B.S. IN COMPUTER ENGINEERING

Code	Title	Credits
Major in Computer Engineering (B.S.)		
COS 205	Scientific Computing	3
COS 212	Data Structures	4
COS 216	Algorithms and Advanced Data Structures	3
COS 235	Computer Systems	4
COS 335	Computer Security	3
COS 386	Data Communications and Computer Networks	3
COS 450	Humans and Computers	3
ENR 160	Introduction to Engineering	3
ENR 260	Careers in Engineering and Physics Seminar	1
ENR 306 & ENR 307	Digital Logic and Design and Digital Logic and Design Lab	4
ENR 316 & ENR 317	Analog Circuitry and Design and Analog Circuitry & Design Lab	4
ENR 336	Signals and Systems	4
ENR/PHY 352	Computer Methods in Physics and Engineering	3
ENR/PHY 353	Computer Methods in Physics and Engineering Lab	1
ENR 436 & ENR 437	Microprocessors and Microprocessors Lab	4
ENR 465	Engineering Design Seminar	1
ENR 490	Engineering Design Project	3
MAT 124M	Calculus 1 [1]	4
MAT 125	Calculus 2	4
MAT 223	Multivariable Calculus	3
MAT 224	Differential Equations with Linear Algebra	4
MAT 241	Discrete Mathematics	3
MAT 330	Probability and Statistics	3
PHY 292 & PHY 292D	General Physics I and General Physics I Lab	4
PHY 296 & PHY 297	General Physics II and General Physics II Lab	4
PHY 302 & PHY 303	Electronics and Electronics Lab	4

Code	Title	Credits
Major		84
General Education		40-41
Total Credits		**124-125**

[1] Students may test into this course via successful completion of the Math and Computer Science department placement exam or by completing MAT 123M and the Math and Computer Science department placement exam requirements.
Courses whose number is followed by a letter fulfill a General Education requirement.
Students may not declare a B.S. in Computer Engineering and a Minor in Computer Science.

Students may not declare a B.S. in Computer Engineering and a Minor in Engineering.