



**MISSISSIPPI STATE UNIVERSITY™**  
**COLLEGE OF AGRICULTURE  
 AND LIFE SCIENCES**

**Business and Industry Concentration (Sample Schedule)**

Total Hours = 124

**FRESHMAN YEAR**

Fall Semester		Spring Semester	
EN 1103	English Composition I	EN 1113	English Composition II (EN 1103)
ADS 1111	Orientation to ADS	MA 1323 or MA 1713	Trigonometry (C in MA 1313 or MA 1103; or ACT math subscore of 24) <b>OR</b> Calculus I (C in MA 1323 or 1453; of ACT math subscore of 26)
ADS 1113	Animal Science		
ADS 1121	Animal Science Lab		
BIO 1134	Biology I		
	Creative Discovery Elective (3)	CH 1043	Survey of Chemistry I
		CH 1051	Experimental Chemistry
		ADS 3013	Anatomy & Physiology (BIO 1134 or 1144)
		ADS 3031	Anatomy & Physiology Lab
			Evaluation Elective (2)

**SOPHOMORE YEAR**

Fall Semester		Spring Semester	
AEC 2713, EC 2113, or EC 2123	Intro to Food & Resource Economics <b>OR</b> Principles of Macroeconomics <b>OR</b> Principles of Microeconomics	PO 3103	Genetics I (MA 1313, BIO 2113 or BIO 1134)
CH 1053	Survey of Chemistry II (CH 1043)	CH 2501 or CH 4511	Elem Organic Chem Lab (CH 1211 or CH 1051 or C in CH 1231 and CH1223 or CH 1244) or Organic Chemistry I Lab
ST 2113	Intro to Statistics (C in MA 1103, MA 1313, or or MA 2113)	CH 2503 or CH 4513	Elem Organic Chem (CH 1213 or CH 1043) <b>OR</b> Organic Chem I (C in CH 1223 or CH 1244)
	General Agriculture Elective (3)		
	Business Elective (3)		
			Evaluation Elective (2)
			Humanities Elective (3)
			Social Science Elective (3)

**JUNIOR YEAR**

Fall Semester		Spring Semester	
ADS 2111	ADS Career Planning (ADS 1111)	ADS 4213	Feeds and Feeding (ADS 4114/6114)
ADS 4114	Animal Nutrition (CH 2503 and CH 2501 or CH 4 513 and CH 4511)	ADS 3214	Growth and Development (ADS 1113 and ADS 1121 or ADS 1114 and ADS 3013)
	Production Elective (4) (ADS 1113, ADS 1121, and ADS 3013)	ADS 4124	Animal Breeding (PO/BIO 3103 and ST/MA/ BQA 2113)
ADS 3313	Intro to Meat Science (SO)		Production Elective (4) (ADS 1113, ADS 1121, and ADS 3013)
ADS 3311	Meat Processing Lab (SO)		
	Humanities Elective (3)		

**SENIOR YEAR**

Fall Semester		Spring Semester	
ADS 4613	Physiology of Reproduction (BIO 1134/1144 and ADS 3013)	ADS 4221	Capstone in ADS (Sr.)
ADS 4611	Practices in Physiology of Reproduction		Business Elective (3)
ADS 4420, ADS 4440, or ADS 4520	Experiential Learning		General Agriculture Elective (2)
CO 1003 or CO 1013		Fund of Public Speaking or Intro to Communication	
	Business Elective (3)		
	General Agriculture Elective (2)		



