

Master of Science in Engineering and Technology Management

Engineering Management Concentration			Management of Technology Concentration		
Core Courses		21	Core Courses		6
FINC 577	Finance and Accounting for Non-Financial Managers		INEN 514	Statistical Analysis for Six Sigma	
INEN 502	Operations Research Methods		INEN 518	Project Management	
INEN 505	Manufacturing and Operations Analysis				
INEN 507	Engineering Administration		Quantitative Analysis and Management (Pick 3 Courses)		9
INEN 509	Economics and Decision Making		FINC 577	Finance and Accounting for Non-Financial Managers	
INEN 514	Statistical Analysis for Six Sigma		INEN 502	Operations Research Methods	
INEN 518	Project Management		INEN 504	Simulation	
			INEN 505	Manufacturing and Operations Analysis	
Electives (Pick 4 Courses)		12	INEN 507	Engineering Administration	
BUSN 501	Global Perspectives in Business Management		INEN 509	Economics and Decision Making	
CIS 510	Information Resource Management		INEN 566	Six Sigma and Quality Control	
ENTR 501	Technology Transfer and Commercialization		MGMT 537	Human Resource Management	
ENTR 510	Entrepreneurship and New Venture Creation		MGMT 571	Organizational Behavior	
ENTR 560	Innovative Venture Research		PSYC 513	Organizational Psychology	
INEN 504	Simulation		PSYC 516	Industrial Psychology	
INEN 511	Facilities Planning				
INEN 512	Reliability Engineering		Science, Engineering, and Entrepreneurship (Pick 3 Courses)		9
INEN 515	Logistics Planning		ELEN 525	Telecommunication Theory and Application	
INEN 520	Six Sigma Black Belt Project		ELEN 526	Modern Wireless and Optical Networking	
INEN 566	Six Sigma and Quality Control		ELEN 527	Optical Communication Systems	
MGMT 537	Human Resource Management		ELEN 581	Semiconductor Technology Management	
MGMT 571	Organizational Behavior		ELEN 582	Micro/Nanotechnology Management	
MKTG 530	Marketing Management		ENGR 554	Modern Energy Grand Challenges	
PSYC 513	Organizational Psychology		ENTR 501	Technology Transfer and Commercialization	
PSYC 516	Industrial Psychology		ENTR 510	Entrepreneurship and New Venture Creation	
PSYC 523	Leadership Decision Making		ENTR 560	Innovative Venture Research	
STAT 507	Design and Analysis of Experiments		MSE 501	Fundamentals of Microfabrication Processes	
	Other electives approved by advisor		MSE 505	Nanotechnology Principles	

		MSNT 521	Principles of Cell and Molecular Biology	
TOTAL	33		Other technical electives approved by advisor	
		Electives (Pick 3 Courses)		9
		ACCT 505	Accounting Analysis and Decision Making	
		BUSN 501	Global Perspectives in Business Management	
		CIS 510	Information Resource Management	
		CIS 521	Introduction to Information System Assurance	
		FINC 515	Financial Management	
		INEN 511	Facilities Planning	
		INEN 512	Reliability Engineering	
		INEN 515	Logistics Planning	
		INEN 520	Six Sigma Black Belt Project	
		MKGT 530	Marketing Management	
		PSYC 523	Leadership Decision Making	
		STAT 507	Design and Analysis of Experiments	
		Other courses from first two sections and as approved by advisor		
			TOTAL	33

Since there is a large overlap in the material covered in some of the classes listed, the following pairs of classes may not be taken: FINC 577, ACCT 505/FINC 515, MGMT 537, MGMT 571, PSYC 513 and PSYC 516.

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Degree Codes: ES MSEM EMGT

SCH Requirements: 33 SCH

Thesis Option: Not available

Practicum Option: Not available

Course-work only option: Yes (as specified above)