



MURRAY
STATE UNIVERSITY

Hutson School of Agriculture

Agricultural Articulation
Agreement

with
Three Rivers College

2014

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: 1-855-668-8886

Phone: 270-809-3350

Fax: (270) 809-3411

Email: msu.transfercenter@murraystate.edu

Website: <http://www.murraystate.edu/Admissions/TransferCenterNewTransfer.aspx>

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

Murray State University

Hutson School of Agriculture

103 S. Oakley Applied Science Building

Murray, KY 42071-3345

Phone: (270) 809-3328

Fax: (270) 809-5454

Email: msu.ag@murraystate.edu

Website: www.murraystate.edu/agr



Hutson School of Agriculture
MURRAY STATE UNIVERSITY

Office of the Dean
103 South Oakley Science Bldg.
Murray, KY 42071-3345
270.809.3328
270.809.5454 fax

www.murraystate.edu/ag

July 15, 2014

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 in Agriculture. It is our hope that these agreements will assist students in determining what courses will be required for graduation.

Hutson 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 Hutson School of Agriculture at (270) 809-3328 or at msu.ag@murraystate.edu.

Come Join Us,

Dr. Tony Brannon, Dean
MSU Hutson School of Agriculture

AGRICULTURAL ARTICULATION AGREEMENT

**MURRAY STATE UNIVERSITY
AND
THREE RIVERS COLLEGE**

Whereas, Murray State University and the Hutson School of Agriculture wish to cooperate fully with Three Rivers College, and

Whereas, the Three Rivers College Agriculture program provides quality higher education training to a growing number of agricultural students, and

Whereas, agriculture students enrolled at Three Rivers College may wish to pursue a Bachelor of Science in Agriculture degree after completion of the program at Three Rivers 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

Be it therefore resolved that Murray State University and Three Rivers 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, Hutson School of Agriculture

Three Rivers College



President

**MURRAY STATE UNIVERSITY HUTSON SCHOOL OF AGRICULTURE/
THREE RIVERS COLLEGE
AA IN AGRICULTURE TO AGRICULTURAL EDUCATION**

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				7 HRS
ENG	105	TRC – ENG111 (3) & ENG 112 (3) ¹	4 6	
COM	161	TRC – SCOM 110 (3) ¹	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				12 HRS
MAT	140	TRC – MATH 163 (3) ¹	4 3	
CHE	105	TRC – CHEM 111 (5)	4 5	
BIO	101	TRC – BIOL 101 (5)	4 5	
WORLD'S HISTORICAL LITERARY & PHILOSOPHICAL TRADITIONS				6 HRS
CIV	201	TRC – HIST 111 or HIST 112 (3)	3	
HUM	211	TRC – HFA Elective (3)	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				3 HRS
AGR	353	TRC – VALU 190 (3)	3	
SOCIAL AND SELF AWARENESS				6 HRS
EDP	260	Psychology of Human Development	3	
POL	140	TRC- GOVT 121 National & State Govt.	3	
UNIVERSITY STUDIES ELECTIVES				6 HRS
Select One of the Following Courses:				
BIO	221	Zoology	4	
BIO	222	Botany		
CHE	106	Introductory Chemistry II		
GSC	199	Earth Science		
ELECTIVE		TRC- HFA Elective	3	
40 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES*				26 HRS
AGR	100T	Transitions	1	
AGR	100	TRC – AGRI 130 (3)	3	
AGR	130	TRC – AGRI 240 (3)	3	
AGR	133	Field Applications for Ag	2	
AGR	160	TRC – AGRI 120 (4)	2 4	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	339	Computer Applications for Ag	3	
AGR	345	TRC – AGRI 110	3	

