A.S. majoring in Chemistry
Pathway to B.S. in Comprehensive Chemistry

	Shawnee Community College					
Year 1	ENG-0111	English Comp I	3	ENG-0112	English Comp II	3
	CHE-0114	Inorganic Chemistry I	5	CHE-0115	Inorganic Chemistry II	5
	HIS-0214	History of U.S. to 1877	3	MAT-0210	General Elementary Statistics	4
	MAT-0115	Pre-Calculus	5	Life Science	Life Science Elective	4
			16			16

	Shawnee Community College					
Year 2	PHY-0116	College Physics I	4	SPC-0111	Speech	3
	PSY-0211	Intro to Psychology	3	PHY-0117	College Physics II	4
	Fine Arts	Elective	3	SOC-0212	Sociology	3
	MAT-0209 or MAT-0215	Calculus I or Applied Calculus for Business	4-5	PHI-0218	Intro to Ethics & Values	3
	Humanities	Elective	3	Fine Arts/Hum.	Elective	3
			17			16

	Southeast Missouri State University					
Year 3	CH 271	Foundations of Analytical Chem.	5	CH 295	Chemistry Seminar II	2
	CH 341	Foundations of Organic Chem.	4	CH 343	Advanced Organic Chemistry	3
	CH 342	Organic Chemistry Lab I	1	CH 344	Organic Chemistry Lab II	2
	Electives		3	CH Electives	300 Level or Higher	3-4
				Electives		3
			13			13-14

	Southeast Missouri State University					
Year 4	CH 306	Inorganic Chemistry	3	CH 495	Chemistry Seminar III	1
	CH 531	Foundations of Biochemistry	3	CH 575	Chemical Instrumentation	4
	CH Electives	300 Level or Higher	3	CH Electives	300 Level or Higher	6
	Elective		3	Elective		3
	Elective		3			
			15			14

Updated: 2/14/24

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