2018 - 2019
Associate in Science:
Computer Science Pathway

Arts and Sciences

AB Tech
Community College

Associate in Arts: Computer Science Pathway

All Pathways are design to transfer to a four-year institution for eventual completion of a BA/BS or BFA degree.

Computer Science is a growing field that needs students who think analytically to devise systems and programs, but must also be detail-oriented enough to troubleshoot problems. They must be able to communicate with non-technical peers to assess their needs and convey technical information in plain language. Possible careers are software developer, database administrator, computer hardware engineer, computer systems analyst, computer network architect, web developer, information security analyst, or computer programmer.

For More Information:

Contact Lindsey Carpenter by email at lindseymcarpenter@abtech.edu or call 828-398-7668

Total Cost Estimate

Tuition per Semester **(NC Resident) (Subject to change)**	$1,216.00 (16+ credit hours) $76.00/credit hour (1-15 hours)
Activity Fee	$32/semester (9+ credit hours) $22/semester (1-8 credit hours)
Computer Use and Technology Fee	$48/semester
Student Insurance	$2/semester
CAPS Fee	$10/semester
Consumable Supply Fees	$15 Some ART, BIO,CHM, HEA, PED, and PHY courses
Books	cost may vary

	Course Prefix		Course Name	Credit Hours
1st Semester	ACA	122	College Transfer Success	1
	COM	231	Public Speaking	3
	ECO	251	Prin of Microeconomics	3
	ENG	111	Writing and Inquiry	3
	MAT	171	Precalculus Algebra	4

(Appalachian State University)

2nd Semester	ART	111	Art Appreciation	3
	CIS	115	Intro to Prog & Logic	3
	ENG	112	Writing/Research in the Disc	3
	HIS	111	World Civilizations I	3
	MAT	172	Precalculus Trigonometry	4

(UNC Asheville)

2nd Semester	CIS	115	Intro to Prog & Logic	3
	ECO	252	Prin of Macroeconomics	3
	ENG	112	Writing/Research in the Disc	3
	HIS	111	World Civilizations I	3
	MAT	172	Precalculus Trigonometry	4

	Course Prefix		Course Name	Credit Hours

(Western Carolina University)

2nd Semester	BIO	111	General Biology I	4
	CIS	115	Intro to Prog & Logic	3
	ENG	112	Writing/Research in the Disc	3
	HIS	111	World Civilizations I	3
	MAT	172	Precalculus Trigonometry	4

3rd Semester	MAT	271	Calculus I	4

(Appalachian State University)

4th Semester	CSC	151	JAVA Programming	3
	HEA	110	Personal Health/Wellness	3
	MAT	272	Calculus II	4
	PHY	251	General Physics I	4

(UNC Asheville)

4th Semester	ART	111	Art Appreciation	3
	BIO	111	General Biology I	4
	FRE	111	Elementary French I (SPA 111)	3
	MAT	152	Statistical Methods I	4

(Western Carolina University)

4th Semester	BIO	112	General Biology II	4
	COM	140	Intro Intercultural Com	3
	CSC	134	C++ Programming	3
	MAT	272	Calculus II	4

(Appalachian State University)

5th Semester	CSC	134	C++ Programming	3
	HUM	220	Human Values and Meaning	3
	MAT	280	Linear Algebra	3
	PHY	252	General Physics II	4

(UNC Asheville)

5th Semester	CSC	134	C++ Programming (or CSC 151)	3
	FRE	112	Elementary French II (SPA 112)	3
	HUM	220	Human Values and Meaning	3
	PHI	240	Introduction to Ethics	3

(Western Carolina University)

5th Semester	CHM	151	General Chemistry I (or PHY 151 or PHY 251)	4
	CSC	151	JAVA Programming	3
	HUM	220	Human Values and Meaning	3
	PHI	240	Introduction to Ethics	3