**2025–2026 APPROVED ELECTIVES LIST**  
**ANIMAL AND DAIRY SCIENCES**  
**Business and Industry Concentration**

<b>CREATIVE DISCOVERY ELECTIVES</b> (MUST SATISFY MSU GENERAL EDUCATION) (3 HOURS)		<b>HUMANITIES ELECTIVES</b> (MUST SATISFY MSU GENERAL EDUCATION) (6 HOURS)	
AAS 1103	African American Music	AAS 1063	Intro to African American Studies
ARC 1013	Architectural Appreciation	ARC 2313	History of Architecture I
ART 1013	Art History Pre-1300's	ARC 3313	History of Architecture II (ARC 2313)
ART 1023	Art History Post-1300's	EN/FL 2123	Greek and Latins Roots of English
ART 1113	Art Appreciation	EN 2203	Intro to Lit (EN 1103, EN 1113)
ART 2063	Global Contemporary Art	EN 2213	English Lit Before 1800 (EN 1103, EN 1113)
ART 2413	Appreciation of Arts and Crafts Movement	EN 2223	English Lit After 1800 (EN 1103, EN 1113)
CO 1503	Intro to the Theatre	EN 2243	American Lit Before 1865 (EN 1103, EN 1113)
HON 3173	Honors Seminar in Fine Arts (SO) (EN 1113)	EN 2253	American Lit After 1865 (EN 1103, EN 1113)
ID 3643	History of Interiors I	EN 2273	World Lit Before 1600 (EN 1103, EN 1113)
LA 1803	Landscape Architecture Appreciation	EN 2283	World Lit After 1600 (EN 1103, EN 1113)
MU 1103	African American Music	FL 1113-2143	Foreign Language
MU 1113	His & Appr of Music	HI 1063	Early US History
MU 1123	American Music App	HI 1073	Modern US History
MU 1133	History of Rock and Roll	HI 1163	World History Before 1500
MU 1143	Hist & Appr of Dance	HI 1173	World History After 1500
PSS 2343	Floral Design	HI 1213	Early Western World
<b>EVALUATION ELECTIVES</b>		HI 1223	Modern Western World
ADS 2102	Equine Conformation & Perf Eval	HI 1313	East Asian Civ to 1300
ADS 2202	Companion Animal Eval	HI 1323	East Asian Civ II
ADS 3142	Meats Judging I	HI 4683	Europe: WWI to Hitler (one HI course)
ADS 3812	Dairy Cattle Appraisal	HON 1163	The Quest Begins
ADS 4212	Livestock Eval ADS	HON 3183	Hon Sem in the Hum (SO)(EN 1103, EN 1113)
ADS 4232	Adv. Livestock Eval	PHI 1103	Intro to Philosophy
FNH 2112	Food Products Eval	PHI 1113	Intro to Logic
<b>BUSINESS ELECTIVES</b>		PHI 1123	Intro to Ethics
ACC 2013	Prin Financial Accounting	PHI 3023	History of Western Philosophy I
AEC 2713	Intro Food & Resource Econ	PHI 3033	History of Western Philosophy II
AEC 3113	Intro to Quant Econ	PHI 3153	Aesthetics
AEC 3133	Intro Agribusiness Mgt	REL 1103	Intro to Religion
AEC 3213	International Trade in Ag	REL 3213	World Religions I
AEC 3233	Intro Environmental Econ & Policy	REL 3223	World Religions II
AEC 3413	Intro to Food Marketing	<b>PRODUCTION ELECTIVES</b>	
AEC 3513	Intro Food & Fiber Prod	ADS 4223/31	Horse Mgt & Prac. in Horse Care Lab
AEC 4113	Agribusiness Firm Mgt	ADS 4113/1	Swine Science & Swine Prod Lab
AEC 4123	Financial & Comm Futures	ADS 4213/11	Goat & Sheep Prod & Lab
AEC 4133	Food Markets & Prices	ADS 4323/1	Beef Cattle Science & Lab
AEC 4233	Environmental Economics	ADS 4513/1	Companion Animal Mgt & Lab
AEC 4343	Adv Farm Management	ADS 4813/1	Dairy Farm Mgt & Lab
AEC 4413	Public Problems of Ag	PO 4334	Broiler Production
EC 2113	Prin Macroeconomics		
EC 2123	Prin Microeconomics		
EC 4323	International Econ		
MGT 3114	Prin Management & Prod		
MGT 3513	Intro Human Res. Mgt.		
MKT 3013	Principles of Marketing		
MKT 3213	Retailing		
MKT 3933	International Mkt.		
MKT 4113	Personal Selling		
MKT 4143	Sales Management		
Mkt 4213	Internet Marketing		
SCL 4333	Supply Chain Process Analysis		



