

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

**First Semester Freshman**

CSC 1104 Foundations I	4
CSC 1104 Foundations I Lab	0
ENG 1463 Fresh. English A	3
GEN 1031 Henderson Seminar	1
HPR 1011 Life Fitness	1
Social Science	3
Elective	3
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**Second Semester Freshman**

CSC 1114 Foundations II
CSC 1114 Foundations II Lab
ENG 1473 Fresh. English B
COM 2013 Oral Communications
Social Science
Elective

**First Semester Sophomore**

CSC 2173 Assembler Language	3
CSC 2203 Data Structures	3
MTH 1261 Mathematical Computing	1
MTH 1295 Calculus I	5
ENG 2683 Masters of Western Lit.	3
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**Second Semester Sophomore**

CSC 3223 Algorithm Analysis
CSC 3443 Computer Organization
MTH 2045 Calculus II
Humanities
Social Science

**First Semester Junior**

CSC 3193 Operating Systems	3
CSC 3463 Software Engineering	3
MTH 2283 Discrete Mathematics I	3
ENG 3613 Technical Writing	3
BIO 1013 Introduction to Biology	3
BIO 1021 Introduction to Biology Lab	1
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**Second Semester Junior**

CSC : 3133 Database Theory
CSC 3453 Programming Languages
CSC Jr/Sr Computer Science
MTH 2323 Statistical Methods
Elective

**First Semester Senior**

CSC 3433 Computational Complexity	3
CSC Jr/Sr Computer Science	3
MTH Jr/Sr Mathematics	3
COM 3813 Business and Prof. Comm.	3
Science Sequence I	4
	16
	16

**Second Semester Senior**

CSC 3472 Technology and Society
CSC 4483 Capstone
CSC Jr/Sr Computer Science
Non-Western Cultures
Science Sequence II

Total Hours 125

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 suggested course sequence.

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