AGRICULTURE CURRICULUM COURSES CONTINUED

Dept.	No.	Description	Hrs.	Gr.
AGR	399	TRC – AGRI 194	1	
AGR	599	Ag Senior Capstone	1	
AGRICULTURAL EDUCATION OPTION				24 HRS
AED	104	Ag Ed, Leadership and Life Knowledge ¹	3	
AGR	337	Ag Sales & Merchandising	3	
AGR	433	Farm Management	3	
AGR	360	Greenhouse Management	3	
AGR	372	Agricultural Metal Processes	3	
AGR	570	Agricultural Systems Tech Lab Management	3	
SELECT ONE OF THE FOLLOWING COURSES:				
AGR	303	Advanced Horse Science	3	
AGR	321	Poultry Science	3	
AGR	325	Small Animal Science	3	
AGR	461	Plant Propagation	3	
AGR	471	App for Precision Ag	3	
AGR	555	Advanced Soil Fertility	3	
AGR	573	Ag Processing Systems	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	
SELECT ONE OF THE FOLLOWING COURSES:				
AGR	300	Animal Nutrition	3	
AGR	301	Livestock Judging	3	
AGR	302	Horse Science	3	
AGR	311	Beef Science	3	
AGR	326	Swine Science	3	
PROFESSIONAL EDUCATION COURSES				31 HRS
AED	380	Ag Ed, Extension, and Leadership ¹	3	
AED	501	Methods of Teaching Ag Education ^{1,3,4}	6	
CTE	502	Assessment and Curricula in CTE	3	
HEA	195	First Aid & Safety	2	
SEC	421	Student Teaching in Secondary School	14	
SED	300	Education Students with Disabilities	3	
¹ With a grade of B or better				
² AGR 199 will fulfill both the agriculture core & university studies				
³ Admission to Teacher Education required				
⁴ Must be repeated for a total of 6 hours				
*Additional requirements for admission to teacher education and student teaching must be met.				
ELECTIVES FROM TRC				
AGRI 232 (3), AGRI Electives (6), HFA Elective (3), IPER 110 (2), CPST 290 (1)				

*Students must complete at least 42 hours of upper-level courses at Murray State University.

**MURRAY STATE UNIVERSITY HUTSON SCHOOL OF AGRICULTURE/
THREE RIVERS COLLEGE
AA IN AGRICULTURE TO AGRICULTURAL SYSTEMS TECHNOLOGY CURRICULUM**

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES				
Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION			7 HRS	
ENG	105	TRC – ENG111 (3) & ENG 112 (3)	4 6	
COM	161	TRC – SCOM 110 (3)	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS			12/13 HRS	
MAT	140	TRC – MATH 163 (3)	4 3	
CHE	105	TRC – CHEM 111 (5)	4 5	
BIO	101	TRC – BIOL 101 (5)	4 5	
WORLD HISTORICAL LIT. AND PHILOSOPHY			6 HRS	
CIV	201	TRC – HIST 111 or HIST 112 (3)	3	
HUM	211	TRC – HFA Elective (3)	3	
GLOBAL AWARENESS AND CULT. DIVERSITY			3 HRS	
AGR	353	TRC – VALU 190 (3)	3	
SOCIAL AND SELF AWARENESS			6 HRS	
		TRC – Social Science Elective (3)	3	
POL	140	TRC – GOVT 121 (3)	3	
UNIVERSITY STUDIES ELECTIVES			6 HRS	
		TRC – HFA Elective	3	
		TRC – HFA Elective	3	
41 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES				
Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES*			26 HRS	
AGR	100T	Transitions	1	
AGR	100	TRC – AGRI 130 (3)	3	
AGR	130	TRC – AGRI 240 (3)	3	
AGR	133	Field Applications for Ag	2	
AGR	160	TRC – AGRI 120 (4)	3 4	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	339	Computer Applications for Ag	3	
AGR	345	TRC – AGRI 110	3	
AGR	399	TRC – AGRI 194 (1)	1	
AGR	599	Ag Senior Capstone	1	
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	477	Ag Power Units	OR	
AGR	577	Tractor Power Principles	3	
Approved Ag Systems Tech. Electives**			9	
AGR Electives			3	
REQUIRED SUPPORT COURSES			6 HRS	
AGR	471	App in Precision Ag	3	
AGR	488	Coop Ed/Internship	3	
OR SELECT TWO WITH ADVISOR'S APPROVAL				
AGR	543	Records Mgt & Reg Issues	3	
AGR	571	Adv. Precision Ag	3	
AGR	489	Coop Ed/Internship	3	
ITD	102	CAD Applications	3	
ITD	104	CAD App & Design Comm	4	
ITD	330	Machine Tool Processes	4	
TSM	110	Electrical Systems I	4	
UNRESTRICTED ELECTIVES			23 HRS	
TRC – AGRI 232 (3), AGRI Elective (6), HPER 110 (2), CPST 290 (1)				

*Students must complete at least 42 hours of upper-level courses at Murray State University.

