School of Agriculture

MURRAY STATE UNIVERSITY

Agricultural Articulation Agreement

with

Rend Lake College

2009

Murray State University Contact List

For assistance with the transfer process including admissions, housing, paying for college, etc., please contact the Murray State University Transfer Center at

Murray State University
Transfer Center
Toll-free: 1-800-669-7654
Phone: 270-809-2185
Fax: (270) 809-3593
Email: transfercenter@murraystate.edu
Website: http://www.murraystate.edu/ceao/transfercenter/index.htm

For assistance with this articulation agreement or if you have specific questions about agriculture, please feel free to contact Murray State University School of Agriculture at

Murray State University
School of Agriculture
103 S. Oakley Applied Science Building
Murray, KY 42071-3345
Phone: (270) 809-3328
Fax: (270) 809-5454
Email: ag@murraystate.edu
Website: www.murraystate.edu/agr

Murray
MURRAY STATE UNIVERSITY™
School of Agriculture
103 South Oakley Science Building
Murray, KY 42071-3345
Phone (270) 809-3328 Fax (270) 809-5454

September 15, 2009

MSU Agriculture – Where we know how to grow things…like enrollment!

On behalf of our faculty and staff, I would like to express our appreciation to the area community college faculty for working with us to develop articulation agreements to our academic degree options. At the same time, we would like to invite all the community college students to "come join us" as you continue your educational pursuits.

By definition, articulation is the "process by which one institution matches its courses or requirements to course work completed at another institution". Students may use this course articulation to assure that the courses they complete at the community college will not have to be repeated at Murray State. Additionally, the articulation agreements that have been developed contain a degree plan that includes the courses taken at the community college and the additional MSU classes and requirements that will have to be taken to complete a Bachelor of Science Degree in Agriculture. It is our hope that these agreements will assist students in determining what courses will be required for graduation.

Our School of Agriculture at MSU recognizes the importance and the quality of the programs at the regional community and technical colleges. Many of our best students in the past years have come to us through transfer programs. It is our desire to create a seamless and "transfer friendly" agreement that will encourage students to continue their educational pursuits at our university and to become engaged in the respective agricultural career of their choice.

Please let us know if we can assist you in any way. You can contact the School of Agriculture at (270) 809-3328 or at ag@murraystate.edu.

Come Join Us,

Tony

Dr. Tony Brannon, Dean
MSU School of Agriculture

AGRICULTURAL ARTICULATION AGREEMENT

MURRAY STATE UNIVERSITY
AND
REND LAKE COLLEGE

Whereas, Murray State University and the School of Agriculture wish to cooperate fully with Rend Lake College, and

Whereas, the Rend Lake Agriculture program provides quality higher education training to a growing number of agricultural students, and

Whereas, agriculture students enrolled at Rend Lake College may wish to pursue a Bachelor of Science degree after completion of the program at Rend Lake College, and

Whereas, Murray State University and the agriculture program are regionally and nationally recognized and can provide an excellent opportunity for students to obtain an economical, yet quality degree in agriculture, and

Whereas, Murray State University provides a personal, hands-on quality education and has as its motto "large enough to serve you, small enough to know you", and

Whereas Murray State University agrees to adjust the requirement that 42 hours of upper-level courses must be taken at MSU down to at least 31 hours of upper-level courses must be taken at MSU as noted within the agreement;

Be it therefore resolved that Murray State University and Rend Lake College hereby enter into an agricultural articulation agreement as described in the attached curriculum agreements.

This agreement will serve as the official transfer agreement and will be accepted as written. Individual exceptions to this agreement will be accepted with the approval of both parties.

Murray State University

President

Provost/Vice President

Director, Transfer Center

Registrar

Dean, School of Agriculture

Rend Lake College

Vice President of Career Technology

Division Char of Applied Science and Technology

REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL BUSINESS TO AGRICULTURAL EDUCATION CURRICULUM

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC - ENGL 1101 & 1102 (6)**	**~~4~~ (6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**12 HRS**
BIO	101	Biological Concepts	4	
CHE	105	Intro. to Chemistry I	4	
MAT	140	**RLC – MATH 1108 (3)**	**~~4~~ (3)**	
WORLD'S HISTORICAL , LITERARY & PHILOSOPHICAL TRADITIONS				**6 HRS**
HUM	211	Western Humanities Tradition	3	
CIV	201	World Civilization	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
PSY	180	**RLC – PSYC 2101 (3)**	3	
EDP	260	Psychology of Human Development	3	
UNIVERSITY STUDIES ELECTIVES				**10 HRS**
AGR	199	Contemporary Issues in Ag	3	
SELECT ONE OF THE FOLLOWING COURSES:				
CHE	106	Intro. to Chemistry II	4	
GSC	199	Earth Science	4	
BIO	221	Zoology: Animal Form & Functions	4	
BIO	222	Botany: Plant Form & Functions	4	
43-44 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**26 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	**~~3~~ (4)**	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	240	**RLC – AGRI 1263 (4)**	**~~3~~ (4)**	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	**~~3~~ (5)**	*
AGR	339	**RLC – CSCI 1102 (3)**	3	
AGR	399	Professional Development Seminar I	1	
AGR	599	Ag Senior Capstone	1	