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<b>SOCIAL SCIENCE ELECTIVES</b>		<b>GENERAL AG ELECTIVES (CONTINUED)</b>	
<small>(MUST SATISFY MSU GENERAL EDUCATION) (3 HOURS)</small>			
ADS 1013	Animal Agriculture & Society: Food for Thought	ADS 4112	Equine Reproduction
AEC 2713	Introduction to Food and Resource Economics	ADS 4113	Swine Science
AN 1103	Introduction to Anthropology	ADS 4211	Goat and Sheep Production Lab
AN 1143	Introduction to Cultural Anthropology	ADS 3212	Livestock Evaluation
AN 1543	Introduction to Archaeology	ADS 4223	Goat and Sheep Production
AN 2403	Introduction to the Study of Language	ADS 4232	Advanced Livestock Evaluation
CO 1223	Introduction to Communication Theory	ADS 4243	Food Comp & Reaction
CO 1403	Introduction to the Mass Media	ADS 4313	Adv Science of Muscle Foods
EC 1033	Economics of Social Issues	ADS 4321	Beef Cattle Laboratory
EC 2113	Prin of Microeconomics (SO)	ADS 4323	Beef Cattle Science
EC 2123	Prin of Microeconomics (SO)	ADS 4333	Equine Exercise Phy
EN 2403	Introduction to the Study of Language	ADS 4412	Management Livestock Sales I
EPY 2513	Human Growth and Development	ADS 4433	Adv Beef Cattle Prod
EPY 3503	Principles of Educational Psychology	ADS 4543	Applied Animal Biotechnology
EPY 3543	Psychology of Adolescence	ADS 4553	Current Literature in ADS
FO 4113	Forest Resource Economics (AEC 2713)	ADS 4623	Physiology of Lactation
GR 1123	Introduction to World Geography	ADS 4633	Animal Immun. and Disease
GR 2013	Cultural Geography	ADS 4723	Animal Microbiome
HDFS 1813	Development through the Lifespan	ADS 4811	Dairy Mgmt Lab
HON 1173	The West and the Wider World	ADS 4813	Dairy Farm Mgt
HON 3143	Hon Seminar in Soc Sci (SO)(EN 1103, EN 1113)	ADS 4823	Adv Dairy Farm Mgmt
PO 1013	Animal Agriculture & Society: Food for Thought	AELC 3803	Fnd Ldsh Ag/Life Sciences
PS 1113	American Government	AELC 4403	Dev of Youth Programs
PS 1313	Introduction to International Relations	AELC 4424	Teach Meth in Ag & Human Sci
PS 1513	Comparative Government	EPP 2213	Intro To Insects
PSY 1013	General Psychology	FNH 1103	Intro Food Sci, Nutr & Health
PSY 3073	Psychology of Interpersonal Relations (PSY1013)	FNH 2112	Food Products Evaluation
SO 1003	Introduction to Sociology	FNH 4114	Analysis of Food Product
SO 1103	Contemporary Social Problems	FNH 4143	Dairy Foods Proc
SO 1203	Sociology of Families	FNH 4164	Qual Assur Food Prod
<b>GENERAL AG ELECTIVES</b>		FNH 4173	Food Packaging
ABE 1073	Technology Design I.	FNH 4313	Adv Science of Muscle Foods
ABE 1863	Eng Tech In Ag	FNH 4333	Food Law
ABE 1922	Intro to Design for Bio Sys	FNH 4514	Poultry Processing
ABE 2873	Land Surveying	FNH 4553	Current Issues Food Sci
ABE 3413	Bioinstrumentation I	FNH 4563	Food Prods Eval
ABE 4163	Machinery Mgt Agro-Ecosystems	FNH 4583	Food Preservation Tech
ABE 4263	Soil & Water Mgt	FNH 4593	New Food Product Devel
ABE 4383	Building Construction	PO 1013	Animal Agriculture & Society
ABE 4423	Meas and Ctrl in Bio Systems	PO 4033	Diseases of Poultry
ABE 4483	Intro to Remote Sensing	PO 4313	Mgt Comm Layers
ADS 1013	Animal Agriculture and Society	PO 4324	Avian Reproduction
ADS 1132	Horse Handling	PO 4334	Broiler Production
ADS 2102	Equine Conf/Perf Ev	PO 4423	Feed Manufacturing
ADS 2122	Adv Equine Eval	PO 4512	Poult. Prod. Safety & Sanit
ADS 2313	Behavior & Training	PO 4514	Poultry Processing
ADS 4513	Companion Animal Management	PSS 1313	Plant Science
ADS 2312	Advanced Horsemanship	PSS 3043	Fruit Science
ADS 3142	Meats Judging I	PSS 3133	Intro Weed Science
ADS 3233	Equine Assisted Therapy	PSS 3301	Soils Laboratory
ADS 3312	Livestock Mgt Practice	PSS 3303	Soils
ADS 3812	Dairy Cattle Appraisal	PSS 4103	Forage Pasture
ADS 4111	Swine Production & Mgmt Lab	PSS 4113	Agricultural Crop Phys
		PSS 4123	Grain Crops
		PSS 4133	Fiber and Oilseed Crops
		PSS 4313	Soil Fertility and Fertilizers