****Approved Ag Systems Technology Electives**

- AGR 379 Field Equipment Technology Management
- AGR 470 Soil and Water Engineering
- AGR 471 Applications in Precision Agriculture
- AGR 488 Cooperative Education/Internship
- AGR 489 Cooperative Education/Internship
- AGR 551 Selected Studies in Agriculture
- AGR 570 Ag Systems Technology Lab Management
- AGR 571 Advanced Precision Agriculture
- AGR 572 Advanced Metal Work
- AGR 573 Agriculture Processing Systems
- AGR 574 Agriculture Irrigation and Water
- AGR 575 Combine and Grain Handling Systems
- AGR 576 Agriculture Electrification Systems
- AGR 578 Research and Development of Agriculture Tractors and Equipment

**MURRAY STATE UNIVERSITY HUTSON SCHOOL OF AGRICULTURE/
THREE RIVERS COLLEGE
AA IN AGRICULTURE TO AGRISCIENCE TECHNOLOGY CURRICULUM**

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION			7 HRS	
ENG	105	TRC – ENG111 (3) & ENG 112 (3)	4 6	
COM	161	TRC – SCOM 110 (3)	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS			12 HRS	
MAT	140	TRC – MATH 163 (3)	4 3	
CHE	105	TRC – CHEM 111 (5)	4 5	
BIO	101	TRC – BIOL 101 (5)	4 5	
WORLD HISTORICAL LIT. AND PHILOSOPHY			6 HRS	
CIV	201	TRC – HIST 111 or HIST 112 (3)	3	
HUM	211	TRC – HFA Elective (3)	3	
GLOBAL AWARENESS AND CULT. DIVERSITY			3 HRS	
AGR	353	TRC – VALU 190 (3)	3	
SOCIAL AND SELF AWARENESS			6 HRS	
		TRC – Social & Behavioral Science Elective	3	
POL	140	TRC – GOVT 121 (3)	3	
UNIVERSITY STUDIES ELECTIVES			6 HRS	
ELECTIVE		TRC- HFA Elective	3	
ELECTIVE		TRC- HFA Elective	3	
40 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES			26 HRS	
AGR	100T	Transitions	1	
AGR	100	TRC – AGRI 130 (3)	3	
AGR	130	TRC – AGRI 240 (3)	3	
AGR	133	Field Applications for Ag	2	
AGR	160	TRC – AGRI 120 (4)	4	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	339	Computer Applications for Ag	3	
AGR	345	TRC – AGRI 110	3	
AGR	399	TRC – AGRI 194 (1)	1	
AGR	599	Ag Senior Capstone	1	
AGRISCIENCE TECHNOLOGY OPTION			24 HRS	
AGR	377	Ag Safety	3	
AGR	433	Farm Management	3	
AGR	300	Ag Safety	3	
SELECT ONE	301	Livestock Judging and Eva		
	302	Horse Science		
	311	Beef Science		
	312	Dairy Science		
	321	Poultry Science		
	326	Swine Science		
AGR	330	Principles of Agribusiness	3	
SELECT ONE	333	Agribusiness Records	3	
	337	Agricultural Marketing		
AGR	360	Greenhouse, Production		
SELECT ONE	461	Plant Propagation	3	
	542	Plant Breeding I		
	549	Weeds & Their Control		
AGR	372	Agricultural Metal Process	3	
SELECT ONE	379	Field Equipment Tech		
	470	Soil & Water Engineering		
	477	Agricultural Power Units		
	576	Agricultural Electrification		
	577	Tractor Power Principles		
Advisor Approved AGR Electives (elective hours are dependent upon emphasis chosen)			0-9	
REQUIRED EMPHASIS COURSES			21-22 HRS	
**** SEE ADVISOR FOR EMPHASIS AREA ****				
UNRESTRICTED ELECTIVES			8-9 HRS	
TRC – AGRI 232 (3), AGRI Electives (6), HPER 110 (2), CPST 290 (1)				

*Students must complete at least 42 hours of upper-level courses at Murray State University.

