2018 - 2019
Associate in Science:
Math Pathway

Arts and Sciences

ABTech
Community College

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

The field of mathematics forms the foundation of many other disciplines, including business, science, medicine, and economics. Mathematicians are taught skills such as data analysis, modeling, problem solving, and analytical thinking. A career in mathematics can also interface with other disciplines, such as biology and engineering, to generate new fields of study. Mathematicians usually end up in careers as diverse as industry, academia, or government.

For More Information:

Contact Tammy Sullivan by email at tammycsullivan@abtech.edu or call 828-398-7636

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

AA and AS degrees require completion of a minimum of 60 semester hours of credit, but pathways may include extra hours to meet university baccalaureate degree plans. Completion of hours beyond 60 may not be required to meet AA or AS graduation requirements but is recommended based on programs offered by intended transfer institutions.

	Course Prefix		Course Name	Credit Hours
	(UNC Asheville)			
1st Semester	ACA	122	College Transfer Success	1
	COM	231	Public Speaking	3
	ENG	111	Writing and Inquiry	3
	HIS	111	World Civilizations I	3
	MAT	172	Precalculus Trigonometry	4
	(Appalachian State University or Western Carolina University)			
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 (or MAT 172)	4

	Course Prefix		Course Name	Credit Hours
	(UNC Asheville)			
2nd Semester	CIS	115	Intro to Prog & Logic	3
	ENG	112	Writing/Research in the Disc	3
	HIS	112	World Civilizations II	3
	MAT	271	Calculus I (or MAT 272)	4
	(Appalachian State University or Western Carolina University)			
2nd Semester	ENG	112	Writing/Research in the Disc	3
	HEA	110	Personal Health/Wellness	3
	HIS	112	World Civilizations II	3
	MAT	172	Precalculus Trigonometry (or MAT 271)	4
	PHI	240	Introduction to Ethics	3
	(UNC Asheville)			
3rd Semester	ECO	251	Prin of Microeconomics	3
	MAT	272	Calculus II (or MAT 273)	4
	(Appalachian State University or Western Carolina University)			
3rd Semester	MAT	271	Calculus I (or MAT 272)	4
	(UNC Asheville)			
4th Semester	CHM	151	General Chemistry I (or PHY 251)	4
	CSC	151	JAVA Programming	3
	FRE	111	Elementary French I (or SPA 111)	3
	MAT	273	Calculus III	4
	(Appalachian State University or Western Carolina University)			
4th Semester	CHM	151	General Chemistry I (or PHY 251)	4
	ECO	252	Prin of Macroeconomics (or MAT 272)	3
	FRE	111	Elementary French I (or SPA 111)	3
	MAT	280	Linear Algebra	3
	(UNC Asheville)			
5th Semester	ART	111	Art Appreciation	3
	CHM	152	General Chemistry II (or PHY 252)	4
	FRE	112	Elementary French II (or SPA 112)	3
	HUM	220	Human Values and Meaning	3
	(Appalachian State University or Western Carolina University)			
5th Semester	CHM	152	General Chemistry II (or PHY 252)	4
	FRE	112	Elementary French II (or SPA 112)	3
	HUM	220	Human Values and Meaning	3
	MAT	273	Calculus III	4