

PROGRAM ARTICULATION DEGREE PLAN				
Sauk Valley Community College	2023-2024		Southern Illinois University Carbondale	
AS Chemistry - 68 hrs			BS Chemistry (CHEM) Comprehensive Chemistry Specialization - 120 hrs	
			University Core Curriculum (UCC) - 39 hrs*	
		Hrs		Hrs
			UNIV 101	Saluki Success
COM 131	Intro to Oral Communication	3	CMST 101	Intro to Oral Communication
ENG 101	Composition I	3	ENGL 101	English Composition I
ENG 103	Composition II	3	ENGL 102	English Composition II
MAT 203	Calculus & Analytic Geometry I	4	MATH 150	Calculus I
	Social/ Behavioral Science Elective	3	SOCIAL SCIENCE	See <i>SIUC Transfer Equivalency Guide</i>
	Social/ Behavioral Science Elective	3	SOCIAL SCIENCE	See <i>SIUC Transfer Equivalency Guide</i>
	Humanities Elective	3	HUMANITIES	See <i>SIUC Transfer Equivalency Guide</i>
CHE 105	General Chemistry I	5	CHEM 200 -and- 201	Intro to Chemical Principles w/Lab
BIO 105	Principles of Biology	5	BIOL 211	Intro Cell Biology & Genetics
	Fine Arts Elective	3	FINE ARTS	See <i>SIUC Transfer Equivalency Guide</i>
			HUMAN HEALTH	NA
			MULTICULTURAL	NA
		35		0
			*An AS from a regionally accredited Illinois community college satisfies UCC requirements	
Program Requirements			Program Requirements	
FYE 101	First Year Experience	1	Any unarticulated courses will be used to satisfy general elective credit	
Personal Development		3		
CHE 106	General Chemistry II	5	CHEM 210 -and- 211	General & Inorganic Chemistry w/Lab
CHE 201	Organic Chemistry I	5	CHEM 340 -and- 341	Organic Chemistry I w/Lab
CHE 202	Organic Chemistry II	5	CHEM 442 -and- 443	Organic Chemistry II w/Lab
MAT 204	Calculus & Analytic Geometry II	4	MATH 250	Calculus II
PHY 211	Engineering Physics I	5	PHYS 205A -and- 255A	University Physics w/Lab
PHY 212	Engineering Physics II	5	PHYS 205B -and- 255B	University Physics w/Lab
		33		
			Supportive Skills Requirement	CS 201 -or- 202; ENGL 290 -or- 291 -or- 391; MATH 282 -or- 483
			CHEM 311	Intermediate Inorganic Chemistry
			CHEM 330	Quantitative Analysis
			CHEM 350 -and- 351	Biological Chemistry w/Lab
			CHEM 360 -and- 361	Physical Chemistry w/Lab
			Select 1 Course:	MATH 221 -or- 251 -or- 305 -or- 483
			CHEM 434	Instrumental Analysis
			CHEM 460	Quantum Mechanics
			CHEM 463	Physical Chemistry Lab II
			Select 1 Course:	CHEM 411, 431, 439, 444, 451A, 451B in lieu of 350, 452, 456, 468, 479
			General Electives	300/400 level
			General Elective	1
			*Credit from all areas must total 42 hours of 300/400 level courses	
				52
Total semester hrs completed with AS degree:		68	Total semester hrs completed with BS degree:	
				52
			Total hrs to BS degree:	
				120
<i>Degree Plan created on 5/3/23 by SG</i>				