COMPUTER SCIENCE

UNIVERSITY OF
**HEALTH SCIENCES
& PHARMACY**
in St. Louis

Below is a sample four-year plan of study for the Bachelor of Science in Computer Science program. Courses and time to complete the program varies based on each student's interests, course placements, earned credits and academic progress.

FIRST YEAR			
Fall Semester	**16 credit hrs**	**Spring Semester**	**15 credit hrs**
Internet History, Technology and Security	3 credit hrs	Programming for Everyone II	3 credit hrs
Programming for Everyone I	3 credit hrs	Web Development	3 credit hrs
The Effective Writer	3 credit hrs	Writer as Advocate	3 credit hrs
Humanities and Fine Arts General Education	3 credit hrs	Biostatistics	3 credit hrs
Foundations of Learning	1 credit hr	Fundamentals of Public Speaking	3 credit hrs
Applied Calculus for Health Sciences	3 credit hrs		
SOPHOMORE YEAR			
Fall Semester	**15-16 credit hrs**	**Spring Semester**	**15-16 credit hrs**
Application Development I	3 credit hrs	Application Development II	3 credit hrs
Probability and Advanced Statistics	3 credit hrs	Elective	3 credit hrs
Principles of Psychology	3 credit hrs	Principles of Sociology	3 credit hrs
Humanities and Fine Arts General Education	3 credit hrs	Humanities and Fine Arts General Education	3 credit hrs
Natural Sciences General Education	3-4 credit hrs	Natural Sciences General Education	3-4 credit hrs
JUNIOR YEAR			
Fall Semester	**15 credit hrs**	**Spring Semester**	**15 credit hrs**
Introduction to C	3 credit hrs	Inside of a Microprocessor	3 credit hrs
Data Structures	3 credit hrs	Algorithms	3 credit hrs
Organizational Communication	3 credit hrs	300- or 400-Level Writing Intensive Elective	3 credit hrs
Elective	3 credit hrs	Elective	3 credit hrs
Elective	3 credit hrs	Elective	3 credit hrs
SENIOR YEAR			
Fall Semester	**15 credit hrs**	**Spring Semester**	**15 credit hrs**
Product Development	3 credit hrs	Capstone Project	3 credit hrs
300- or 400-Level Writing Intensive Elective	3 credit hrs	300- or 400-Level Elective	3 credit hrs
Elective	3 credit hrs	Elective	3 credit hrs
Elective	3 credit hrs	Elective	3 credit hrs
Elective	3 credit hrs	Elective	3 credit hrs
TOTAL: 121-123 CREDIT HOURS			

NEXT STEPS

To learn more about the University or schedule a visit, contact the Office of Admissions at **admissions@uhsp.edu** or **314.446.8328**.