

The requirements listed below are intended as a guide for academic planning. Students are strongly urged to consult with their academic advisor to discuss their individual plan of study.

Parkland College Courses

SIU Carbondale Courses

Parkland College Courses	SIU Carbondale Courses
FIRST YEAR	
ENG 101 – Composition I (3)	ENGL 101 – English Composition I (3)
BIO 101 – General Biology (4)	PLB 115 – General Biology (3)#
CHE 101 – General Chemistry I (5)*	CHEM 200 – Intro to Chemical Principles (3)* & CHEM 201 – Gen Chemistry Lab I (1)#
AGB 101 – Intro to Animal Science (4)*	ANS 121 – Intro to Animal Science (3)* & ANS 122 – Livestock Production Lab (1)
ENG 102 – Composition II (3)	ENGL 102 – English Composition II (3)
COM 103 – Intro to Public Speaking (3)	CMST 101 – Intro: Oral Communication (3)
Humanities (3)	UCC Humanities (3)
Physical or Life Science (3)	UCC Science (3)
MAT 108 – Intro Applied Statistics (3)	MATH 282 – Intro to Statistics (3)
Social & Behavioral Sciences (3)	UCC Social Science (3)
SECOND YEAR	
PHY 121 – General Physics I (5)*	PHYS 203A – College Physics (3)* & PHYS 253A – College Physics Lab (1)#
CHE 102 – General Chemistry II (5)*	CHEM 210 – Gen & Inorganic Chemistry (3)* & CHEM 211 – Gen Chemistry Lab II (1)#
AGB 105 – Ag Applications of Computer (3)	AGSE 318 – Intro to Computers in Ag (3)
MAT 124 – College Algebra (4)*	MATH 108 – College Algebra (3)#*
AGB 102 – Intro to Agricultural Economics (4)*	ABE 204 – Food, Fiber & Nat Resources (3)*#
MAT 125 – College Trigonometry (3)*	MATH 109 – Trig & Analytic Geometry (3)*
Social & Behavioral Sciences (3)	UCC Social Science (3)
PHY 122 – General Physics II (5)*	PHYS 203B – College Physics (3)* & PHYS 253B – College Physics Lab (1_#
Fine Arts (3)	UCC Fine Arts (3)
Minimum Hours for AS Degree: 60 (69)	# If a transfer course equates to a SIUC course of lesser credit hours, the extra hours are awarded as General Elective Credit, so the student does not lose any credit hours.
(* = SIUC Required Course)	

BS Degree Completion at SIU Carbondale	
	Remaining UCC Requirements _ (Total 8 Hours) ZOOL 118 – Principles of Animal Biology (4) BIOL 211 – Intro Cell Biology & Genetics (4)
	Animal Science Curriculum (Total 76-78 Hours)
	PRE-VET REQUIREMENTS – (Total 28 hours) – (Total 24 hours remaining after transfer of ANS 121&122 (4) from Parkland AS degree.) ANS/HND 215 (2-Fall/Sum) – Intro to Nutrition ANS 315 (3/Spring) – Feeds and Feeding ANS 331 (4/Fall) – Growth & Developmental Physiology of Animals ANS 332 (3/Fall) – Animal Genetics ANS 337 (3/Fall) – Animal Health ANS 381 (1/Fall/Spring) – Animal Science Seminar ANS 431 (4/Spring) – Reproductive Physiology Choose 1 course: ANS 409 (4) – Equine Science, 430 (4) – Dairy Cattle Mgmt, 465 (4) – Swine Mgmt or 485 (4) – Beef Cattle Mgmt
	ANIMAL SCIENCE ELECTIVES – (Total 8 hours) with at least 7 credit hours from 300-400 level ANS courses.
	OTHER REQUIRED COURSES – (Total 32 hours) – (Total 17 hours remaining after transfer of MATH 109 (3), CHEM 210&211 (4), PHYS 203A&253A (4), and PHYS 203B&253B (4) from Parkland AS degree.) BIOL 211 (4) – Intro Cell Biology & Genetics CHEM 339 (3) – Intro to Organic Chemistry or CHEM 340 (3) – Organic Chemistry I CHEM 341 (2) – Organic Chem Lab I CHEM 350 (3/Spring) – Intro Biological Chemistry MICR 301 (4/Fall) – Principles of Microbiology
	AGRICULTURE ELECTIVES – (Total 5 hours)
	ELECTIVES – (Total 3-5 hours) (126 hours before Ag Electives & Electives)
Total Semester Hours AS to BS: 120	