



Computer Science Associate's Degree Program

4 Year Course of Study

	Language Arts	Social Studies	Science	Computer Science	Mathematics	Physical Education	Electives*
9th Grade	Honors STEM English I & II		Biology (or Honors)	CS Essentials -or- AP CS Principles	Honors Algebra II	Select From Required Courses	Select 2 Courses
10th Grade	English III or AP English Language	U.S. History	Chemistry (or Honors)	AP CS (Java)	Honors Pre-Calculus	Select From Required Courses	Select 1 Course
Summer	Fine Art IAI General Education Course (3 Credits / Online)						
11th Grade	DC Composition I • Fall Semester • 3 Credits ----- DC Composition II • Spring Semester • 3 Credits	DC Western Civilization • Fall/Spring Semester • 3 Credits ----- +AP Government • Fall/Spring Semester • 3 Credits	Physics	♦CSCI 130: Computer Science I • Fall Semester • 4 Credits ----- ♦CSCI 115: Discrete Structures • Spring Semester • 4 Credits	+AP Calculus BC • 9 Credits	Select from PE Electives -or- PE Exemption	Select 1 Course (<u>only if taking PE Exemption</u>)
Summer	♦BIOL 161: Principles of Biology (4 Credits / On Campus Lab & Online Lecture)						
12th Grade	DC Intro To Oral Communication • Fall/Spring Semester • 3 Credits ----- DC Intro To Humanities • Fall/Spring Semester • 3 Credits		♦CHEM 161: Chemistry I • Fall Semester • 5 Credits ----- ♦CHEM 162: Chemistry II • Spring Semester • 5 Credits	♦CSCI 131: Computer Science II • Fall Semester • 4 Credits ----- DC Statistics • Spring Semester • 4 Credits		Select from PE Electives -or- PE Exemption	Select 2 Courses (Fall) ----- Select 2 Courses (Spring)
Course on U5 Campus	Advanced Placement Course (~\$100 for AP test)	Dual Credit Course (No Tuition or Fees; Textbooks Cost May Apply)	HCC Course (Tuition, Fees & Textbooks Costs Apply)	*At least one semester of Consumer Education required for Unit 5 graduation + Heartland credit for AP course contingent on AP test score of 3 or above ♦ Course requires attendance on Heartland campus			