

**Out of Department Courses Listed on PaSS Degree Option Sheets**  
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Number	Name	Fall Odd ( '09, '11)	Spring Odd ( '11, '13)	Fall Even ( '10, '12)	Spring Even ( '10, '12)	Summer
ACCT 2103	Financial Accounting	√	√	√	√	
AG 1011	Orientation	√		√		
AGEC 1114	Introduction to Agricultural Economics	√	√	√	√	
AGEC 3183	Agribusiness Accounting and Taxation		√		√	
AGEC 3213	Quantitative Methods in Agricultural Economics	√	√	√	√	
AGEC 3323	Agricultural Product Marketing and Sales	√	√	√	√	
AGEC 3333	Agricultural Marketing and Price Analysis	√	√	√	√	
AGEC 3403	Agricultural Small Business Management	√		√		
AGEC 3423	Farm and Agribusiness Management	√	√	√	√	
AGEC 3463	Agricultural Cooperatives		√		√	
AGEC 3503	Natural Resource Economics		√		√	
AGEC 3603	Agricultural Finance	√	√	√	√	
AGEC 3703	Issues in Agricultural Policy	√		√		
AGEC 4333	Commodity Futures Markets		√		√	
AGEC 4343	International Agricultural Markets, Trade and Development	√	√	√	√	
AGEC 4403	Advanced Farm and Ranch Management		√		√	
AGEC 4413	Agricultural Law - now listed as AGEC 3713	√	√	√	√	
AGEC 4423	Advanced Agribusiness Management		√		√	
AGEC 4513	Farm Appraisal		√		√	
AGEC 4703	American Agricultural Policy		√		√	
AGEC 4803	International Agricultural Economics Tour					√
ANSI 1124	Introduction to the Animal Sciences	√	√	√	√	
ANSI 3423	Animal Genetics	√	√	√	√	
ANSI 3433	Animal Breeding	√	√	√	√	
ANSI 3443	Animal Reproduction	√	√	√	√	
ANSI 3543	Principles of Animal Nutrition	√	√	√	√	
ANSI 3653	Applied Animal Nutrition	√	√	√	√	
ANSI 4023	Poultry Science	√		√		
ANSI 4203	Rangeland and Pasture Utilization	√		√		
ANSI 4423	Horse Science		√		√	
ANSI 4543	Dairy Cattle Science		√		√	
ANSI 4553	Sheep Science	√		√		
ANSI 4613	Cow-Calf and Purebred Beef Cattle Management	√	√	√	√	
ANSI 4633	Stocker and Feedlot Cattle Management		√		√	
ANSI 4643	Swine Science	√		√		
ANSI 4843	Applications of Biotechnology in Animal Science		√		√	
BAE 3313	Natural Resources Engineering	√		√		
BAE 4313	Hydrology	√		√		
BIOC 2344	Chemistry and Applications of Biomolecules		√		√	
BIOC 3653	Survey of Biochemistry	√	√	√	√	
BIOC 3723	Biochemical Laboratory	√	√	√	√	
BIOC 4113	Biochemistry	√	√	√	√	
BIOC 4224	Physical Chemistry for Biologists		√		√	
BIOL 1114	Introductory Biology	√	√	√	√	
BIOL 3034	General Ecology	√	√	√	√	

