

PROGRAM ARTICULATION DEGREE PLAN				
Rend Lake College	2021-2022		Southern Illinois University Carbondale	
AS Biological Sciences - 65 hours			BS Biological Sciences (BIOS) Ecology Specialization- 120 Hours	
			University Core Curriculum (UCC) - 39 hrs*	
		Hrs		Hrs
			UNIV 101	Saluki Success
COMM 1101	Principles of Effective Speaking	3	CMST 101	Intro to Oral Communication
ENGL 1101	Rhetoric and Composition I	3	ENGL 101	English Composition I
ENGL 1102	Rhetoric and Composition II	3	ENGL 102	English Composition II
MATH 1111	Statistics	4	MATH 282	Intro to Statistics
MATH 1121	Calculus & Analytic Geometry I	5	MATH 150	Calculus I
	Social Science Elective	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide
	Social Science Elective	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide
			HUMANITIES	
	Humanities Elective	3	HUMANITIES	See SIUC Transfer Equivalency Guide
CHE 1103	Inorganic Chemistry	5	CHEM 200 -and- 201	Intro to Chemical Principles w/Lab
PHY 1101	College Physics I	5	PHYS 203A -and- 253A	College Physics w/Lab
BIO 1101	College Biology	5	BIOL 211	Intro to Cell Biology & Genetics
	Fine Arts Elective	3	FINE ARTS	See SIUC Transfer Equivalency Guide
HEA 1101	Health Education	2	PH 101	Foundations Human Health
			MULTICULTURAL	
		47		0
			*An AS from a regionally accredited Illinois community college satisfies UCC Requirements	
Program Requirements			Program Requirements	
BIO 1104	College Biology II	5	BIOL 212	Intro to Evolution & Ecology
CHE 1104	Inorganic Chemistry/Qual Analysis	5	CHEM 210, 211 -and- 212	Gen & Inorganic Chem w/Lab & Workshop
CHE 2120	Organic Chemistry I	5	CHEM 340 -and- 341	Organic Chemistry I w/Lab
CSCI 1101 -or- 1102	Intro Comp -or- Intro Comp w/Busi App	3	CS 200B -and- ITEC 229	Computer Concepts -or- Computing Business Administration
		18		
			College of Science Requirements	
			Biological Sciences	BIOL 213: Intro to Organismal Form & Function
			Supportive Skills	CS 105, 201, 202, ENGL 290, 291, 391 or any two semesters of foreign language
				7
			Program Requirements	
			BIOL 304	Evolution
			BIOL 305	Principles of Genetics
			BIOL 307	Principles of Ecology
			CHEM 350	Biological Chemistry
			MICR 301	Principles of Microbiology
			Senior Research/Field Studies/Internship	MICR 490, PLB 492, 493A, ZOOL 491, 492, 493, 496, -or- 497
			PHSL 310	Principles of Physiology
			PLB 300	Plant Diversity
			ZOOL 220	Animal Diversity
			Life Science Electives	300/400 Level
			Ecology Electives	300/400 Level
			Electives	
			*Credit from all areas must total 42 hours of 300/400 level courses	
				48
Total semester hrs completed with AS degree:		65	Total semester hrs completed with BS degree:	
			Total hrs to BS degree:	
				120
Degree Plan updated on 12/6/21 by SG				