

## Engineering Management

		Western Kentucky University			University of Missouri-Rolla				
Semester	WKU #	Title	Hours	Grade	UMR #	Title	Hours		
First	MATH 126	Calculus & Analytic Geometry I	4.5		MATH 014	Calculus w/Analytic Geometry I	4		
	CHEM 120	College Chemistry I	4		CHEM 001	General Chemistry	4		
	CHEM 121	College Chemistry I Lab	1		CHEM 002	General Chemistry Lab	1		
	ENG 100	Freshman English	3		ENG 020	Exposition & Argumentation	3		
	Total Semester Hours			12.5		Total Semester Hours			12
Second	MATH 227	Calculus & Analytic Geometry II	4.5		MATH 015	Calculus w/Analytic Geometry II	4		
	PHYS 250,251	University Physics I (3) and Lab (1)	4		PHYS 023	Engineering Physics I	4		
	HIST 120 or HIST 240 or HIST 241	Western Civilization since 1700 or US History to 1865 or US History since 1865	3		HIST 112 or HIST 175 or HIST 176	Modern Western Civilization or American History to 1877 or American History since 1877	3		
	ENG 300 or COMM 145	Junior English or Fundamentals of Public Speaking	3		ENG 060 or SPMS 085	Writing and Research or Principles of Speech	3		
	Total Semester Hours			14.5		Total Semester Hours			14
	Third	MATH 327	Multivarible Calculus	4		MATH 022	Calculus w/Analytic Geometry III	4	
PHYS 260,261		University Physics II (3) and Lab (1)	4		PHYS 024	Engineering Physics II	4		
PHYS 227		Engineering Statics	3		IDE 050	Engineering Mechanics - Statics	3		
ECON 202 or ECON 203		Principles of Economics (Micro) or Principles of Economics (Macro)	3		ECON 121 or ECON 122	Principles of Microeconomics or Principles of Macroeconomics	3		
Total Semester Hours			14		Total Semester Hours			14	
Fourth	MATH 331	Differential Equations	3		MATH 204	Elementary Differential Equations	3		
	PHYS 350	Classical Mechanics I	3		IDE 150	Engineering Mechanics - Dynamics	3		
	PSY 100	Intro to Psychology	3		PSYCH 050	General Psychology	3		
		Humanities/Social Science Elective	3			Humanities/Social Science Elective	3		
	Total Semester Hours			12		Total Semester Hours			12

This is a guide; with the consent of your advisor you may choose to vary the sequence or combination of some courses in a manner appropriate to individual course requirements and prerequisites.