**MURRAY STATE UNIVERSITY HUTSON SCHOOL OF AGRICULTURE/
THREE RIVERS COLLEGE
AA IN AGRICULTURE TO AGRIBUSINESS CURRICULUM**

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION			7 HRS	
ENG	105	TRC – ENG111 (3) & ENG 112 (3)	46	
COM	161	TRC – SCOM 110 (3)	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS			12 HRS	
MAT	140	TRC – MATH 163 (3)	43	
CHE	105	TRC – CHEM 111 (5)	45	
BIO	101	TRC – BIOL 101 (5)	45	
WORLD'S HISTORICAL LITERARY & PHILOSOPHICAL TRADITIONS			6 HRS	
CIV	201	TRC – HIST 111 or HIST 112 (3)	3	
HUM	211	TRC – HFA Elective (3)	3	
GLOBAL AWARENESS AND CULT. DIVERSITY			3 HRS	
AGR	353	TRC – VALU 190 (3)	3	
SOCIAL AND SELF AWARENESS			6 HRS	
ECO	230	TRC – ECON 211 (3)	3	
POL	140	TRC – GOVT 121 (3)	3	
UNIVERSITY STUDIES ELECTIVES			6 HRS	
ECO	231	Principles of Microeconomics	3	
		TRC – HFA Elective (3)	3	
40 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES*			26 HRS	
AGR	100T	Transitions	1	
AGR	100	TRC – AGRI 130 (3)	3	
AGR	130	TRC – AGRI 240 (3)	3	
AGR	133	Field Applications for Ag	2	
AGR	160	TRC – AGRI 120 (4)	4	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	339	Computer Applications for Ag	3	
AGR	345	TRC – AGRI 110	3	

AGRICULTURE CURRICULUM COURSES CONTINUED

Dept.	No.	Description	Hrs.	Gr.
AGR	399	TRC – AGRI 194 (1)	1	
AGR	599	Ag Senior Capstone	1	
AGRIBUSINESS OPTION COURSES			24-25 HRS	
ACC	200	Accounting I	3	
AGR	328	Stats for Food & Ag	3	
AGR	330	Principles of Agribusiness	3	
AGR	336	Ag Marketing & Price Analysis	3	
AGR	337	Ag Sales & Merchandising	3	
AGR	433	Farm Management	3	
AGR	531	Ag Finance	3	
AGR	552	Ag Policy	3	
REQUIRED SUPPORT COURSES			SELECT ONE EMPHASIS LISTED BELOW	
CROP PRODUCTION EMPHASIS			15 HRS	
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			15 HRS	
AGR	334	Entrepreneurship in Ag Bus	3	
MGT	350	Fund. of Management	3	
MGT	358	Entrepreneurial Business Plan Development	3	
		Upper-level advisor approved electives	6	
GLOBAL EMPHASIS			15 HRS	
MKT	360	Marketing	3	
MKT	568	Global Marketing Management	3	
Choose three of the following				
AGR	353	World, Food & Ag	3	
AGR	529	International Trade & Ag	3	
AGR	533	Seminar in International Ag Systems	3	
		Foreign Language Course	3	
MARKETING/MANAGEMENT EMPHASIS			15 HRS	
MGT	350	Fund. of Management	3	
MKT	360	Marketing	3	
FIN	330	Principles of Finance	3	
		Upper-level advisor approved electives	6	
UNRESTRICTED ELECTIVES			14 to 15 HRS	
TRC – AGRI 232 (3), AGRI Electives (6), HFA Elective (3), HPER 110 (3), CPST 290 (1)				

*Students must complete at least 42 hours of upper-level courses at Murray State University.

