

# 2022 - 2023 Associate in Science: **Chemistry Pathway**

**Arts and Sciences** 

MULTIPLE LOCATIONS | VARIED SEMESTER LENGTHS | NUMEROUS PROGRAMS | FINANCIAL AID









# 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 matthewafender@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.

	Cou	rse Pre	fix Course Name	Credit Hours
	ACA	122	College Transfer Success	1
ter	CHM	151	General Chemistry I	4
1st Semester	COM	231	Public Speaking	3
			Writing and Inquiry	3
	MAT	172	Precalculus Trigonometry	4

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

#### (UNC-Asheville)

**3rd Semester** 

4

5	ART	111	Art Appreciation	0
500	HIS	111	World Civilizations I	0
5				

### (Appalachian State University, Mars Hill University and

er	Western Carolina University)ART 111 Art Appreciation3				
nesi	ART	111	Art Appreciation	3	
3rd Sen	HIS	112	World Civilizations II	3	

	CHM	251	Organic Chemistry I	4
ster	MAT	272	Calculus II	4
Semes	PHY	251	General Physics I	4

## (UNC-Asheville)

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

### (Appalachian State University, Mars Hill University and

👸 Western Carolina University)

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

Asheville-Buncombe Technical Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate degrees, diplomas, and certificates. Questions about the accreditation of Asheville-Buncombe Technical Community College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's equal Opportunity Educational Institution.