AGRICULTURE CURRICULUM COURSES CONTINUED

AGRICULTURAL EDUCATION OPTION				**24 HRS**
AED	380	Intro. to Ag Ed, Extension & Leadership	3	
AED	583	Practicum in Ag Ed, Extension & Public Service Leadership	3	
AGR	360	Greenhouse Management	3	
AGR	337	Ag Sales & Merchandising	3	
		OR		
AGR	433	Farm Management	3	
SELECT ONE OF THE FOLLOWING COURSES:				
AGR	461	Plant Propagation	3	
AGR	471	Applications for Precision Agriculture	3	
AGR	573	Ag Processing Systems	3	
AGR	325	Small Animal Science	3	
AGR	321	Poultry Science	3	
AGR	303	Advanced Horse Science	3	
AGR	555	Advanced Soil Fertility	3	
SELECT ONE OF THE FOLLOWING COURSES:				
AGR	362	Floral Design	3	
AGR	364	Nursery Management	3	
AGR	367	Residential Landscape Design	3	
AGR	368	Landscape Construction	3	
MUST TAKE THE FOLLOWING COURSES:				
AGR	300	**RLC – AGRI 1282 (3)**	3	*
SELECT ONE OF THE FOLLOWING COURSES:				
AGR	371	Ag Buildings & Construction	3	
AGR	372	Ag Metal Processes	3	
AGR	570	Ag Systems Tech Lab Mgt	3	
PROFESSIONAL EDUCATION COURSES				**31 HRS**
AED	580	Methods to Teaching Ag Ed	3	
CTE	501	Teaching Through App	3	
CTE	502	Instructional Media, Curricula & Assessment in CTE	3	
CTE	503	Planning & Implementing Instruction in CTR	3	
HEA	195	**RLC – HEA 1102 (2)**	2	
SED	300	Education Students with Disabilities	3	
SEC	421	Student Teaching in Secondary School	14	

ELECTIVES

RLC – ACCO 1101 (3), AGRI 1285 (3), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), AGRI 2210 (4), AGR 335 – AGRI 2241 (3) *, AGR 336 – AGRI 2242 (5) *, AGR 376 – AGRI 1262 (3) *

***Fulfills 300 + level courses at MSU.**

****RLC students may complete equivalent required university studies courses at Rend Lake Community College to complete MSU university studies requirements.**

*****RLC students must complete 31 hours of 300 + level courses at MSU.**

*****Note: Certification requires a grade of B or better in one English composition course and a C or better in a University Studies math course, public speaking, and EDU 103 or equivalent course. Additional requirements for admission to teacher education and student teaching must be met. See advisor and/or Office of Teacher Education for details.**

REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL BUSINESS TO AGRICULTURAL SYSTEMS TECHNOLOGY CURRICULUM

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC – ENGL 1101 & 1102 (6)**	~~4~~ **(6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**13 HRS**
MAT	140	**RLC – MATH 1108 (3)**	~~4~~ **(3)**	
CHE	105	Intro. to Chemistry I	4	
BIO	101	Biological Concepts	4	
WORLD HISTORICAL LIT. AND PHILOSOPHY				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
AGR	199	Contemporary Issues in Ag	3	
PSY	180	**RLC – PSYC 2101 (3)**	3	
UNIVERSITY STUDIES ELECTIVES				**10 HRS**
GSC PHY CHE	199 130 106	Earth Science **OR** General Physics **OR** Intro to Chemistry II	4	
		Electives	6	
45 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**26 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	~~3~~ **(4)**	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	240	**RLC – AGRI 1263 (4)**	~~3~~ **(4)**	
AGR	339	**RLC – CSCI 1102 (3)**	3	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	~~4~~ **(5)**	*
AGR	399	Professional Development Seminar I	1	
AGR	599	Ag Senior Capstone	1	

AGRICULTURE CURRICULUM COURSES CONTINUED

AG SYSTEMS TECH. OPTION COURSES				**24 HRS**
AGR	371	Ag Bldg & Construction	3	
AGR	372	Ag Metal Processes	3	
AGR	377	Ag Safety	3	
AGR AGR	477 577	Ag Power Units **OR** Tractor Power Principles	3	
Approved Ag Systems Tech. Electives			9	
AGR	376	**RLC – AGRI 1262 (3)**	3	*
REQUIRED SUPPORT COURSES				**6 HRS**
AGR	471	App. In Precision Ag	3	
AGR	488	Coop Ed/Internship	3	
OR WITH ADVISOR'S APPROVAL (SELECT 2)				
AGR	543	Records Mgt & Reg Issues	3	
AGR	571	Adv. Precision Ag	3	
AGR	489	Coop Ed/Internship	3	
ENT	111	Electric Systems	4	
ITD	101	Intro to Deign & Graphic Communications	4	
ITD	104	CAD App & Design Comm	4	
ITD	304	Computer Graphics & Design	4	
ITD	330	Machine Tool Processes	4	

UNRESTRICTED ELECTIVES 19 HRS

RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), AGRI 2210 (4)

AGR 300 – AGRI 1282 (3) *

AGR 335 – AGRI 2241 (3) *

AGR 336 – AGRI 2242 (5) *

***Fulfills 300 + level courses at MSU.**

****RLC students may complete equivalent required university studies courses at Rend Lake Community College to complete MSU university studies requirements.**

*****RLC students must complete 31 hours of 300 + level courses at MSU.**

REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL BUSINESS TO AGRIBUSINESS CURRICULUM

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC – ENGL 1101 (3) & 1102 (3)**	**~~4~~ (6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**12 HRS**
MAT	140	**RLC – MATH 1108 (3)**	**~~4~~ (3)**	
CHE	105	Intro. to Chemistry I	4	
BIO	101	Biological Concepts	4	
WORLD'S HISTORICAL LITERARY & PHILOSOPHICAL TRADITIONS				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
ECO	230	Principles of Macroeconomics	3	
PSY	180	**RLC – PSYC 2101 (3)**	3	
UNIVERSITY STUDIES ELECTIVES				**9 HRS**
ECO	231	Principles of Microeconomics	3	
POL	250	Intro to International Relations	3	
AGR	199	Contemporary Issues in Ag	3	
43 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**26 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	**~~3~~ (4)**	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	240	**RLC – AGRI 1263 (4)**	**~~3~~ (4)**	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	**~~4~~ (5)**	*
AGR	339	**RLC – CSCI 1102 (3)**	3	
AGR	399	Professional Development Seminar I	1	
AGR	599	Ag Senior Capstone	1	
AGRIBUSINESS OPTION COURSES				**24 HRS**
AGR	328	Stats for Food & Ag	3	
AGR	330	Principles of Agribusiness	3	

