

# COMPUTER SCIENCE SUGGESTED DEGREE PROGRAM SEQUENCE (Total 129)

## FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ENGL 1123 Freshman Composition I	3	ENGL 1133 Freshman Composition II	3
MATH 1124 Calculus I	4	HIST 1313 U.S. to 1876	3
CHEM 1033 General Chemistry	3	MATH 2024 Calculus II	4
CHEM 1011 Inorganic Chemistry Laboratory	1	SPCH 1003 Fund. of Speech Communication	3
COMP 1211 Computer Science Laboratory I	1	COMP 1221 Computer Science Laboratory II	1
COMP 1213 Computer Science I	3	COMP 1223 Computer Science II	3
COMP 1011 Intro to Engr. & CS Tech.	1		
COMP 1021 Intro to CS Lab.	1		
<b>Total</b>	<b>17</b>	<b>Total</b>	<b>17</b>

## SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
COMP 2013 Data Structures	3	COMP 2033 Assembly Language	3
MATH 2053 Discrete Mathematics	3	HIST 1323 The U.S.-1876 to Present	3
COMP Elective	3	COMP 2103 Discrete Structures	3
POSC 1113 American Government I	3	POSC 1123 American Government II	3
PHYS 2513 University Physics I	3	PHYS 2523 University Physics II	3
PHYS 2511 General Physics Laboratory I	1	PHYS 2521 Gen. Physics Laboratory II	1
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>16</b>

## JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
TECH 3203 Eng./Tech. Communications	3	COMP 3063 Operating Systems	3
Upper-level Free Elective	3	COMP 3053 Analysis of Algorithms	3
MATH 3073 Linear Algebra	3	Humanities	3
COMP 3033 Digital Logic Circuit	3	COMP 3223 Software Engineering	3
COMP 3043 Computer Organization	3	COMP Upper-level Computer Science Elective	3
MATH 3023 Probability and Statistics	3		
<b>Total</b>	<b>18</b>	<b>Total</b>	<b>15</b>

## SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
COMP 4133 Formal Languages Automata	3	COMP 4113 Programming Languages Design	3
COMP 4001 Ethics and Soc. Issues in Computing	1	COMP Upper-level Computer Science	3
Social and Behavioral Science	3	Upper-level Free Elective	3
COMP 4072 Senior Design Project I	2	COMP 4082 Senior Design Project II	2
COMP 4123 Computer Networks	3	HUPF 1011/1251 Human Performance	1
COMP 4953 Database Management	3	Visual and Performing Arts	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>