

Computer Science (B.S.)

Available at FHSU:

✓ On-Campus ✓ Online

Barton Community College

Associate of Science (*Computer Science Emphasis*)

General Education Courses:

	semester	credits
<input type="checkbox"/> English Composition I	_____	3
<input type="checkbox"/> English Composition II	_____	3
<input type="checkbox"/> Public Speaking	_____	3
<input type="checkbox"/> College Algebra	_____	3
<input type="checkbox"/> Computer Concepts & Applications	_____	3
<input type="checkbox"/> Social & Behavioral Science Electives:^	_____	3
_____	_____	3
<input type="checkbox"/> Humanities Electives:^	_____	3
_____	_____	3
<input type="checkbox"/> Natural Science Electives w/ Labs:^	_____	5
_____	_____	5
<input type="checkbox"/> Physical Education/Health/Performance Elective(s):	_____	2
_____	_____	2

Program Courses:

<input type="checkbox"/> Foundations of Computer Science	_____	3
<input type="checkbox"/> Computer Science I	_____	4
<input type="checkbox"/> Computer Science II	_____	3
<input type="checkbox"/> Object-Oriented Programming	_____	3
<input type="checkbox"/> Web Programming	_____	3
<input type="checkbox"/> Trigonometry	_____	3
<input type="checkbox"/> Analytic Geometry & Calculus I	_____	5
<input type="checkbox"/> Elements of Statistics	_____	3

Total Credit Hours: **66**

^Electives must meet the [Transfer & Articulation Agreement](#) requirements.

Fort Hays State University

Bachelor of Science in Computer Science

General Education Courses:

	semester	credits
<input type="checkbox"/> Social & Behavioral Science Electives:^	_____	3
_____	_____	3
<input type="checkbox"/> Humanities Elective:^	_____	3
_____	_____	3
<input type="checkbox"/> Upper Division Integrative Course Elective:^	_____	3
_____	_____	3

Major Courses:

<input type="checkbox"/> Foundations of Computing	_____	3
<input type="checkbox"/> Data Structures	_____	3
<input type="checkbox"/> Assembly Language	_____	3
<input type="checkbox"/> Operating Systems	_____	3
<input type="checkbox"/> Programming Languages	_____	3
<input type="checkbox"/> Computer Graphics	_____	3
<input type="checkbox"/> Software Engineering	_____	3
<input type="checkbox"/> Seminar	_____	3

Cognate Courses:

<input type="checkbox"/> Back-End Web Development I	_____	3
<input type="checkbox"/> Front-End Web Development I	_____	3
<input type="checkbox"/> Database Design & Programming	_____	3

Free Electives:

15 hours must be upper division (300+)

<input type="checkbox"/> _____	_____	3
<input type="checkbox"/> _____	_____	3
<input type="checkbox"/> _____	_____	3
<input type="checkbox"/> _____	_____	3
<input type="checkbox"/> _____	_____	3

Total Credit Hours: **60**

^Electives must meet the [Transfer & Articulation Agreement](#) requirements.

Total Credit Hours Taken: 126

Last Updated on 6/19/2018



**FORT HAYS STATE
 UNIVERSITY**

Forward thinking. World ready.

Department of Computer Science
 600 Park Street | Hays, Kansas 67601
 785.628.4559 | rlnewell@fhsu.edu
www.fhsu.edu/cs

Computer Science (B.S.)

Program Information
& FHSU Policies

Transfer Guide

Barton Community College and **Fort Hays State University** have partnered to offer this Transfer Guide for students wishing to pursue Computer Science. Students are encouraged to work with their advisor to ensure a smooth transition to FHSU. Completion of this degree prepares students to work with complex information and computing systems. Students will gain the skills and knowledge necessary to steadily advance in various federal agencies and private companies.

Students are required to successfully finish the curriculum listed on this guide and to meet any college, university, and/or state requirements for degree completion. Program degree requirements are subject to changes on the basis of program improvement and to meet state licensure requirements. All students must adhere to the following guidelines:

- ❖ If transition to FHSU occurs before 45 hours are complete, the student may be subject to additional course requirements.
- ❖ 60 credit hours with a passing grade must be earned from a regionally accredited baccalaureate degree-granting institution.
- ❖ 30 credit hours with a passing grade for a bachelor's degree must be earned from Fort Hays State University. Pass/No credit or Credit (CR) does not count towards the 30 semester hours.
- ❖ 45 credit hours in upper-division courses numbered 300 and above are required for graduation.
- ❖ Completion of at least 120 hours of credit with a passing grade.
- ❖ Minimum grade point average of 2.00 for the cumulative GPA and for all courses in the major, unless the department specifies a higher GPA (such as Allied Health, Nursing, Social Work, and Teacher Education).

Admission Procedures

Prior to enrolling at FHSU, students should apply for admission to FHSU. Please review the links below for information on the admission requirements and the application for admission to FHSU.

FHSU Admissions:

- ❖ Admission Requirements, www.fhsu.edu/transfer/admission/
- ❖ Admission Application, www.fhsu.edu/admissions/admissions-application/
- ❖ Transfer Student Information, www.fhsu.edu/transfer/
- ❖ Transfer Scholarships & Financial Aid, www.fhsu.edu/transfer/financial-aid/

Helpful Links

Barton Community College

Admissions, <https://bartonccc.edu/admission/>

Financial Aid, <https://bartonccc.edu/financialaid/>

Request Info, <https://bartonccc.edu/admission/requestinfo/>

Fort Hays State University

Admissions, www.fhsu.edu/admissions/

Financial Aid, www.fhsu.edu/finaid/

Dept. of Computer Science, www.fhsu.edu/cs/

Notice of Non-Discrimination: Fort Hays State University does not discriminate on the basis of gender, race, religion, national origin, color, age, marital status, sexual orientation, disability or veteran status in its educational programs, employment and all other activities. In addition, the university does not discriminate on the basis of a person's genetic information. FHSU is committed to an environment in which students, faculty, administrators, and staff work together in an atmosphere free from all forms of discrimination, harassment, exploitation and intimidation, including, but not limited to, verbal, physical, or written behavior directed toward or relating to an individual or group on the basis of their protected class status. Individuals who believe they have been discriminated against or harassed on the basis of their protected class status or are victims of sexual harassment should report such acts to the university Compliance Officer who will assist the grievant in seeking redress through the appropriate procedure. The Compliance Officer may be contacted at 600 Park Street, Hays, KS 67601, (785) 628-4033.