AGRICULTURE CURRICULUM COURSES CONTINUED

Dept.	No.	Description	Hrs.	Gr.
AGR	336	**RLC – AGRI 2242 (5)**	**~~3~~ (5)**	*
AGR	337	Ag Sales & Merchandising	3	
AGR	433	Farm Management	3	
AGR	531	Ag Finance	3	
AGR	535	Ag Policy	3	
AGR	376	**RLC – AGRI 1262 (3)**	3	*
REQUIRED SUPPORT COURSES				
SELECT ONE EMPHASIS LISTED BELOW				
CROP PRODUCTION EMPHASIS				**24 HRS**
ACC	200	**RLC - ACCO 1101**	3	
MGT	350	Fund. of Management	3	
MKT	360	Marketing	3	
AGR	455	Soil Management	3	
AGR	546	Pest Management	3	
AGR	547	Crop Management	3	
AGR	549	Weeds & Their Control	3	
AGR	555	Adv. Soil Fertility	3	
ENTREPRENEURSHIP EMPHASIS				**12 HRS**
ACC	200	**RLC – ACCO 1101**	3	
AGR	334	Entrepreneurship in Ag Bus	3	
MGT	350	Fund. of Management	3	
MKT	358	Entrepreneurial Business Plan Development	3	
GLOBAL EMPHASIS				**12 HRS**
ACC	200	**RLC – ACCO 1101**	3	
MKT	360	Marketing	3	
MKT	568	Global Marketing Management	3	
Choose one of the following				
AGR	529	International Trade & Ag	3	
AGR	533	Seminar in International Ag Systems	3	
		Foreign Language Course	3	
MARKETING/MANAGEMENT EMPHASIS				**12 HRS**
ACC	200	**RLC – ACCO 1101**	3	
MGT	350	Fund. of Management	3	
MKT	360	Marketing	3	
APPROVED UPPER LEVEL, 3 HOUR BUSINESS ELECTIVE				
UNRESTRICTED ELECTIVES				**3 to 15 HRS**
RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), AGRI 2210 (4)				
AGR 300 – RLC – AGRI 1282 (3) *				
AGR 335 – RLC – AGRI 2241 (3) *				

***Fulfills 300 + level courses at MSU.**

****RLC students may complete equivalent required university studies courses at Rend Lake Community College to complete MSU university studies requirements.**

*****RLC students must complete 31 hours of 300 + level courses at MSU.**

REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL BUSINESS TO AGRONOMY CURRICULUM

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATIONS				**7 HRS**
ENG	105	**RLC – ENGL 1101 & 1102 (6)**	~~4~~ **(6)**	
COM	161	**RLC – COM 161 (3)**	3	
SCIENTIFIC INQUIRY, METHODOLOGIES				**12 HRS**
BIO	222	Botany	4	
CHE	105	Intro. to Chemistry I	4	
MAT	140	**RLC – MATH 1108 (3)**	~~4~~ **(3)**	
WORLD'S HISTORICAL, LITERARY…				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF-AWARENESS				**6 HRS**
PSY	180	**RLC – PSYC 2101 (3)**	3	
AGR	199	Contemporary Issues in Ag	3	
UNIVERSITY STUDIES APPROVED ELECTIVES				**11 HRS**
CHE	106	Intro to Chemistry II	4	
GSC	199	Earth Science	4	
University Studies Approved Electives			3	
45 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**26 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	~~3~~ **(4)**	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	240	**RLC – AGRI 1263 (4)**	~~3~~ **(4)**	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	~~3~~ **(5)**	*
AGR	339	**RLC – CSCI 1102 (3)**	3	
AGR	399	Professional Development Seminar I	1	
AGR	599	Ag Senior Capstone	1	

AGRICULTURE CURRICULUM COURSES CONTINUED

Dept.	No.	Description	Hrs.	Gr.
AGRONOMY OPTION COURSES				**25 HRS**
AGR	455	Soil Management	3	
AGR	470	Soil & Water Engineering	3	
AGR	471	App. To Precision Ag	3	
AGR	542	Plant Breeding I	3	
AGR	546	Pest Management	3	
AGR	547	Crop Management	3	
AGR	549	Weeds & Their Control	3	
AGR	376	**RLC – AGRI 1262 (3)**	3	*
REQUIRED SUPPORT COURSES				**15 HRS**
SELECT ONE EMPHASIS LISTED BELOW				
PRACTICUM EMPHASIS				**15 HRS**
AGR	498	Agronomy Practicum	12	
Select One of the Following Courses				
AGR	330	Principles of Agribusiness		
AGR	433	Farm Management		
AGR	543	Records Mgt & Reg Issues		
AGR	571	Advanced Precision Ag	3	
SALES/PRODUCTION EMPHASIS				**15 HRS**
AGR AGR	330 433	Principles of Ag Bus **OR** Farm Management	3	
AGR	333	Agribusiness Records & Analysis	3	
AGR	336	**RLC – AGRI 2242 (5)**	~~3~~ **(5)**	*
AGR	543	Records Mgt & Reg Issues	3	
Agronomy Advisor Approved Elective:			3	
RESEARCH EMPHASIS				**15 HRS**
AGR	328	Stats for Food & Ag	3	
AGR	571	Advanced Precision Ag	3	
BIO	300	Intro to Microbiology	4	
Agronomy Advisor Approved Research Electives:			5	

