

Murray State University Hutson School of Agriculture
Agriscience Technology Curriculum 2025-2026

University Studies - Foundations 33-34 Hrs				
Cat.	Dept.	No.	Description	Hrs.
Oral Communications				3
	COM	161	Intro. to Public Speaking	
Written Communications				4
	ENG	105	Critical Reading, Writing & Inquiry	
Scientific Inquiry and Methodologies (must include lab)				4
	BIO	101	Biological Concepts AND	
	BIO	100	Intro to Biology Lab	
Quantitative Reasoning				3 to 4
	MAT	140	College Algebra OR	
	MAT	117	Mathematical Concepts	
University Studies - The Human Experience				
Literary & Philosophical Perspectives				3
Historical Perspectives				3
Creative Perspectives				3
Social & Behavioral Perspectives				3
	AGR	199	Contemp. Issues in Food, Fiber & NR	
Culture, Diverse Perspectives & Responsible Citizenship				3
	AGR	200	Cultural & Intl. Ag Perspectives OR	
	AGR	353	World, Food, Agriculture & Society	
BS Science/Mathematics Requirement				4
	CHE	101	Consumer Chemistry OR	
	CHE	105	Introductory Chemistry OR	
	EES	199	Earth Science	

Complete 1 of the following Emphases)

Communications Emphasis				21 Hrs
	AGR	385	Dissem. Ag, Food & NR thro. Emerg. Media	3
	AGR	585	Specialized Journalism/RTV	3
	AGR	595	Integrated Ag Communication Strategies	3
	JMC	168	Contemporary Mass Media	3
	JMC	194	Newsriting	3
	JMC	330	Mass Media Effects	3
	JMC	590	Mass Communications Law	3

Horticulture Science Emphasis				19 Hrs
	AGR	262	Specialty Crop Production	3
	AGR	363	Landscape Plant Material	4
	AGR	360	Green House Production and Management	3
	AGR	361	Horticulture and Greenhouse Management Practi	3
	AGR	362	Floral Design	3
	AGR	367	Residential Landscape Design	3

Agriculture Core Courses-26 Hrs				
Cat.	Dept.	No.	Description	Hrs.
	AGR	100T	Transitions	1
	AGR	100	Animal Science	3
	AGR	330	Principles of Agribusiness Management	3
	AGR	333	Record Keeping & Analysis for Agribusiness	
	AGR	133	Field Applications for Ag	2
	AGR	140	Plant Science	3
	AGR	170	Intro to Ag Systems Tech	3
	AGR	370	Intro to Precision Agriculture	
	AGR	199	Contemp. Issues in Food, Fiber & NR	3
	AGR	339	Computer Apps for Ag	3
	AGR	345	Soil Science	3
	AGR	399	Prof Development Sem I	2
	AGR	499	Leadership/Prof Development Sem II	
Agriscience Technology Track Courses-24Hrs				
	AGR	377	Agriculture Safety	3
	AGR	334	Entrepreneurship in Agribusiness	3
	AGR		Electives	6
Complete at least 1 of the following:				3
	AGR	300	Animal Nutrition	
	AGR	301	Livestock Judging & Evaluation	
	AGR	302	Horse Science	
	AGR	311	Beef Science	
	AGR	312	Dairy Science	
	AGR	321	Poultry Science	
	AGR	326	Swine Science	
Complete at least 1 of the following:				3
	AGR	336	Agricultural Commodity Marketing	
	AGR	333	Agribusiness Records & Analysis	
	AGR	337	Agricultural Sales & Merchandising	
Complete at least 1 of the following:				3
	AGR	360	Greenhouse Production & Management	
	AGR	542	Plant Breeding I	
	AGR	549	Weeds & Their Control	
Complete at least 1 of the following:				3
	AGR	372	Agricultural Metal Processes	
	AGR	379	Field Equipment Technology & Management	
	AGR	470	Soil & Water Engineering	
	AGR	477	Agriculture Power Units	
	AGR	576	Agricultural Electrification	
	AGR	577	Tractor Power Principles	

Minimum Credential Hours: 120