

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

First Year - Fall	Cr	First Year - Spring	Cr
PHI 109 Intro to Formal Logic*		3 EEG 114 and EEG 191*	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 COS 101 Oral Communication*	3
Social Science Elective*		3 CSC 136 Computer Science II*	3
<hr/>			
Total	17	Total	17

Second Year - Fall	Cr	Second Year - Spring	Cr
CSC 218 Systems Programming*		3 CSC 219 Computer Organization	3
MAT 251 Discrete Math I*		3 CSC 269 Data Structures	3
MAT 265 Comput Linear Algebra		3 MAT 351 Discrete Math II	3
PHY 180/180L Engineering Physics I*		4 PHY 181/181L Engr Physics II	4
Constitutions Requirement		4 PHI 421 Symbolic Logic	3
<hr/>			
Total	17	Total	16

Third Year - Fall	Cr	Third Year - Spring	Cr
CSC 301 Social Implications		1 CSC 456 Automata/Formal Langs	3
CSC 319 Programming Languages		3 CSC 477 Algorithm Analysis	3
CSC 370 Operating Systems		3 STA 411 Applied Statistics I	3
Lab Science Elective		4 Lab Science Elective	4
Free Electives		4 Literature Elective	3
<hr/>			
Total	15	Total	16

Fourth Year - Fall^^	Cr	Fourth Year - Spring^^	Cr
CSC 478 Compiler Construction		3 CSC 472 Software Design/Develop	3
CSC 400 Elective		3 CSC 400 Elective	3
CSC 400 Elective		3 Fine Arts Elective	3
Social Sci/Multicultural Elective		3 Social Sci/International Elective	3
Free Elective		3 Free Elective	3
<hr/>			
Total	15	Total	15

* Pre-major requirement

TOTAL CREDITS = 128

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