UNRESTRICTED ELECTIVES **9 HRS**

RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), ACCO 1101 (3), AGRI 2210 (4)

AGR 300 – RLC – AGRI 1282 (3) *

AGR 335 – RLC – AGRI 2241 (3) *

***Fulfills 300 + level courses at MSU.**

****RLC students may complete equivalent required university studies courses at Rend Lake Community College to complete MSU university studies requirements.**

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REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL BUSINESS TO ANIMAL/EQUINE SCIENCE CURRICULUM
FOOD ANIMAL EMPHASIS

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC – ENGL 1101 & 1102 (6)**	**~~4~~ (6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**12-13 HRS**
BIO BIO	101 221	Biological Concepts **OR** Zoology	4	
CHE CHE CHE	101 105 201	Consumer Chemistry **OR** Intro to Chemistry I **OR** General College Chemistry	4/5	
MAT	140	**RLC – MATH 1108 (3)**	**~~4~~ (3)**	
WORLD HISTORICAL LIT. AND PHILOSOPHY				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & AG	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
AGR	199	Contemporary Issues in Ag	3	
PSY	180	**RLC – PSYC 2101 (3)**	3	
UNIVERSITY STUDIES ELECTIVES				**10-11 HRS**
CHE CHE GSC GSC GSC	106 202 101 102 199	Intro. to Chemistry II **OR** General Chem & Qual **OR** Earth & Environment **OR** Earth Through Time **OR** Earth Science	4/5	
		ELECTIVE	6	

UNRESTRICTED ELECTIVES **14-17 HRS**

RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), ACCO 1101 (3), AGRI 2223 (3), AGRI 2225 (3), AGRI 2210 (4)

AGR 376 – AGRI 1262 (3) *

AGR 335 – AGRI 2241 (3) *

AGR 336 – AGRI 2242 (5) *

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**24-25 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	**~~3~~ (4)**	
AGR	300	**RLC – AGRI 1282 (3)**	3	*
AGR	310	App in Animal Technology	3	
AGR	339	**RLC – CSCI 1102 (3)**	3	
AGR	399	Professional Development Seminar I	1	
AGR	501	Diseases of Livestock	3	
AGR	599	Ag Senior Capstone	1	
AGR AGR AGR AGR	170 377 373 374	Intro. to Ag Sys Tech **OR** Ag Safety **OR** Animal in Disaster **AND** Livestock in Disaster	3-4	
AGR AGR AGR	403 506 523	Equine Reproduction **OR** Repro Physiology **OR** AI Techniques for Cattle	3	
FOOD ANIMAL EMPHASIS COURSES				**23 HRS**
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	**~~4~~ (5)**	*
Select Two of the Following Courses				
AGR AGR AGR AGR	311 321 314 326	Beef Science Poultry Science Small Ruminant Science Swine Science	6	
Select One of the Following Courses				
AGR AGR AGR AGR	301 313 320 402	Livestock Judging Livestock Prod Mgt Sys Livestock Behavioral Analy Adv Livestock Judging	3	
Select One of the Following Courses				
AGR AGR AGR	502 503 512	Adv. Nutrition Animal Breeding Beef Cattle Mgt Sys	3	
Must take the Following Course				
AGR	240	**RLC – AGRI 1263 (4)**	**~~3~~ (4)**	

***Fulfills 300 + level courses at MSU.**

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REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL BUSINESS TO ANIMAL/EQUINE SCIENCE CURRICULUM
EQUINE SCIENCE AND EQUINE MANAGEMENT

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC – ENGL 1101 & 1102 (6)**	**~~4~~ (6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**12-13 HRS**
BIO BIO	101 221	Biological Concepts **OR** Zoology	4	
CHE CHE CHE	101 105 201	Consumer Chemistry **OR** Intro to Chemistry I **OR** General College Chemistry	4/5	
MAT	140	**RLC – MATH 1108 (3)**	**~~4~~ (3)**	
WORLD HISTORICAL LIT. AND PHILOSOPHY				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
AGR	199	Contemporary Issues in Ag	3	
PSY	180	**RLC – PSYC 2101 (3)**	3	
UNIVERSITY STUDIES ELECTIVES				**10-11 HRS**
CHE CHE GSC GSC GSC	106 202 101 102 199	Intro. to Chemistry II **OR** General Chem & Qual **OR** Earth & Environment **OR** Earth Through Time **OR** Earth Science	4/5	
		ELECTIVE	6	

UNRESTRICTED ELECTIVES **11-23 HRS**

RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), AGRI 2210 (4), ACCO 1101 (3)