**MURRAY STATE UNIVERSITY HUTSON SCHOOL OF AGRICULTURE/
THREE RIVERS COLLEGE
AA IN AGRICULTURE TO AGRONOMY CURRICULUM**

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				7 HRS
ENG	105	TRC – ENGI11 (3) & ENG 112 (3)	4 6	
COM	161	TRC – SCOM 110 (3)	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				12 HRS
MAT	140	TRC – MATH 163 (3)	4 3	
CHE	105	TRC – CHEM 111 (5)	4 5	
BIO	222	Botany	4	
WORLD HISTORICAL LIT. AND PHILOSOPHY				6 HRS
CIV	201	TRC – HIST 111 or HIST 112 (3)	3	
HUM	211	TRC – HFA Elective (3)	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				3 HRS
AGR	353	TRC – VALU 190 (3)	3	
SOCIAL AND SELF AWARENESS				6 HRS
		TRC – Social & Behavioral Science Elective (3)	3	
POL	140	TRC- GOVT 121 (3)	3	
UNIVERSITY STUDIES ELECTIVES				8 HRS
BIO	101	TRC – BIOL 101 (5)	4 5	
ELECTIVE		TRC- HFA Elective	3	
42 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES*				26 HRS
AGR	100T	Transitions	1	
AGR	100	TRC – AGRI 130 (3)	3	
AGR	130	TRC – AGRI 240 (30)	3	
AGR	133	Field Applications for Ag	2	
AGR	160	TRC – AGRI 120 (4)	3 4	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	339	Computer Applications for Ag	3	
AGR	345	TRC – AGRI 110	3	
AGR	399	TRC – AGRI 194 (1)	1	
AGR	599	Ag Senior Capstone	1	
AGRONOMY OPTION COURSES				25 HRS
AGR	346	Soil Science Lab	1	
AGR	455	Soil Management	3	
AGR	470	Soil & Water Engineering	3	
AGR	471	Applications in Precision Ag	3	
AGR	542	Plant Breeding I	3	
AGR	546	Integrated Pest Mgt	3	
AGR	547	Crop Management	3	
AGR	549	Weeds and Their Control	3	
AGR	ELE	Agriculture Elective	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	330	Principles of Ag Bus	3	
AGR	433	Farm Management	3	
AGR	333	Agribusiness Records & Analysis	3	
AGR	336	Ag Marketing & Price Analysis		
AGR	337	Ag Sales & Merchandising	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				12 HRS
TRC – AGRI 232 (3), AGRI Electives (6), HFA Elective (3), HPER 110 (2), CPST 290 (1)				

*Students must complete at least 42 hours of upper-level courses at Murray State University.

**MURRAY STATE UNIVERSITY HUTSON SCHOOL OF AGRICULTURE/
THREE RIVERS COLLEGE
AA IN AGRICULTURE TO ANIMAL/EQUINE SCIENCE CURRICULUM**

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION			7 HRS	
ENG	105	TRC – ENG111 (3) & ENG 112 (3)	4 3	
COM	161	TRC – SCOM 110 (3)	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS			12-13 HRS	
MAT	140	TRC – MATH 163 (3)	4 3	
CHE	105	TRC – CHEM 111 (5)	4 5	
BIO	101	TRC – BIOL 101 (5)	4 5	
WORLD HISTORICAL LIT. AND PHILOSOPHY			6 HRS	
CIV	201	TRC – HIST 111 or HIST 112 (3)	3	
HUM	211	TRC – HFA Elective (3)	3	
GLOBAL AWARENESS AND CULT. DIVERSITY			3 HRS	
AGR	353	TRC – VALU 190 (3)	3	
SOCIAL AND SELF AWARENESS			6 HRS	
		Social & Behavioral Science Elective (3)	3	
POL	140	TRC- GOVT 121 (3)	3	
UNIVERSITY STUDIES ELECTIVES			6 HRS	
ELECTIVE		TRC- HFA Elective	3	
ELECTIVE		TRC- HFA Elective	3	
40-41 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES*			26 HRS	
AGR	100T	Transitions	1	
AGR	100	TRC- AGRI 130 (3)	3	
AGR	300	Principles of Animal Nutrition	3	
AGR	310	Applications in Animal Tech	3	
AGR	339	Computer Applications for Ag	3	
AGR	399	TRC – AGRI 194 (1)	1	
AGR	504	Diseases of Livestock	3	
AGR	599	Agriculture Senior Capstone	1	
AGR	170	Intro Ag Systems Tech	3	
Select One	377 & 373 & 374	Agriculture Safety Animals in Disaster Livestock in Disaster		
Select One	403 & 506 & 523	Equine Reproduction Reproductive Physiology AI Techniques for Cattle	3	
REQUIRED EMPHASIS			23-24 HRS	
**** SEE ADVISOR FOR EMPHASIS AREA ****				
Transfer Course that may be used in an Emphasis Area				
TRC- AGRI 240		Ag Econ & Mkt	MSU- AGR 130	
TRC- AGRI 110		Soil and Soil Fert.	MSU- AGR 345	
REQUIRED SUPPORT COURSES			0-12 HRS	
(dependent upon emphasis selected)				
**** SEE ADVISOR FOR EMPHASIS AREA ****				
UNRESTRICTED ELECTIVES			18-33 HRS	
TRC – AGRI 232 Advanced Animal Science (3), AGRI 120 (3), AGRI Electives (6), HPER 110 (2), CPST 290 (1)				

*Students must complete at least 42 hours of upper-level courses at Murray State University.

