





Associate in Science: Chemistry Pathway

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

Chemistry is the study of the materials that make up the world around us – how they behave, what they're made of, and what properties they have. Chemistry relies on experimental observations and the development of theories to explain the observations. Students studying chemistry develop skills to analyze data, develop models and theories based on data, and communicate complex ideas. A major in chemistry can prepare students for a career in areas such as engineering, medicine, research, business or education.

For More Information:

Contact Matthew Fender by email at matthewfender@abtech.edu or call 828-398-7316

Total Cost Estimate

Tuition per Semester (NC Resident)	\$1,216.00 (16+ credit hours) \$76.00/credit hour (1-15 hours)
Computer Use and Technology Fee	\$48/semester
Activity Fee	Fall and Spring semesters only, Main campus and Online, \$35.00
CAPS Fee (Campus Access, Parking and Security)	\$20/semester
Matriculation Fee	\$6/semester
Student Insurance	\$2/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
1st Semester	ACA 122	College Transfer Success	1
	CHM 151	General Chemistry I	4
	COM 231	Public Speaking	3
	ENG 111	Writing and Inquiry	3
	MAT 172	Precalculus Trigonometry	4

2nd Semester	CHM 152	General Chemistry II	4
	ENG 112	Writing/Research in the Disciplines	3
	MAT 271	Calculus I	4
	PSY 150	General Psychology	3

(UNC-Asheville)

3rd Semester	ART 111	Art Appreciation	3
	HIS 111	World Civilizations I	3

(Appalachian State University, Mars Hill University and Western Carolina University)

3rd Semester	ART 111	Art Appreciation	3
	HIS 112	World Civilizations II	3

4th Semester	CHM 251	Organic Chemistry I	4
	MAT 272	Calculus II	4
	PHY 251	General Physics I	4

(UNC-Asheville)

5th Semester	CHM 252	Organic Chemistry II	4
	HIS 112	World Civilizations II	3
	HUM 220	Human Values and Meaning	3
	PHY 252	General Physics II	4

(Appalachian State University, Mars Hill University and Western Carolina University)

5th Semester	CHM 252	Organic Chemistry II	4
	HEA 110	Personal Health/Wellness	3
	HUM 220	Human Values and Meaning	3
	PHY 252	General Physics II	4