

PROGRAM ARTICULATION DEGREE PLAN				
Parkland College	2023-2024		Southern Illinois University Carbondale	
AS - Biological Sciences - 60 Hours			BS - Biological Sciences (BIOS)	Ecology Specialization - 120 Hours
			<b>University Core Curriculum (UCC) - 39 hrs*</b>	
		<b>Hrs</b>		<b>Hrs</b>
			UNIV 101	Saluki Success
COM 103	Intro to Public Speaking	3	CMST 101	Intro Oral Communication
ENG 101	Composition I	3	ENGL 101	English Composition I
ENG 102	Composition II	3	ENGL 102	English Composition II
MAT 128	Calculus & Analytical Geometry I	5	MATH 150	Calculus I
	Social/Behavioral Sciences	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide
	Social/Behavioral Sciences	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide
	Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide
			HUMANITIES	
CHE 101	General Chemistry I	5	CHEM 200 -and- 201	Intro to Chemical Principles w/Lab
BIO 141	Principles of Biology I	5	BIOL 211	Intro Cell Biology & Genetics
	Fine Arts	3	FINE ARTS	See SIUC Transfer Equivalency Guide
			HUMAN HEALTH	
			MULTICULTURAL	
		<b>36</b>		<b>0</b>
			*An AS from a regionally accredited Illinois community college satisfies UCC requirements	
<b>Program Requirements</b>			<b>Program Requirements</b>	
Electives		2	<b>Any courses not articulated will be used to satisfy general elective credit</b>	
BIO 142	Principles of Biology II	5	BIOL 212	Intro to Evolution & Ecology
CHE 102	General Chemistry II	5	CHEM 210 -and- 211	General & Inorganic Chemistry w/Lab
MAT 108	Intro Applied Statistics	3	MATH 282	Intro to Statistics
PHY 121	General Physics I	5	PHYS 203A -and- 253A	College Physics w/Lab
PHY 141	Mechanics	4	PHYS 205A -and- 255A	University Physics w/Lab
		<b>24</b>		
			BIOL 213	Intro Organismal Form & Function
			BIOL 304	Evolution
			BIOL 305	Principles of Genetics
			BIOL 307	Principles of Ecology
			CHEM 340 -and- 341	Organic Chemistry I w/Lab
			CHEM 350	Intro to Biological Chemistry
			COS Supportive Skills Requirement	2-semester sequence of a Foreign Language --OR-- CS 105, 200B, 201 -or- 202 and ENGL 290, 291 -or- 391
			MICR 301	Principles of Microbiology
			PHSL 310	Principles of Physiology
			PLB 300	Plant Diversity
			ZOOL 220	Animal Diversity
			Life Science Electives	Choose from approved courses 300/400 level
			Ecology Electives	Choose from approved courses 300/400 level
			Select 1 Course:	MICR 490, PLB 492, 493A, ZOOL 491, 492, 493, 496 -or- 497
			*Credit from all areas must total 42 hours of 300/400 level courses	
				<b>60</b>
<b>Total semester hrs completed w/AS degree:</b>		<b>60</b>	<b>Total semester hrs completed w/BS degree:</b>	
				<b>60</b>
			<b>Total hrs to BS degree:</b>	
				<b>120</b>
Degree Plan created on 5/12/23 by SG				