AGR 345 & 346 – AGRI 1161 (5) *

AGR 376 – AGRI 1262 (3) *

AGR 335 – AGRI 2241 (3) *

AGR 336 – AGRI 2242 (5) *

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**24-25 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	**~~3~~ (4)**	
AGR	300	**RLC – AGRI 1282 (3)**	3	*
AGR	310	App in Animal Technology	3	
AGR	339	**RLC – CSCI 1102 (3)**	3	
AGR	399	Professional Development Seminar I	1	
AGR	501	Diseases of Livestock	3	
AGR	599	Ag Senior Capstone	1	
AGR AGR AGR AGR	170 377 373 374	Intro. to Ag Sys Tech **OR** Ag Safety **OR** Animal in Disaster **AND** Livestock in Disaster	3-4	
AGR AGR AGR	403 506 523	Equine Reproduction **OR** Repro Physiology **OR** AI Techniques for Cattle	3	
SELECT ONE EMPHASIS LISTED BELOW				
EQUINE MANAGEMENT EMPHASIS COURSES				**23 HRS**
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May Take AGRI 1222 (3)**	2	
AGR	201	Intermediate Horsemanship	3	
AGR	302	Horse Science	3	
AGR AGR	304 306	Adv Stock Seat **OR** Adv Forward Seat	3	
AGR	308	Equine Practicum	3	
AGR AGR	309 315	Eq Facilities Mgt **OR** Alternative Eq Care	3	
AGR AGR AGR	405 407 318	Breaking & Training **OR** Eq Selection & Eval **OR** Eq Forage Mangement	3	
Required Support Courses				**12 HRS**
AGR	330	Principles of Ag Bus	3	
AGR	333	Ag Bus Records & Analy	3	
AGR	433	Farm Mangement	3	
MGT	350	Fund. of Management	3	
EQUINE SCIENCE EMPHASIS COURSES				**24 HRS**
AGR AGR	101 308	Basic Horsemanship **OR** Equine Practicum	3	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	240	**RLC – AGRI 1263 (4)**	**~~3~~ (4)**	
AGR	302	Horse Science	3	
AGR	303	Adv Horse Science	3	
AGR AGR	309 315	Eq Facilities Mgt **OR** Alternative Eq Care	3	
AGR	318	Eq Forage Management	3	
AGR	345	Soil Science	3	
Required Support Courses				**5 HRS**
AGR	133	**RLC – May Take AGRI 1222 (3)**	2	
AGR	328	Stats for Food & Ag	3	

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REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL PRODUCTION & MANAGEMENT TO AGRIBUSINESS CURRICULUM

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC – ENGL 1101 (3) & 1102 (3)**	**~~4~~ (6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**12 HRS**
MAT	140	**RLC – MATH 1108 (3)**	**~~4~~ (3)**	
CHE	105	Intro. to Chemistry I	4	
BIO	101	Biological Concepts	4	
WORLD'S HISTORICAL LITERARY & PHILOSOPHICAL TRADITIONS				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
ECO	230	Principles of Macroeconomics	3	
PSY	180	**RLC – PSYC 2101 (3)**	3	
UNIVERSITY STUDIES ELECTIVES				**9 HRS**
ECO	231	Principles of Microeconomics	3	
POL	250	Intro to International Relations	3	
AGR	199	Contemporary Issues in Ag	3	
43 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**26 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	**~~3~~ (4)**	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	240	**RLC – AGRI 1263 (4)**	**~~3~~ (4)**	
AGR	170	**RLC – AGRI 1205 (5)**	**~~3~~ (5)**	
AGR	199	Contemporary Issues in Ag	3	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	**~~4~~ (5)**	*
AGR	339	Computer Apps for Ag	3	
AGR	399	Professional Development Seminar I	1	
AGR	599	Ag Senior Capstone	1	
AGRIBUSINESS OPTION COURSES				**24 HRS**
AGR	328	Stats for Food & Ag	3	
AGR	330	Principles of Agribusiness	3	

AGRICULTURE CURRICULUM COURSES CONTINUED

Dept.	No.	Description	Hrs.	Gr.
AGR	336	**RLC – AGRI 2242 (5)**	**~~3~~ (5)**	*
AGR	337	Ag Sales & Merchandising	3	
AGR	433	Farm Management	3	
AGR	531	Ag Finance	3	
AGR	535	Ag Policy	3	
AGR	376	**RLC – AGRI 1262 (3)**	3	*
REQUIRED SUPPORT COURSES				
SELECT ONE EMPHASIS LISTED BELOW				
CROP PRODUCTION EMPHASIS				**24 HRS**
ACC	200	Accounting I	3	
MGT	350	Fund. of Management	3	
MKT	360	Marketing	3	
AGR	455	Soil Management	3	
AGR	546	Pest Management	3	
AGR	547	Crop Management	3	
AGR	549	Weeds & Their Control	3	
AGR	555	Adv. Soil Fertility	3	
ENTREPRENEURSHIP EMPHASIS				**12 HRS**
ACC	200	Accounting I	3	
AGR	334	Entrepreneurship in Ag Bus	3	
MGT	350	Fund. of Management	3	
MKT	358	Entrepreneurial Business Plan Development	3	
GLOBAL EMPHASIS				**12 HRS**
ACC	200	Accounting I	3	
MKT	360	Marketing	3	
MKT	568	Global Marketing Management	3	
Choose one of the following				
AGR	529	International Trade & Ag	3	
AGR	533	Seminar in International Ag Systems	3	
		Foreign Language Course	3	
MARKETING/MANAGEMENT EMPHASIS				**12 HRS**
ACC	200	Accounting I	3	
MGT	350	Fund. of Management	3	
MKT	360	Marketing	3	
APPROVED UPPER LEVEL, 3 HOUR BUSINESS ELECTIVE				
UNRESTRICTED ELECTIVES				**3 to 15 HRS**
RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), AGRI 1208 (6), AGRI 1203 (5), DIEL 1202 (2), WELD 1270 (4)				
AGR 300 – RLC – AGRI 1282 (3) *				
AGR 335 – RLC – AGRI 2241 (3) *				

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REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL PRODUCTION & MANAGEMENT TO AGRICULTURAL EDUCATION CURRICULUM

