Computer Science (B.S.)

Available at FHSU:
✓ On-Campus   ✓ Online

Garden City Community College

Associate of Science *(Computer Information Systems Emphasis)*

General Education Courses:	semester	credits
☐ College Success	_____	1
☐ English Composition I	_____	3
☐ English Composition II	_____	3
☐ Public Speaking	_____	3
☐ College Algebra	_____	3
☐ Plane Trigonometry	_____	3
☐ General Psychology	_____	3
☐ Introduction to Sociology	_____	3
☐ Social Science Elective:^		
	_____	3
☐ Humanities & Fine Arts Electives:^		
	_____	3
	_____	3
☐ Natural Science Elective w/ Lab:^		
	_____	5
☐ Personal Wellness Elective(s):		
	_____	2

Program Courses:		
☐ Introduction to Management Information Systems	_____	3
☐ Introduction to Programming	_____	3
☐ Programming in Visual Basic	_____	3
☐ Programming in C++	_____	3
☐ Introduction to Computer Concepts & Applications	_____	3
☐ IT Essentials I: PC Hardware & Software (A+)	_____	6
☐ Networking Essentials	_____	3
☐ Security+	_____	3
☐ Webpage Design I	_____	3

Fort Hays State University

Bachelor of Science in Computer Science

General Education Courses:	semester	credits
☐ Social Science Electives:^		
3 hours must be upper division (300+)		
	_____	3
☐ Humanities Elective:^		
3 hours must be upper division (300+)		
	_____	3
☐ Natural Science Elective w/ Lab:^		
3 hours must be upper division (300+)		
	_____	4
☐ Upper Division Integrative Course Elective:^		
	_____	3
☐ Free Elective:		
6 hours must be upper division (300+)		
	_____	3
	_____	3

Major Courses:		
☐ Computer Science II	_____	3
☐ Object-Oriented Programming	_____	3
☐ Foundations of Computing	_____	3
☐ Data Structures	_____	3
☐ Assembly Language	_____	3
☐ Operating Systems	_____	3
☐ Programming Languages	_____	3
☐ Computer Graphics	_____	3
☐ Software Engineering	_____	3
☐ Seminar	_____	3

Cognate Courses:		
☐ Analytic Geometry & Calculus I	_____	5
☐ Elements of Statistics	_____	3
☐ Back-End Web Development I	_____	3
☐ Front-End Web Development I	_____	3
☐ Database Design & Programming	_____	3

Total Credit Hours: 68

^Electives must meet the Transfer & Articulation Agreement requirements.

Total Credit Hours: 66

^Electives must meet the Transfer & Articulation Agreement requirements.

Total Credit Hours Taken: 134

Last Updated on 6/11/2018