Bachelor of Science
Electrical and Computer Engineering
Computer Engineering Option
University of Arizona (Revised 10/08/12)

*Students must earn a grade of C or higher in all required ECE courses.
†Students who have already completed MSE 110 may use it towards a Technical Elective.
2013-2014

Freshman
Calculus I
Math 122A/B or Math 125
(5) or (3)
Intro to Engineering
ENGR 102
(3)
Fund of Chemistry
Chem 151
(4)
1st Year Composition
Engl 101
(3)
Ind & Society
INDV, Tier 1
(3)

Sophomore
Calculus II
Math 129
(3)
Intro Mech
Phys 141
(4)
Computer Programming
ECE 175*
(3)
1st Year Composition
Engl 102
(3)
Trad & Culture
TRAD, Tier 1
(3)

Junior
Vect Calc
Math 223
(4)
Electr & Magn
Phys 241
(4)
Computer Programming II
ECE 275*
(3)
Digital Logic
ECE 274A*
(4)
Optics & Thermo
Phys 143
(2)
Obj Oriented Software
ECE 373*
(3)
Microprocessor Org.
ECE 372A*
(4)

Senior
Discrete Math
Math 243
(3)
Diff Eqn
Math 254
(3)
Basic Circuits
ECE 220*
(5)
Obj Oriented Software
ECE 373*
(3)
Microprocessor Org.
ECE 372A*
(4)

Computation Techniques
ECE 330*
(4)
Engr Systems Analysis
ECE 340*
(3)
Electronic Circuits
ECE 351C*
(4)
Technical Elective†
(3)
Technical Elective
(3)

Interdiscipl Design
ENGR 498A
(3) FALL ONLY
(3) SPRING ONLY

Interdiscipl Design
ENGR 498B
(3) SPRING ONLY

Required Computer Course
(3)
Technical Elective
(3)
Technical Elective
(3)
Technical Elective
(3)