BACHELOR OF SCIENCE IN COMPUTER ENGINEERING
(TOTAL NUMBER OF CREDITS: 122)

ENL 101
Crit. Writing and Reading I
[3] (Fall & Spring)

EGR 111
Intro. Eng. & Computing
[3] (Fall)

MTH 153
Calculus App. Sci. & Eng. I
[4] (Fall & Spring)

ECE 160
Found. Comp. Engineering I
[4] (Fall & Spring)

University Studies Elective (3B)
[3] (Fall & Spring)

ENL 102
Crit. Writing and Reading II
[3] (Spring & Fall)

ECE 250
Fundamentals of MATLAB
[2] (Spring & Fall)

MTH 154
Calculus App. Sci. & Eng. II
[4] (Spring & Fall)

PHY 111
Physics for Sci. and Eng. I
[4] (Spring & Fall)

ECE 161
Found. Comp. Engineering II
[4] (Spring)

ENL 266
Technical Communications
[3] (Fall & Spring)

ECE 201
Circuit Theory I
[3½] (Fall & Spring)

MTH 213
Calculus App. Sci. & Eng. III
[4] (Fall & Spring)

PHY 112
Physics for Sci. and Eng. II
[4] (Fall & Spring)

ECE 256
Found. Cyber Security
[3] (Fall)

Freshman
17 credits

Sophomore
17 credits

Sophomore
18 credits

University Studies Elective (4B)
[3] (Spring & Fall)

ECE 202
Circuit Theory II
[3½] (Spring)

MTH 212
Differential Equations
[3] (Spring & Fall)

ECE 256
Digital Log. & Comp. Design
[3½] (Fall)

ECE 263
Embedded System Design
[3½] (Spring)

University Studies Elective (3A)
[3] (Fall & Spring)

ECE 260
Digital Design
[3] (Spring)

ECE 355
Applied Discrete Structures
[3] (Fall)

ECE 311
Digital Electronics
[4] (Fall)

ECE 370
Design/Impl. RT Emb. RMS
[3] (Fall)

ECE 264
[4] (Spring)

ECE 368
Embedded Design Project
[3] (Fall)

ECE 310
Engineering Ethics
[1] (Spring)

MTH 331
Probability
[3] (Spring & Fall)

Science Elective

University Studies (2B)
[3] (Spring & Fall)

University Studies Elective (4A)
[3] (Spring & Fall)

University Studies Elective (4C)
[3] (Spring & Fall)

University Studies Elective (3B)
[3] (Fall & Spring)

University Studies Elective (4B)
[3] (Spring & Fall)

University Studies Elective (4C)
[3] (Fall & Spring)

** To enroll in ECE 457, students must have passed three of the following four courses: ECE 311, ECE 368, ECE 369, ECE 388.