**MURRAY STATE UNIVERSITY HUTSON SCHOOL OF AGRICULTURE/
THREE RIVERS COLLEGE
AA IN AGRICULTURE TO HORTICULTURE CURRICULUM**

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION			7 HRS	
ENG	105	TRC – ENG111 (3) & ENG 112 (3)	4 6	
COM	161	TRC – SCOM 110 (3)	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS			12 HRS	
MAT	140	TRC – MATH 163 (3)	4 3	
CHE	105	TRC – CHEM 111 (5)	4 5	
BIO	222	Botany	4	
WORLD HISTORICAL LIT. AND PHILOSOPHY			6 HRS	
CIV	201	TRC – HIST 111 or HIST 112 (3)	3	
HUM	211	TRC – HFA Elective (3)	3	
GLOBAL AWARENESS AND CULT. DIVERSITY			3 HRS	
AGR	353	TRC – VALU 190 (3)	3	
SOCIAL AND SELF AWARENESS			6 HRS	
		TRC – Social & Behavioral Science Elective (3)	3	
POL	140	TRC- GOVT 121 (3)	3	
UNIVERSITY STUDIES ELECTIVES			6 HRS	
BIO	101	TRC – BIOL 101 (5)	4 5	
ELECTIVE		TRC- HFA Elective	3	
40 HOURS OF UNIVERSITY STUDIES				

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES*			26 HRS	
AGR	100T	Transitions	1	
AGR	100	TRC – AGRI 130 (3)	3	
AGR	130	TRC – AGRI 240 (30)	3	
AGR	133	Field Applications for Ag	2	
AGR	160	TRC – AGRI 120 (4)	3 4	
AGR	170	Intro. to Ag Systems Tech	3	
AGR	199	Contemporary Issues in Ag	3	
AGR	339	Computer Applications for Ag	3	
AGR	345	TRC – AGRI 110	3	
AGR	399	TRC – AGRI 194 (1)	1	
AGR	599	Ag Senior Capstone	1	
HORTICULTURE OPTION COURSES			25 HRS	
AGR	263	Woody Plant Materials I	2	
AGR	346	Soil Science Lab	1	
AGR	360	Greenhouse Prod & Mgt	3	
AGR	363	Woody Plant Materials II	2	
AGR	365	Herbaceous Plant Materials	2	
AGR	461	Plant Propagation	3	
AGR	361	Hort & Greenhouse Mgt Prod	3	
AGR	460	Professional Experience in Horticulture		
AGR	367	Residential Landscape Design	3	
AGR	462	Fine Turf Management		
AGR	563	Arbiculture		
AGR		Elective	3	
AGR		Elective	3	
UNRESTRICTED ELECTIVES			29 HRS	
TRC – AGRI 232 (3), AGRI Electives (6), HFA Elective (3), HPER 110 (2), CPST 290 (1)				

*Students must complete at least 42 hours of upper-level courses at Murray State University.

Horticulture Electives

- AGR 361 Horticulture and Greenhouse Production and Management Practicum (3 Hrs)
- AGR 362 Floral Design (3 Hrs)
- AGR 364 Nursery Management (3 Hrs)
- AGR 366 Horticultural Judging (1 Hr)
- AGR 367 Residential Landscape Design (3 Hrs)
- AGR 368 Landscape Construction (3 Hrs)
- AGR 460 Professional Experience in Horticulture (3 Hrs)
- AGR 462 Fine Turf Management (3 Hrs)
- AGR 463 Horticultural Therapy (3 Hrs)
- AGR 542 Plant Breeding (3 Hrs)
- AGR 563 Arbiculture (3 Hrs)
- AGR 564 Public Garden Management (3 Hrs)
- AGR 565 Public Garden Management Practicum (3 Hrs)
- AGR 566 Advanced Greenhouse Management and Production (3 Hrs)
- AGR 549 Weeds and Their Control (3 Hrs)
- AGR 567 Advanced Landscape Design (3 Hrs)
- AGR 569 Plants for Interior Design (2 Hrs)