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC - ENGL 1101 & 1102 (6)**	**~~4~~ (6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**12 HRS**
BIO	101	Biological Concepts	4	
CHE	105	Intro. to Chemistry I	4	
MAT	140	**RLC – MATH 1108 (3)**	**~~4~~ (3)**	
WORLD'S HISTORICAL , LITERARY & PHILOSOPHICAL TRADITIONS				**6 HRS**
HUM	211	Western Humanities Tradition	3	
CIV	201	World Civilization	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
PSY	180	**RLC – PSYC 2101 (3)**	3	
EDP	260	Psychology of Human Development	3	
UNIVERSITY STUDIES ELECTIVES				**10 HRS**
AGR	199	Contemporary Issues in Ag	3	
SELECT ONE OF THE FOLLOWING COURSES:				
CHE	106	Intro. to Chemistry II	4	
GSC	199	Earth Science	4	
BIO	221	Zoology: Animal Form & Functions	4	
BIO	222	Botany: Plant Form & Functions	4	
43-44 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**26 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	**~~3~~ (4)**	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	240	**RLC – AGRI 1263 (4)**	**~~3~~ (4)**	
AGR	170	**RLC – AGRI 1205 (5)**	**~~3~~ (5)**	
AGR	199	Contemporary Issues in Ag	3	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	**~~3~~ (5)**	*
AGR	339	Computer Apps for Ag	3	
AGR	399	Professional Development Seminar I	1	
AGR	599	Ag Senior Capstone	1	

AGRICULTURE CURRICULUM COURSES CONTINUED

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURAL EDUCATION OPTION				**24 HRS**
AED	380	Intro. to Ag Ed, Extension & Leadership	3	
AED	583	Practicum in Ag Ed, Extension & Public Service Leadership	3	
AGR	360	Greenhouse Management	3	
AGR	337	Ag Sales & Merchandising	3	
		OR		
AGR	433	Farm Management	3	
SELECT ONE OF THE FOLLOWING COURSES:				
AGR	461	Plant Propagation	3	
AGR	471	Applications for Precision Agriculture	3	
AGR	573	Ag Processing Systems	3	
AGR	325	Small Animal Science	3	
AGR	321	Poultry Science	3	
AGR	303	Advanced Horse Science	3	
AGR	555	Advanced Soil Fertility	3	
SELECT ONE OF THE FOLLOWING COURSES:				
AGR	362	Floral Design	3	
AGR	364	Nursery Management	3	
AGR	367	Residential Landscape Design	3	
AGR	368	Landscape Construction	3	
MUST TAKE THE FOLLOWING COURSES:				
AGR	300	**RLC – AGRI 1282 (3)**	3	*
SELECT ONE OF THE FOLLOWING COURSES:				
AGR	371	Ag Buildings & Construction	3	
AGR	372	Ag Metal Processes	3	
AGR	570	Ag Systems Tech Lab Mgt	3	
PROFESSIONAL EDUCATION COURSES				**31 HRS**
AED	580	Methods to Teaching Ag Ed	3	
CTE	501	Teaching Through App	3	
CTE	502	Instructional Media, Curricula & Assessment in CTE	3	
CTE	503	Planning & Implementing Instruction in CTR	3	
HEA	195	**RLC – HEA 1102 (2)**	2	
SED	300	Education Students with Disabilities	3	
SEC	421	Student Teaching in Secondary School	14	

ELECTIVES

RLC – ACCO 1101 (3), AGRI 1285 (3), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), AGRI 1208 (6), AGRI 1203 (5), DIEL 1202 (2), WELD 1270 (4), AGR 335 – AGRI 2241 (3) *, AGR 336 – AGRI 2242 (5) *, AGR 376 – AGRI 1262 (3) *

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*****Note: Certification requires a grade of B or better in one English composition course and a C or better in a University Studies math course, public speaking, and EDU 103 or equivalent course. Additional requirements for admission to teacher education and student teaching must be met. See advisor and/or Office of Teacher Education for details.**

REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL PRODUCTION & MANAGEMENT
TO AGRICULTURAL SYSTEMS TECHNOLOGY CURRICULUM

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC – ENGL 1101 & 1102 (6)**	~~4~~ **(6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**13 HRS**
MAT	140	**RLC – MATH 1108 (3)**	~~4~~ **(3)**	
CHE	105	Intro. to Chemistry I	4	
BIO	101	Biological Concepts	4	
WORLD HISTORICAL LIT. AND PHILOSOPHY				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
AGR	199	Contemporary Issues in Ag	3	
PSY	180	**RLC – PSYC 2101 (3)**	3	
UNIVERSITY STUDIES ELECTIVES				**10 HRS**
GSC PHY CHE	199 130 106	Earth Science **OR** General Physics **OR** Intro to Chemistry II	4	
		Electives	6	
45 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**26 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	~~3~~ **(4)**	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	170	**RLC – AGRI 1205 (5)**	3 **(5)**	
AGR	199	Contemporary Issues in Ag	3	
AGR	240	**RLC – AGRI 1263 (4)**	~~3~~ **(4)**	
AGR	339	Computer Apps for Ag	3	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	~~4~~ **(5)**	*
AGR	399	Professional Development Seminar I	1	
AGR	599	Ag Senior Capstone	1	

AGRICULTURE CURRICULUM COURSES CONTINUED

AG SYSTEMS TECH. OPTION COURSES				**24 HRS**
AGR	371	Ag Bldg & Construction	3	
AGR	372	Ag Metal Processes	3	
AGR	377	Ag Safety	3	
AGR AGR	477 577	Ag Power Units **OR** Tractor Power Principles	3	
Approved Ag Systems Tech. Electives			9	
AGR	376	**RLC – AGRI 1262 (3)**	3	*
REQUIRED SUPPORT COURSES				**6 HRS**
AGR	471	App. In Precision Ag	3	
AGR	488	Coop Ed/Internship	3	
OR WITH ADVISOR'S APPROVAL (SELECT 2)				
AGR	543	Records Mgt & Reg Issues	3	
AGR	571	Adv. Precision Ag	3	
AGR	489	Coop Ed/Internship	3	
ENT	111	Electric Systems	4	
ITD	101	Intro to Deign & Graphic Communications	4	
ITD	104	CAD App & Design Comm	4	
ITD	304	Computer Graphics & Design	4	
ITD	330	Machine Tool Processes	4	

