

University of Missouri

Bachelor of Science in Animal Sciences

Pre-Vet Option

Transfer Guide for Three Rivers Community College

This plan is intended only as a general guide based on requirements in the 2013-2014 University of Missouri undergraduate catalog. Check the following web sites for current course descriptions, prerequisites, course equivalencies and other specific details about the animal sciences degree:

- 1) *College Catalog* (<http://registrar.missouri.edu>)
- 2) *Transfer Equivalencies* (<http://transfercourses.missouri.edu> or <http://transfer.org>)
- 3) *General Education* (<http://generaleducation.missouri.edu>)
- 4) *Animal Sciences* (<http://animalsciences.missouri.edu/students/>)

*This guide is for the animal sciences **pre-vet option**. Students interested in other animal sciences options should check the animal sciences and transfer equivalency websites for course options at Three Rivers Community College.*

For more information about the Animal Sciences degree, contact the Department of Animal Sciences at (573) 882-8336.

University of Missouri		Three Rivers Community College	
COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)	
Communications (9 credits)			
ENGLISH 1000 Exposition and Argumentation (C- or better)	3	ENGL 112 Adv College Writing (3)	
COMMUN 1200 Public Speaking or AG ED 2220 Verbal Comm in Ag, Food & Natural Resources	3	SCOM 110 Public Speaking (3)	
Communication Elective	3	SCOM 243 Argument & Debate (3), or Foreign Language	
College Algebra (3 credits)			
MATH 1100 College Algebra (C- or better)	3	MATH 163 College Algebra (3)	
Biological, Physical, and/or Math Sciences (27 credits)			
BIO SC 1500 Introduction to Biological Systems with Lab or FW 1100 Intro Zoology with Lab	5	BIOL 190 Biology for Majors (5) or BIOL 221 General Zoology (5)	
CHEM 1320 College Chemistry I	4	CHEM 121 Gen Chemistry I (5)	
CHEM 2030 Survey of Organic Chemistry or CHEM 2100 Organic Chemistry I	3	CHEM 240 Basic Organic Chemistry (5)	
BIOCHM 3630 General Biochemistry	3	None	
PHYSICS 1210 College Physics I	4	None or PHYS 211 General Physics I (5)	
PHYSICS 1220 College Physics II	4	None or PHYS 212 General Physics II (5)	
STAT 1200 Intro Statistical Reasoning or higher	3	MATH 223 Prob & Stat (3) (MRP) or BUAD 230 Bus Statistics (3) (MRP)	
Social & Behavioral Science (9 credits)			
State Requirement In Government or History	3	Select state requirement from the general education list.	
AG ECON 1041 Applied Micro or ECONOM 1014 Princ of Micro or	3	ECON 212 Prin of Microecon (3)	
AG ECON 1042 Applied Macroeconomics or ECON 1015 Principles of Macroeconomics	3	ECON 211 Prin of Macroecon (3)	
Humanities/Fine Arts (6 credits)			
Humanity Elective	3	Select humanities from the general education list.	
Humanity Elective	3		
Writing Intensive (6 credits) Must be completed with a grade of C- or better.			
AN SCI 2111 Sophomore Seminar: Societal issues Facing Animal Ag (WI)	3	Must be taken at MU	
AN SCI Production Systems Course (AN SCI 4976, 4978, or 4979)	3	Must be taken at MU	
Animal Sciences (45 credits)			
AN SCI 1011 Intro to Animal Science	3	AGRI 130 Animal Science (3)	
AN SCI 1065 Animal Science Laboratory Practicum	2	None	
AN SCI 2111 Soph Seminar: Societal issues Facing Animal Ag (WI)	3	None	
AN SCI 2165 Introduction to Ruminant Livestock Production	3	None	
AN SCI 2175 Introduction to Monogastric Production	3	None	
AN SCI 3254 Physiology of Domestic Animals	3	None	
AN SCI 3255 Physiology of Domestic Animals Lab	2	None	
AN SCI 3213 Genetics of Agricultural Plants and Animals	3	None	
AN SCI 4323 Applied Livestock Genetics (MRP) or AN SCI 4324 Genomics of Plants and Animals	2	None	
AN SCI 3212 Principles of Animal Nutrition	3	None	
AN SCI 3232 Animal Feeds and Feeding	3	None	
AN SCI 4314 Physiology of Reproduction	3	None	
AN SCI Production Systems Capstone (WI)	3	None	
AN SCI Senior Electives	9	None	
Electives (21 credits)			
Choose electives to reach the total of 120 credits required for graduation.			
Minimum Credits for a BS in Animal Sciences		120	

General Education Courses Three Rivers Community College

<u>Three Rivers Community College Course</u>	<u>MU Equivalent</u>	<u>Three Rivers Community College Course</u>	<u>MU Equivalent</u>
Humanities		Social Sciences (◆=State Requirement)	
ARTS 110 Intro to Art (3)	ART_GNR1010	◆GOVT 111 Intro Political Sci (3)	POL_SC 1700
ARTS 123 Hist&Apprec of Art (3)	ART_GNR1020	◆GOVT 121 National & State Gov't (3)	POL_SC 1100
ENGL 221 World Lit to 1600 (3)	ENGLISH 2155	◆GOVT 223 State & Local Gov't (3)	POL_SC 2100
ENGL 222 World Lit since 1600 (3)	ENGLISH 2155	◆HIST 111 Amer Hist to 1877 (3)	HIST 1100
ENGL 223 Classical Mythology (3)	CL_HUM 1060	◆HIST 112 Amer Hist since 1877 (3)	HIST 1200
ENGL 231 English Lit to 1798 (3)	ENGLISH 2200		
ENGL 232 English Lit since 1798 (3)	ENGLISH 2200	Foreign Language	
ENGL 233 Shakespeare (3)	ENGLISH 2160	SPAN 101 Elem Spanish I (3)	SPAN 1100A
ENGL 241 Amer Lit to 1870 (3)	ENGLISH 2300	SPAN 102 Elem Spanish II (3)	SPAN 1100B
ENGL 242 Amer Lit since 1870 (3)	ENGLISH 2300	SPAN 201 Interm Spanish I (3)	SPAN 1200
ENGL 281 Old Testament Lit (3)	REL_ST 2500	SPAN 202 Interm Spanish II (3)	SPAN 2100
ENGL 282 New Testament Lit (3)	REL_ST 2510		
FILM 122 Hist & Apprec of Film (3)	FILM_S HUM		
HNRS 220 Hnrs Multi-Disc Sem (3)	MISC HUM		
MCOM 101 Mass Comm & Society (3)	COMMUN 2100		
MUSC 123 Hist & Apprec of Music (3)	MUSIC NM 1310		
MUSC 221 Music Literature I (3)	MUSIC_NHUM		
MUSC 222 Music Literature II (3)	MUSIC_NHUM		
PHIL 200 Intro to Philosophy (3)	PHIL 1000		
PHIL 223 Literature of Bible (3)	REL_ST HUM		
PHIL 233 Ethics (3)	PHIL 1100		
PHIL 243 Religions of the World (3)	REL_ST 2110		
SCOM 110 Public Speaking (3)	COMMUN 1200		
SCOM 243 Argument & Debate (3)	COMMUN 3572		
THEA 120 Hist & Apprec of Theater (3)	THEATR HUM		
VALU 161 Values, Econ & Decision (3)	MISC HUM		
VALU 180 Ideas in Living (3)	MISC HUM		
VALU 181 Images of Women (3)	WMN_ST HUM		
VALU 182 Music of the World (3)	MUSIC_NHUM		
VALU 190 World Foods & Society (3)	MISC HUM		