

BS in Mechanical 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 M.E. 128.5 cr	Math 165 Calc I 4 cr	Math 166 Calc II 4 cr	Math 265 Calc. III 4 cr	Math 267 Diff. Eq. 4 cr	Stat 305 Statistics 3 cr	M E 370 Instrumentation 3 cr	M E 436 Heat Transfer 4 cr	Tech Elective 3 cr	Tech Elective 3 cr	Design Elective 3 cr
	Engr 101 Orientation R cr	Engl 150 Crit. Thinking 3 cr	Engl 250 Communications 3 cr	EM 324 Mech of Matls 3 cr	EM 345 Dynamics 3 cr	Engl 314 Tech. Writing 3 cr.	M E 421 Controls 4 cr	Tech Elective 3 cr	Tech Elective 3 cr	Gen Ed US Diversity 3 cr
	Chem 167+L Engr Chem 5 cr	Phys 221 Physics I 5 cr	Phys 222 Physics II 5 cr	M E 231 Thermo 1 3 cr	EE 442/448 Circuits 4 cr	M E 335 Fluids 4 cr		Gen Ed (Econ) Graduate level or Non-major graduate credit. 3 cr	Tech Elective 3 cr	
	Engr 170 Graphics/CAD 3 cr	Engr 160 VB/Analysis 3 cr	Mat E 272 Materials 2 cr	M E 270 Soph Design 3 cr	ME 332 Thermo II 3 cr.	M E 325 Machine Design 3 cr				
	Econ 101 Micro Econ 3 cr (Gen Ed)	Lib 160 Library 0.5 cr	E M 274 Statics 3 cr	Econ 102 Macro Econ 3 cr (Gen Ed)	Gen Ed (I.P) 3 cr	M E 324 Manufacturing 4 cr.				
		M E 102 Acad. Plan. R cr		M E 202 Career Plan. R cr						
MBA 48 cr (incl. 12 shared cr)							Mgmt 501 Strategy I 1 cr	Fin 505 Finance 2 cr	MBA Elective 3 cr	MBA Elective 3 cr
							Acct 508 Accounting 2 cr	Mkt 504 Marketing 2 cr	MBA Elective 3 cr	MBA Elective 3 cr
							MIS 503 Info Systems 2 cr	Mkt 509 Intern'l Bus 2 cr	MBA Elective 3 cr	MBA Elective 3 cr
							SCM 502 Supply Ch 2 cr	Mgmt 511 Ethics 1 cr		
							Mgmt 507 Org Behav 2 cr	Mgmt 512 Strategy II 2 cr		
164.5 Total Crs	15 cr	15.5 cr	17 cr	16 cr	16 cr	17 cr	17 cr	18 cr	18 cr	15 cr
128.5 M E Crs	15 cr	15.5 cr	17 cr	16 cr	16 cr	17 cr	8 cr	9 cr	9 cr	6 cr
36 MBA Crs							9 cr	9 cr	9 cr	9 cr

Notes:

MBA includes twelve "shared" credits including two tech (ME or Non-ME) electives (6 crs), one ME design elective (3 crs), and an approved gen ed economics course (3 crs). All shared courses must be graduate level or offered for non-major graduate credit (e.g. Econ 532) and taken while enrolled in the concurrent program.

Statistics requirement for the MBA met if Stat 305 is completed satisfactorily (grade B or better).

Economics requirement for the MBA is met if Econ 101 is completed satisfactorily (grade B or better) along with a graduate level (or non-major graduate credit) economics course (Gen Ed). Econ 102 is suggested but not required.

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