

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 | Gen Ed Elective 3 cr | Tech Elective 3 cr | Gen Ed 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 (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 | | |
| 162.5 Total Credits | 14.5 cr | 15 cr | 16 cr | 16 cr | 17 cr | 16 cr | 18 cr | 18 cr | 18 cr | 14 cr |
| 126.5 E E Crs | 14.5 cr | 15 cr | 16 cr | 16 cr | 17 cr | 16 cr | 9 cr | 9 cr | 6 cr | 8 cr |
| 36 MBA Crs | | | | | | | 9 cr | 9 cr | 9 cr | 9 cr |

Notes:

Twelve acceptable graduate credits may be applied to both the BS in EE and the MBA. The twelve "shared" credits are IE 305 (3 credits) and nine credits of EE tech electives offered for non-major graduate credit. The shared course credits must be taken after the student is enrolled as a graduate student starting Semester 7.

The statistics requirement for the MBA is waived if EE 322 is satisfactorily completed (grade B or better).

The economics requirement for the MBA is satisfied by taking Econ 101 for Gen Ed elective credit (grade B or better) and I E 305. Or ECON 532 may be taken as an MBA elective to fulfill the economics requirement. Econ 102 is also strongly recommended as a Gen Ed course.

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