

Howard R. Hughes College of Engineering
Department of Electrical and Computer Engineering
B.S. in Computer Engineering

First Year - Fall	Cr	First Year - Spring	Cr
CHE 115 General Chemistry I*	4	PHY 180/180L Engr Physics I*	4
ENG 101 Composition I*	3	ENG 102 Composition II*	3
CSC 135 Computer Science I*	4	MAT 182 Elementary Calculus II*	4
MAT 181 Elementary Calculus I*	4	ECG 100 Computer & Logic Design I*	3
ECG 190 ECE Freshman Design*	1	CSC 136 Computer Science II	3
Total	16	Total	17

Second Year - Fall	Cr	Second Year - Spring	Cr
CSC 269 Intro to Data Struct	3	ECG 221/221L Circuits II	4
MAT 429 Math Engr & Sci I	3	CSC 218 Systems Programming*	3
ECG 220 Circuits I*	3	MAT 251 Discrete Math I	3
PHY 181/181L Engineering Physics I*	4	ECG 200 Computer & Logic Design II	3
UNLV Requirements*	3 or 4	UNLV Requirements*	3
Total	16-17	Total	16

Second Year - Summer Session 1	
ECO 190 Global Economics	3

Third Year - Fall	Cr	Third Year - Spring	Cr
ECG 200L Computer & Logic Design II	1	CSC 370 Operating Systems	3
ECG 320/320L Engineering Electronics I	4	ECG 402 Microprocessor Systems Design	3
ECG 300 Digital Systems Design	3	ECG 410 Hardware Descrip Lang: VHDL	3
STA 463 Applied Stat for Engineer	3	ECG 300L Digital Systems Design	1
HUM/SS Electives	6	UNLV Requirements	6
Total	17	Total	16

Fourth Year - Fall^^	Cr	Fourth Year - Spring^^	Cr
ENG 404 Technical Writing	3	Concentration I	3
Concentration I	4	Concentration II	3
Concentration II	3	Professional Elective	6
Professional Electives	6	ECG 490 Senior Design Project	3
Total	16	Total	15

* Pre-major requirement

TOTAL CREDITS = 132-133

^^ Students should submit a Graduation application one year before anticipated graduation date