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BIOL 3263	Plants and People - now listed as BOT 3263	√	√	√	√	
BOT 1404	Plant Biology	√	√	√	√	
BOT 3005	Field Botany	√		√		
BOT 3024	Plant Diversity				√	
BOT 3233	Plant Anatomy	√		√		
BOT 3462	Plant Physiology Laboratory		√		√	
BOT 3463	Plant Physiology		√		√	
BOT 4023	Community Ecology			√		
BOT 4123	Ethnobotany - NO LONGER AVAILABLE					
CHEM 1215	General Chemistry	√	√	√	√	
CHEM 1225	General Chemistry	√	√	√	√	
CHEM 1314	General Chemistry	√	√	√	√	
CHEM 1515	General Chemistry	√	√	√	√	
CHEM 2112	Quantitative Analysis Laboratory - now listed as CHEM 2122	√		√		
CHEM 2113	Principles of Analytical Chemistry	√		√		
CHEM 3015	The Chemistry of Organic Compounds	√	√	√	√	
CHEM 3053	Organic Chemistry	√	√	√	√	
CHEM 3112	Organic Chemistry Laboratory		√		√	
CHEM 3153	Organic Chemistry	√	√	√	√	
ENGL 1113	Composition I	√	√	√	√	
ENGL 1213	Composition II	√	√	√	√	
ENGL 1313	Critical Analysis and Writing I	√	√	√	√	
ENGL 1413	Critical Analysis and Writing II	√	√	√	√	
ENGL 3323	Technical Communication Theory and Criticism	√	√	√	√	
ENGR 4103	Impact of Law on Engineering Practice	√		√		
ENGR 4133	Intellectual Property Law for Technical Professionals	√		√		
ENTO 2091	Livestock Entomology		√		√	
ENTO 2991	Introduction to the Science of Entomology		√		√	
ENTO 2992	Introduction to the Science of Entomology		√		√	
ENTO 3021	Postharvest Insect Pests		√			
ENTO 3044	Insect Physiology		√			
ENTO 3331	Insect Pests of Agronomic Crops		√		√	
ENTO 3421	Horticultural Insects		√		√	
ENTO 3644	Insect Morphology	√		√		
ENTO 3663	Turfgrass Integrated Pest Management		√			
ENTO 4464	Insect Biology and Classification	√		√		
ENTO 4643	Aquatic Entomology - now listed as ENTO 4483		√		√	
ENVR 1113	Elements of Environmental Science	√		√		
ENVR 4112	Land Measurement and Site Analysis		√		√	
ENVR 4512	Environmental Impact Analysis		√		√	
GEOG 2343	Introduction to Geographic Information Systems	√	√	√	√	
GEOG 3023	Climatology	√		√		
GEOG 3333	Spatial Analysis	√		√		
GEOG 4313	Field Techniques and Geodata Collection	√		√		
GEOG 4323	Computer Cartography		√		√	

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GEOG 4333	Remote Sensing	√		√		
GEOG 4343	Geographic Information Systems: Resource Management Application	√	√	√	√	
GEOLOG 1114	Physical Geology	√	√	√	√	
GEOLOG 1224	Evolution of the Earth		√		√	
GEOLOG 2254	Practical Mineralogy	√		√		
GEOLOG 2364	Elementary Petrology		√		√	
GEOLOG 3014	Structural Geology	√		√		
GEOLOG 3073	Geomorphology	√		√		
GEOLOG 3503	Environmental Geology		√		√	
GEOLOG 4103	Introduction to Geophysical Exploration	√		√		
GEOLOG 4403	Geochemistry	√		√		
GEOLOG 4453	Hydrogeology	√		√		
GEOLOG 4463	Physical Hydrogeology irregular offering - check SIS for availability					
HIST 1103	Survey of American History	√	√	√	√	
HIST 1483	American History to 1865	√		√		
HIST 1493	American History Since 1865		√		√	
HORT 3084	Plant Propagation		√		√	
MATH 2103	Elementary Calculus	√	√	√	√	
MATH 2123	Calculus for Technology Programs I	√	√	√	√	
MATH 2133	Calculus for Technology Programs II	√	√	√	√	
MCAG 1413	Introduction to Engineering in Agriculture	√		√		
MCAG 4203	Irrigation Principles		√		√	
MICR 2123	Introduction to Microbiology	√	√	√	√	
MICR 2132	Introduction to Microbiology Laboratory	√	√	√	√	
MICR 3033	Cell and Molecular Biology	√	√	√	√	
MICR 3224	Advanced Microbiology - Now listed as MICR 3223	√	√	√	√	
MICR 4233	Advanced Cell and Molecular Biology		√		√	
NREM 2013	Ecology of Natural Resources		√			
NREM 3513	Principles of Conservation Biology	√		√		
NREM 4403	Wetland Ecology and Management		√			
NREM 4411	Water Quality Laboratory		√		√	
NREM 4413	Watershed Hydrology and Water Quality		√			
NREM 4813	Watershed Hydrology and Water Quality - now listed as NREM 4413		√			
PHYS 1014	Descriptive Physics	√	√	√	√	
PLP 3343	Principles of Plant Pathology	√		√		
PLP 4922	Applications of Biotechnology in Arthropod and Pathogen Control		√			
POLS 1113	American Government	√	√	√	√	
SPCH 2713	Introduction to Speech Communication	√	√	√	√	
STAT 2013	Elementary Statistics	√	√	√	√	
STAT 2023	Elementary Statistics for Business and Economics	√	√	√	√	
ZOOL 3143	Oceanography - NO LONGER AVAILABLE					
ZOOL 4434	Limnology	√		√		