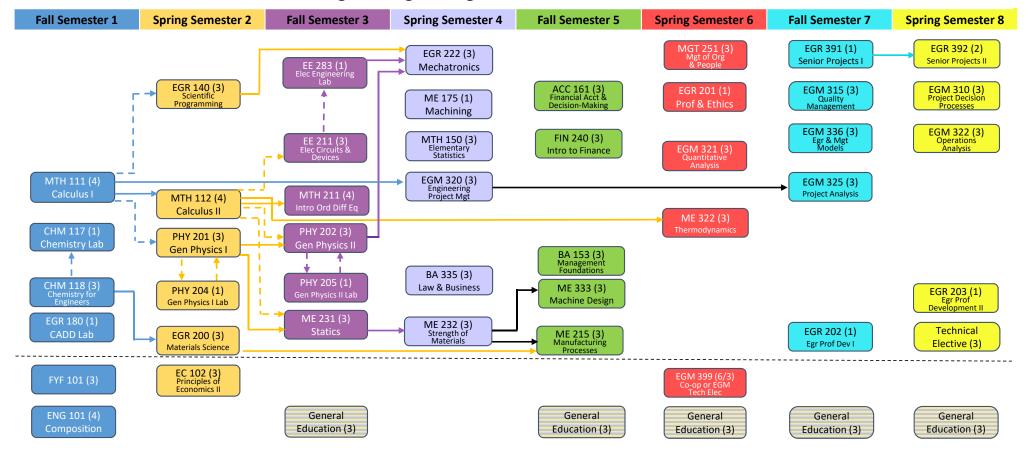
Wilkes University

Engineering Management Curriculum Flowchart



Some pre-requisite lines shown may be listed as concurrent or as co-requisite in the Bulletin. Please be sure to confirm with your advisor and the latest Bulletin.

The requisites of a course's requisite are requisites of the course. Solid lines indicate prerequisite and dashed lines corequisites.

Credit hours are listed in parentheses following each course number.

CHART IS FOR ILLUSTRATION PURPOSES ONLY: SEE UNDERGRADUATE BULLETIN FOR PRE-REQUISITES/CONCURRENT REQUIREMENTS.

Wilkes University

Engineering Management Curriculum						
First Semester		Credits	Second Semester		Credits	
EGR 180	CADD Lab	1	EGR 140	Scientific Programming	3	
CHM 118	Chemistry for Engineers	3	EGR 200	Materials Science	3	
CHM 117	Chemistry Lab for Engineers	1	MTH 112	Calculus II	4	
MTH 111	Calculus I	4	PHY 201	General Physics I	3	
ENG 101	Composition	4	PHY 204	General Physics I Lab	1	
FYF 101	First-Year Foundations	3	EC 102	Principles of Economics II	3	
Total Credits 16			Total Credits 17			
Third Semester		Credits		Fourth Semester C		
MTH 211	Differential Equations	4	EGR 222	Mechatronics	3	
PHY 202	General Physics II	3	ME 232	Strength of Materials	3	
PHY 205	General Physics II Lab	1	EGM 320	Engineering Project Management	3	
EE 211	Electrical Circuits and Devices	3	MTH 150	Elementary Statistics	3	
EE 283	Electrical Engineering Lab	1	BA 335	Law and Business	3	
ME 231	Statics	3	ME 175	Machining	1	
General Education 3				Tota	al Credits 16	
	Total C	redits 18				
Fifth Semester Credits				Sixth Semester	Credits	
ME 333	Machine Design	3		Co-op or Technical Elective	6/3	
BA 153	Management Foundations	3	EGR 201	Professionalism and Ethics	1	
ME 215	Manufacturing Processes	3	ME 322	Thermodynamics	3	
FIN 240	Introduction to Finance	3	EGM 321	Quantitative Analysis	3	
ACC 161	Financial Accounting and	3	MGT 251	Management of Organizations	3	
7,66 101	Decision-Making		IVIGT 251	and People		
	General Education	3		General Education	3	
	Total C	redits 18		Total Credits 16		
Seventh Semester		Credits		Eighth Semester	Credits	
EGR 391	Senior Projects I	1	EGR 392	Senior Projects II	3	
EGM 336	Engineering and Mgt. Models	3	EGM 310	Project Decision Processes	2	
EGM 325	Project Analysis	3	EGM 322	Operations Analysis	3	
EGM 315	Quality Management	3		Technical Elective	3	
EGR 202	Eng. Professional Development I	1	EGR 203	Eng. Professional Development II	3	
General Education 3				General Education	3	
Total Credits 14 Total Credits 15						
TOTAL CURRICULUM CREDITS 130						

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