Southern Illinois University

CARBONDALE

B.S. Plant Biology: Molecular & Biochemical Physiology

2020-2021 Major Map for First Time College Student

Course and Title	Sem. Hours	Min. Grade	Course and Title	Sem. Hours	Min. Grade
YEAR ONE – Semester 1			YEAR ONE – Semester 2		
CHEM 200/201/202, Intro Chem Princ/Lab	5.0	С	CHEM 210/211/212, Gen Inorg Chem/Lab	5.0	С
ENGL 101, Composition I	3.0	С	ENGL 102, Composition II	3.0	С
MATH 106 or 108, College Algebra	3.0	С	MATH 109, Trig & Analytic Geometry	3.0	С
BIOL 211, Intro Cell Biology & Genetics	4.0		BIOL 213, Intro Organismal Form Function	4.0	
UNIV 101, Saluki Success	1.0				
	16.0			15.0	
YEAR TWO – Semester 1			YEAR TWO – Semester 2		
CHEM 340/341, Organic Chemistry I/Lab	5.0	С	BIOL 306, Cell Biology	3.0	
BIOL 305, Principles of Genetics	3.0		MATH 141, Calculus for Biological Sciences	4.0	
BIOL 212, Intro Evolution & Ecology	4.0		UCC Social Science	3.0	
UCC Humanities	3.0		CHEM 350/351, Biological Chemistry/Lab	5.0	
	15.0			15.0	
YEAR THREE – Semester 1			YEAR THREE – Semester 2		
CMST 101, Intro Oral Communication	3.0		PLB Elective ²	3.0	
PLB 300, Diversity of Plants, Algae & Fungi	4.0		PLB 360, Introductory Biostatistics	3.0	
PLB 419, Plant Molecular Biology	3.0		BIOL 304, Evolution or BIOL 307, Ecology	3.0	
UCC Social Science	3.0		UCC Humanities	3.0	
UCC Human Health	2.0		Supportive Skills Course ¹	3.0	
	15.0			15.0	
YEAR FOUR – Semester 1			YEAR FOUR – Semester 2		
UCC Fine Arts	3.0		PLB 480, Senior Seminar	1.0	
PLB Elective ²	3.0		UCC Multicultural	3.0	
PLB 320, Elements of Plant Physiology	4.0		PLB 408, Elements of Plant Systematics	4.0	
Additional PLB Elective	4.0		Supportive Skills Course ¹	3.0	
			PLB Elective ²	3.0	
			Free Elective	1.0	
	14.0			15.0	
			1		

Total Hours: 120

Academic policies as well as degree and major-specific requirements can be found at *catalog.siu.edu*. All students are encouraged to meet with the academic advisor on a regular basis to ensure timely progress to degree.

University Core Curriculum (UCC) is satisfied with the transfer of an Associate of Art or Science (AA or AS) degree or the completion of the Illinois Articulation Initiative-General Education Core Curriculum (IAI-GECC) from an Illinois community college.

¹Choose from: CS 200B, CS 201, CS 202, ENGL 290, ENGL 291, MATH 282, or any 2-semester sequence of a foreign language ²Choose 9 hours from PLB 400, PLB 425, PLB 427, PLB 438, PLB 471, PLB 475, PLB 476