

PROGRAM ARTICULATION DEGREE PLAN					
<i>Parkland College</i>	<i>2023-2024</i>	<i>Southern Illinois University Carbondale</i>			
AS - Biological Sciences - 60 Hours		BS - Biological Sciences (BIOS) Biomedical	Science Specialization - 120 Hours		
		University Core Curriculum (UCC) - 39 hrs*			
		Hrs	Hrs		
		UNIV 101	Saluki Success		
COM 103	Intro to Public Speaking	3	CMST 101	Intro Oral Communication	T
ENG 101	Composition I	3	ENGL 101	English Composition I	T
ENG 102	Composition II	3	ENGL 102	English Composition II	T
MAT 128	Calculus & Analytical Geometry I	5	MATH 150	Calculus I	T
	Social/Behavioral Sciences	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
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	Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide	T
			HUMANITIES		NA
CHE 101	General Chemistry I	5	CHEM 200 -and- 201	Intro to Chemical Principles w/Lab	T
BIO 141	Principles of Biology I	5	BIOL 211	Intro Cell Biology & Genetics	T
	Fine Arts	3	FINE ARTS	See SIUC Transfer Equivalency Guide	T
			HUMAN HEALTH		NA
			MULTICULTURAL		NA
		36			0
			*An AS from a regionally accredited Illinois community college satisfies UCC requirements		
Program Requirements		Program Requirements	Any courses not articulated will be used to satisfy general elective credit		
Elective		1			
BIO 142	Principles of Biology II	5	BIOL 212	Intro to Evolution & Ecology	T
CHE 102	General Chemistry II	5	CHEM 210 -and- 211	General & Inorganic Chemistry w/Lab	T
MAT 108	Intro Applied Statistics	3	MATH 282	Intro to Statistics	T
PHY 121	General Physics I	5	PHYS 203A -and- 253A	College Physics w/Lab	T
PHY 122	General Physics II	5	PHYS 203B -and- 253B	College Physics w/Lab	T
		24			
			BIOL 213	Intro Organismal Form & Function	4
			BIOL 305	Principles of Genetics	3
			BIOL 306	Cell Biology	3
			BIOL 409	Developmental Biology	3
			CHEM 340 -and- 341	Organic Chemistry I w/Lab	5
			CHEM 442 -and- 443 -or- CHEM 350 -and- 351	Organic Chemistry II w/Lab -or- Intro to Biological Chemistry w/Lab	5
			COS Supportive Skills Requirement	2-semester sequence of a Foreign Language --OR-- CS 105, 200B, 201 -or- 202 and ENGL 290, 291 -or- 391	6
			MICR 301	Principles of Microbiology	4
			MICR 302	Molecular Biology	3
			PHSL 310	Principles of Physiology	5
			Senior Seminar	Choose from: BIOL 485, MICR 495, PHSL 490, PLB 480 -or- ZOO 482	1
			Life Science Electives	Choose from approved courses 300/400 level	12
			General Electives		6
					60
Total semester hrs completed w/AS degree:		60	Total semester hrs completed w/BS degree:		60
			Total hrs to BS degree:		120
Degree Plan created on 5/12/23 by SG					