

Major Checklist for Agriculture: Emphasis Pre-Professional

General Education Requirements		Credits	Semester	Grade
	General Education Core requirement			
MAT 113 or MAT 117	College Algebra or Elementary Statistics	3		
BIO 103/150, 104L	Principles of Biology/Principles of Biology lab	3		
CHM 101, CHM 102L	General Chemistry/General Chemistry Lab	3		
Min "C" Required	Total of General Education courses with core =	47		
	Upper division can be used in Gen Ed			
Core Requirements		Credits		
AGR 101	Introduction to Animal Science	3		
ENV 103	Introduction to Environmental Science (Gen Ed course)	3		
AGR 102	Introduction to Plant Science	3		
AGR 220	Introduction to Agricultural Economics	3		
AGR/GIS 208	Introduction to Geospatial Information Science	3		
AGR 211	Soils in Our Environment	3		
AGR 305	Wildlife Damage Management	3		
AGR 320	Agriculture Marketing	3		
AGR 325	Agriculture Experience	3		
AGR 312	Agronomic Crop	3		
AGR 324	Nutrient Management and Soil Health	3		
AGR 360A	Fundamentals of Aquaculture	3		
AGR 401	Agriculture Seminar	1		
	Total Core	37		
Required Emphasis Areas <u>Pre-Professional</u>		Credits		
BIO-155	Biology II	4		
CHM-102	General Chemistry II	4		
CHM-301	Organic Chemistry I	3		
CHM-302	Organic Chemistry II	3		
CHM-303	Organic Chemistry Lab	1		
CHM-306	Biological Chemistry	3		
PHY-101	College Physics I	4		
	Total Required Pre-Professional Emphasis Area	22		
Pre-Professional Electives				
AGR-300	Meat Science	3		
AGR-320A	Breeding and Genetics	3		
AGR-308/L	Beef/Dairy Production and Lab	3		
AGR-313/L	Pastures and Forages and Lab	3		
AGR-315/L	Sheep/Goat Production and Lab	3		
AGR-339/L	Poultry Production and Lab	3		

AGR-331	Animal Feeds and Nutrition	3		
AGR-406	Special Topics	3		
AGR, BIO, CHM, GIS	Upper Division Electives	12		
	Total Electives for Pre-Professional	15		
	Total forPre-Professional Emphasis	41		
	Gen Ed+Core+Emphasis=120+	125		