A.S. majoring in Biochemistry
Pathway to B.S. in Chemistry: Biochemistry

	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-0209	Calculus I	5
	MAT-0115	Pre-Calculus	5	BIO-0111	Introduction to Biology	4
			16			17

	Shawnee Community College					
Year 2	MAT-0210	General Elem Statistics	4	PHY-0117	College Physics II	4
	PHY-0116	College Physics	4	SPC-0111	Speech	3
	Fine Arts	Elective	3	Fine Arts/Hum.	Elective	6
	Social Science	Elective	3	Social Science	Elective	3
	BIO-218	Intro to Microbiology	4			
			18			16

	Southeast Missouri State University					
Year 3	BI 173	Cell & Organismal Biology	4	BI 245	Lab Methods in Biotechnology	3
	CH 271	Foundations of Analytical Chemistry	5	CH 295	Chemistry Seminar II	2
	CH 341	Foundations of Organic Chemistry	4	CH 343	Advanced Organic Chemistry	3
	CH 342	Organic Chemistry Lab I	1	CH 344	Organic Chemistry Lab II	2
				CH 531	Foundations of Biochemistry	3
				BI, CH, FS Electives or CH 575 Chemical Instrumentation		3-4
			14			16-17

	Southeast Missouri State University					
Year 4	BI 283	Genetics	4	BI 404 Cell Biology or FS 552 Forensic Serology & DNA Analysis		2-3
	CH 306	Inorganic Chemistry	3	CH 495	Chemistry Seminar III	1
	CH 360	Polymer Chemistry	1	CH 532	Advanced Biochemistry	2
	CH 420	Forensic Chemistry	4	BI, CH, or FS Electives or CH 575 Chemical Instrumentation		3-4
	CH 533	Biochemistry	3	Electives	300 Level or above	3
			15			12-13

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