

Henderson State University
BS in Computer Science
8-Semester Degree Plan

First Semester Freshman

GEN 1031 Henderson Seminar	1
ENG 1463 Fresh. English A	3
CSC 1104 Foundations I	4
CSC 1104 Foundations I Lab	0
HIS Western Civilizations	3
HPR 1011 Life Fitness	1
Social Science	3
	<u>15</u>
	<u><u>15</u></u>

Second Semester Freshman

ENG 1473 Fresh. English B	3
CSC 1114 Foundations II	4
CSC 1114 Foundations II Lab	0
MTH 2283 Discrete Mathematics I	3
BIO 1013 Introduction to Biology	3
BIO 1021 Introduction to Biology Lab	1
HPR Activity	1
	<u>15</u>
	<u><u>15</u></u>

First Semester Sophomore

MTH 1295 Calculus I	5
MTH 1261 Mathematical Computing	1
CSC 2203 Data Structures	3
CSC 2173 Assembler Language	3
Humanities	3
	<u>15</u>
	<u><u>15</u></u>

Second Semester Sophomore

MTH 2045 Calculus II	5
CSC 3443 Computer Organization	3
COM 2013 Oral Communications	3
Social Science	3
CSC 3223 (WI) Algorithm Analysis	3
	<u>17</u>
	<u><u>17</u></u>

First Semester Junior

Science Sequence I	4
CSC 3193 Operating Systems	3
ENG 2683 Masters of Western Lit.	3
CSC 3463 (WI) Software Engineering	3
ENG 3313 Review Composition/Elective	3
	<u>16</u>
	<u><u>16</u></u>

Second Semester Junior

Science Sequence II	4
Social Science	3
CSC 3453 (WI) Programming Languages	3
CSC : 3133 Database Theory	3
CSC Jr/Sr Computer Science	3
	<u>16</u>
	<u><u>16</u></u>

First Semester Senior

CSC 3433 Computational Complexity	3
MTH Jr/Sr Mathematics	3
PHI 2013 Intro. to Philosophy	3
COM 3813 Business and Prof. Comm.	3
CSC Jr/Sr Computer Science	3
	<u>15</u>
	<u><u>15</u></u>

Second Semester Senior

CSC 4483 Capstone	3
CSC Jr/Sr Computer Science	3
CSC 3472 (WI) Technology and Society	2
Non-Western Cultures	3
MTH 3163 Probability & Statistics	3
ENG 3613 Technical Writing	3
	<u>17</u>
	<u><u>17</u></u>

Total Hours 126

Listed above is a suggested curriculum for obtaining the Bachelor of Science degree in Computer Science. Of particular importance in the listing is the sequence of computer science and mathematics courses. Students deviating from the suggested listing should be aware of course prerequisites and that all courses are not conducted each semester. Consultation with an academic advisor in computer science is strongly recommended prior to making changes to the suggested course sequence.