

2009-2011 Catalog

(MBA curriculum change effective Fall 2010)

BS in Electrical Engineering/MBA Sample Study Plan

Degrees	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 9	Semester 10
BS in E E 126.5 credits	Math 165 Calc I 4 cr	Math 166 Calc II 4 cr	Math 267 Diff Equ/Lap 4 cr	Math 265 Calc III 4 cr	Math Elective 3 cr	E E 322 Prob Methods 3 cr	I E 305 Engr Econ 3 cr	Tech Elective 3 cr	E E 491 Sr. Design I 3 cr	E E 492 Sr. Design II 2 cr
	Engl 150 Crit Thinking 3 cr	Phys 221 Physics I 5 cr	Engl 250 Composition 3 cr	E E 230 Circuits & Sys 4 cr	E E 311 Flds & Wvs 4 cr	Engl 314 Tech Comm 3 cr	Tech Elective 3 cr	Tech Elective 3 cr	E E 494 Portfolio R cr	Tech Elective 3 cr
	Chem 167 Engr Chem 4 cr	Com S 207/227 Program I 3 or 4 cr	E E 201 Elect Circuits 4 cr	E E 224 Sig & Sys 4 cr	E E 303 Energy Sys 3 cr	E E 332 Mtl & Dev 3 cr	Tech Elective 3 cr		Tech Elective 3 cr	
	E E 185 E E Prob 3 cr	E E 166 Prof Program R cr	Phys 222 Physics II 5 cr	Cpr E 281 Digital Logic 4 cr	Cpr E 288 Embed Sys 4 cr	Core Elective 330/331 4 cr				
	Lib 160 Library 0.5 cr	Gen Ed Elective 3 cr (Econ 101)			Gen Ed Elective 3 cr	Gen Ed Elective 3 cr				
	Engr 101 Orientation R cr									
MBA 48 credits								Fin 505 Finance 3 cr	Mgmt 511 Ethics 3 cr Gen Ed Elect.	MBA Elective 3 cr
							Acct 508 Accounting 3 cr	Mkt 504 Marketing 3 cr	Mgmt 512 Strategy 3 cr	MBA Elective 3 cr
							Econ 532 Economics 3 cr	SCM 502 Supply Chain 3 cr	MBA Elective 3 cr	MBA Elective 3 cr
							Mgmt 507 Org Beh. 3 cr Gen Ed Elect.	MIS 503 Techn. Mgmt 3 cr		MBA Elective 3 cr
							BusAd 592 Prof Skills I R cr	BusAd 59x Prof Skills II R cr		
E E 126.5 cr	14.5/14.5	15 /29.5	16 /45.5	16/61.5	17/78.5	16/94.5	12/106.5	6/112.5	9/121.5	5/126.5
MBA 48 cr							12/12	12/24	12/36	12/48
Shared 12 cr							(6/6)	(0/6)	(6/12)	(0/12)
<b>162.5 Total Cr</b>	<b>14.5/14.5</b>	<b>15 /29.5</b>	<b>16 /45.5</b>	<b>16/61.5</b>	<b>17/78.5</b>	<b>16/94.5</b>	<b>18/112.5</b>	<b>18/130.5</b>	<b>15/145.5</b>	<b>17/162.5</b>

Notes:

Twelve acceptable graduate credits may be applied to both the BS in EE and the MBA. The twelve "shared" credits are Mgmt 507 (Gen Ed), Mgmt 511 (Gen Ed) and two tech electives (6 crs) offered for non-major graduate credit. The shared course credits must be taken after the student is enrolled as a graduate student (Semester 7).

The business quantitative methods course in the MBA is waived if EE 322 is satisfactorily completed (grade B or better).

EE students should plan to take Econ 101 as a Gen Ed as prerequisite to Econ 532 in the MBA. Econ 102 is also strongly recommended as a Gen Ed course.

Fifteen credits of MBA electives in Semester 9 and Semester 10 must be 500 level courses from the College of Business.