UNRESTRICTED ELECTIVES 19 HRS

RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), AGRI 1208 (6), AGRI 1203 (5), WELD 1270 (4), DIEL 1202 (2)

AGR 300 – AGRI 1282 (3) *

AGR 335 – AGRI 2241 (3) *

AGR 336 – AGRI 2242 (5) *

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REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL PRODUCTION & MANAGEMENT TO AGRONOMY CURRICULUM

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATIONS				**7 HRS**
ENG	105	**RLC – ENGL 1101 & 1102 (6)**	~~4~~ **(6)**	
COM	161	**RLC – COM 161 (3)**	3	
SCIENTIFIC INQUIRY, METHODOLOGIES				**12 HRS**
BIO	222	Botany	4	
CHE	105	Intro. to Chemistry I	4	
MAT	140	**RLC – MATH 1108 (3)**	~~4~~ **(3)**	
WORLD'S HISTORICAL, LITERARY…				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF-AWARENESS				**6 HRS**
PSY	180	**RLC – PSYC 2101 (3)**	3	
AGR	199	Contemporary Issues in Ag	3	
UNIVERSITY STUDIES APPROVED ELECTIVES				**11 HRS**
CHE	106	Intro to Chemistry II	4	
GSC	199	Earth Science	4	
University Studies Approved Electives			3	
45 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**26 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	~~3~~ **(4)**	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	240	**RLC – AGRI 1263 (4)**	~~3~~ **(4)**	
AGR	170	**RLC – AGRI 1205 (5)**	~~3~~ **(5)**	
AGR	199	Contemporary Issues in Ag	3	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	~~3~~ **(5)**	*
AGR	339	Computer Apps for Ag	3	
AGR	399	Professional Development Seminar I	1	
AGR	599	Ag Senior Capstone	1	

AGRICULTURE CURRICULUM COURSES CONTINUED

Dept.	No.	Description	Hrs.	Gr.
AGRONOMY OPTION COURSES				**25 HRS**
AGR	455	Soil Management	3	
AGR	470	Soil & Water Engineering	3	
AGR	471	App. To Precision Ag	3	
AGR	542	Plant Breeding I	3	
AGR	546	Pest Management	3	
AGR	547	Crop Management	3	
AGR	549	Weeds & Their Control	3	
AGR	376	**RLC – AGRI 1262 (3)**	3	*
REQUIRED SUPPORT COURSES				**15 HRS**
SELECT ONE EMPHASIS LISTED BELOW				
PRACTICUM EMPHASIS				**15 HRS**
AGR	498	Agronomy Practicum	12	
Select One of the Following Courses				
AGR	330	Principles of Agribusiness		
AGR	433	Farm Management		
AGR	543	Records Mgt & Reg Issues		
AGR	571	Advanced Precision Ag	3	
SALES/PRODUCTION EMPHASIS				**15 HRS**
AGR AGR	330 433	Principles of Ag Bus **OR** Farm Management	3	
AGR	333	Agribusiness Records & Analysis	3	
AGR	336	**RLC – AGRI 2242 (5)**	~~3~~ **(5)**	*
AGR	543	Records Mgt & Reg Issues	3	
Agronomy Advisor Approved Elective:			3	
RESEARCH EMPHASIS				**15 HRS**
AGR	328	Stats for Food & Ag	3	
AGR	571	Advanced Precision Ag	3	
BIO	300	Intro to Microbiology	4	
Agronomy Advisor Approved Research Electives:			5	

UNRESTRICTED ELECTIVES **9 HRS**

RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), AGRI 1208 (6), AGRI 1203 (5), DIEL 1202 (2), WELD 1270 (4)

AGR 300 – RLC – AGRI 1282 (3) *

AGR 335 – RLC – AGRI 2241 (3) *

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REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL PRODUCTION & MANAGEMENT TO
ANIMAL/EQUINE SCIENCE CURRICULUM – FOOD ANIMAL EMPHASIS

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC – ENGL 1101 & 1102 (6)**	**~~4~~ (6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**12-13 HRS**
BIO BIO	101 221	Biological Concepts **OR** Zoology	4	
CHE CHE CHE	101 105 201	Consumer Chemistry **OR** Intro to Chemistry I **OR** General College Chemistry	4/5	
MAT	140	**RLC – MATH 1108 (3)**	**~~4~~ (3)**	
WORLD HISTORICAL LIT. AND PHILOSOPHY				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & AG	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
AGR	199	Contemporary Issues in Ag	3	
PSY	180	**RLC – PSYC 2101 (3)**	3	
UNIVERSITY STUDIES ELECTIVES				**10-11 HRS**
CHE CHE GSC GSC GSC	106 202 101 102 199	Intro. to Chemistry II **OR** General Chem & Qual **OR** Earth & Environment **OR** Earth Through Time **OR** Earth Science	4/5	
		ELECTIVE	6	

UNRESTRICTED ELECTIVES **14-17 HRS**

RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), AGRI 1208 (6), AGRI 2223 (3), AGRI 2225 (3), DIEL 1202 (2), WELD 1270 (4), AGRI 1203 (5)

