Bachelor of Engineering
Advising Worksheet

REQUIRED GENERAL EDUCATION (37 hrs)

ENGL 101	English Composition I	3
LIBA 102	First Year Seminar	3
CHEM 105	General Chemistry I	3
CHEM 115	General Chemistry Laboratory I	1
CHEM 106	General Chemistry II	3
CHEM 116	General Chemistry Laboratory II	1
PHYS 211	Physics for Science & Engineering I	3
PHYS 221	Lab Physics for Science & Engineering I	1
PHYS 212	Physics for Science & Engineering II	3
PHYS 222	Physics for Science & Engineering II	1
MATH 261	Unified Calculus & Analytic Geometry I	3
MATH 262	Unified Calculus & Analytic Geometry II	3
MATH 263	Unified Calculus & Analytic Geometry III	3
MATH 264	Unified Calculus & Analytic Geometry IV	3
MATH 353	Elementary Differential Equations	3

REQUIRED ENGINEERING CORE COURSES (24 hrs)

CSCI 251	Programming for Engineering and Sciences	3
ENGR 309	Introduction to Mechanics (Statics)	3
ENGR 310	Engineering Analysis I	4
ENGR 313	Introduction to Materials Science	3
ENGR 321	Thermodynamics	3
ENGR 330	Engineering Systems Analysis and Design	3
ENGR 362	Introductory Electric Circuit Theory	3
ENGR 363	Introductory Electric Circuit Laboratory	1
ENGR 400	Leadership and Professionalism in Engineering	1

ENGINEERING ELECTIVES (9 hrs)

Engineering Elective	Selected in consultation with advisor	3
Engineering Elective	Selected in consultation with advisor	3
Engineering Elective	Selected in consultation with advisor	3

RECOMMENDED Social Science / Humanities / Fine Arts COURSES (24 hrs)

PSY 201	General Psychology	3
PHIL 103	Logic: Critical Thinking	3
MUS 103	Introduction to Music	3
SPCH 105	Business and Professional Speech	3
SS/H/FA	Open Choice	3
SS/H/FA	Open Choice	3
SS/H/FA	Open Choice	3
SS/H/FA	Open Choice	3

EMPHASIS COURSES (33 hrs)

Area of Interest	Selected in consultation with advisor	3
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