	Stochastic Operation Research	3
3	MATH 456	Mathematical Modeling	3
4	MATH 545	Linear Algebra	3
5	MIE 379	Deterministic Operations Research	3
6	OIM 410	Business Process Opt	3
7	ECE 361	Fundamental Circuits	3
8	MANAGEMNT 301	Principles of Management	3
9	MIE 397B	System Dynamics	3
10	MATH 523	Introduction to Modern Analysis	3
11	OIM 310	Introduction to Management Science	3
12	PHIL 310	Intermediate Logic	3
13	STATISTICS 516	Statistics II	3
14	OIM 415	Applications of Management Science	3
15	MATH 551	Scientific Computing	3
16	MANAGEMNT 330	Organizational Management	3
17	OIM 301	Introduction to Operations Management	3
18	MATH 455	Introduction to Discrete Mathematics	3
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