AGR 376 – AGRI 1262 (3) *

AGR 335 – AGRI 2241 (3) *

AGR 336 – AGRI 2242 (5) *

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**24-25 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	**~~3~~ (4)**	
AGR	300	**RLC – AGRI 1282 (3)**	3	*
AGR	310	App in Animal Technology	3	
AGR	339	Computer Apps for Ag	3	
AGR	399	Professional Development Seminar I	1	
AGR	501	Diseases of Livestock	3	
AGR	599	Ag Senior Capstone	1	
AGR	170	**RLC – AGRI 1205 (5)**	**~~3~~ (5)**	
AGR AGR AGR	403 506 523	Equine Reproduction **OR** Repro Physiology **OR** AI Techniques for Cattle	3	
FOOD ANIMAL EMPHASIS COURSES				**23 HRS**
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May take AGRI 1222 (3)**	2	
AGR	345 & 346	**RLC – AGRI 1161 (5)**	**~~4~~ (5)**	*
Select Two of the Following Courses				
AGR AGR AGR AGR	311 321 314 326	Beef Science Poultry Science Small Ruminant Science Swine Science	6	
Select One of the Following Courses				
AGR AGR AGR AGR	301 313 320 402	Livestock Judging Livestock Prod Mgt Sys Livestock Behavioral Analy Adv Livestock Judging	3	
Select One of the Following Courses				
AGR AGR AGR	502 503 512	Adv. Nutrition Animal Breeding Beef Cattle Mgt Sys	3	
Must take the Following Course				
AGR	240	**RLC – AGRI 1263 (4)**	**~~3~~ (4)**	

***Fulfills 300 + level courses at MSU.**

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REND LAKE COLLEGE/MURRAY STATE UNIVERSITY SCHOOL OF AGRICULTURE
AGRICULTURAL PRODUCTION & MANAGEMENT TO
ANIMAL/EQUINE SCIENCE CURRICULUM – EQUINE SCIENCE & EQUINE MANAGEMENT

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	**RLC – ENGL 1101 & 1102 (6)**	**~~4~~ (6)**	
COM	161	**RLC – COMM 1101 (3)**	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**12-13 HRS**
BIO BIO	101 221	Biological Concepts **OR** Zoology	4	
CHE CHE CHE	101 105 201	Consumer Chemistry **OR** Intro to Chemistry I **OR** General College Chemistry	4/5	
MAT	140	**RLC – MATH 1108 (3)**	**~~4~~ (3)**	
WORLD HISTORICAL LIT. AND PHILOSOPHY				**6 HRS**
CIV	201	World Civilization	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
AGR	353	World, Food & Ag	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
AGR	199	Contemporary Issues in Ag	3	
PSY	180	**RLC – PSYC 2101 (3)**	3	
UNIVERSITY STUDIES ELECTIVES				**10-11 HRS**
CHE CHE GSC GSC GSC	106 202 101 102 199	Intro. to Chemistry II **OR** General Chem & Qual **OR** Earth & Environment **OR** Earth Through Time **OR** Earth Science	4/5	
		ELECTIVE	6	

UNRESTRICTED ELECTIVES **11-23 HRS**

RLC – AGRI 1285 (3), HEA 1101 (2), AGRI 1210 (4), AGRI 2223 (3), AGRI 2225 (3), AGRI 1208 (6), DIEL 1202 (2), WELD 1270 (4), AGRI 1203 (5)

AGR 345 & 346 – AGRI 1161 (5) *

AGR 376 – AGRI 1262 (3) *

AGR 335 – AGRI 2241 (3) *

AGR 336 – AGRI 2242 (5) *

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**24-25 HRS**
AGR	099	**RLC – AGRI 1221 (1)**	1	
AGR	100	**RLC – AGRI 1181 (4)**	**~~3~~ (4)**	
AGR	300	**RLC – AGRI 1282 (3)**	3	*
AGR	310	App in Animal Technology	3	
AGR	339	Computer Apps for Ag	3	
AGR	399	Professional Development Seminar I	1	
AGR	501	Diseases of Livestock	3	
AGR	599	Ag Senior Capstone	1	
AGR	170	**RLC – AGRI 1205 (5)**	**~~3~~ (5)**	
AGR AGR AGR	403 506 523	Equine Reproduction **OR** Repro Physiology **OR** AI Techniques for Cattle	3	
SELECT ONE EMPHASIS LISTED BELOW				
EQUINE MANAGEMENT EMPHASIS COURSES				**23 HRS**
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	133	**RLC – May Take AGRI 1222 (3)**	2	
AGR	201	Intermediate Horsemanship	3	
AGR	302	Horse Science	3	
AGR AGR	304 306	Adv Stock Seat **OR** Adv Forward Seat	3	
AGR	308	Equine Practicum	3	
AGR AGR	309 315	Eq Facilities Mgt **OR** Alternative Eq Care	3	
AGR AGR AGR	405 407 318	Breaking & Training **OR** Eq Selection & Eval **OR** Eq Forage Mangement	3	
Required Support Courses				**12 HRS**
AGR	330	Principles of Ag Bus	3	
AGR	333	Ag Bus Records & Analy	3	
AGR	433	Farm Mangement	3	
MGT	350	Fund. of Management	3	
EQUINE SCIENCE EMPHASIS COURSES				**24 HRS**
AGR AGR	101 308	Basic Horsemanship **OR** Equine Practicum	3	
AGR	130	**RLC – AGRI 1141 (3)**	3	
AGR	240	**RLC – AGRI 1263 (4)**	**~~3~~ (4)**	
AGR	302	Horse Science	3	
AGR	303	Adv Horse Science	3	
AGR AGR	309 315	Eq Facilities Mgt **OR** Alternative Eq Care	3	
AGR	318	Eq Forage Management	3	
AGR	345	Soil Science	3	
Required Support Courses				**5 HRS**
AGR	133	**RLC – May Take AGRI 1222 (3)**	2	
AGR	328	Stats for Food & Ag	3	

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