

University of Missouri

Bachelor of Science in Animal Sciences

Pre-Vet Option

Transfer Guide for St. Louis 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 St. Louis Community College.*

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

University of Missouri		St. Louis Community College
COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
Communications (9 credits)		
ENGLSH 1000 Exposition and Argumentation (C- or better)	3	ENG 102 College Comp II (3)
COMMUN 1200 Public Speaking or AG ED 2220 Verbal Comm in Ag, Food & Natural Resources	3	COM 107 Public Speaking (3)
Communication Elective	3	THT 108 Acting I (3), COM 108 Bus/Tech Present (3), DCS 104 Amer Sign Lang I (5), or Foreign Language
College Algebra (3 credits)		
MATH 1100 College Algebra (C- or better)	3	MTH 160 College Algebra (4)
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	BIO 140 & 141 Prin of Biology I & II (8) or BIO 110 Gen Zoology (4)
CHEM 1320 College Chemistry I	4	CHM 105 Gen Chemistry I (5)
CHEM 2030 Survey of Organic Chemistry or CHEM 2100 Organic Chemistry I	3	CHM 206 Org Chem Lecture I (3)
BIOCHM 3630 General Biochemistry	3	None
PHYSCS 1210 College Physics I	4	PHY 111 Coll Physics I (4) or PHY 122 Engr Physics I (5)
PHYSCS 1220 College Physics II	4	PHY 112 Coll Physics II (4) or PHY 223 Engr Physics II (5)
STAT 1200 Intro Statistical Reasoning or higher	3	BUS 201 Elem Statistics (MRP) (3)
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	ECO 152 Prin of Microeconomics (3)
AG ECON 1042 Applied Macroeconomics or ECON 1015 Principles of Macroeconomics	3	ECO 151 Prin of Macroeconomics (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	None
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

St. Louis Community College

<u>St. Louis Community College Course</u>	<u>MU Equivalent</u>	<u>St. Louis Community College Course</u>	<u>MU Equivalent</u>
Humanities		Social Sciences (◆=State Requirement)	
ANT 203 Biblical Archaeology (3)	REL_ST HUM	◆HST 100 Amer Civilization (3)	HIST SSC_ST
ANT 205 Clt Cntxt Erly Christian (3)	REL_ST HUM	◆HST 101 Amer Hist I (3)	HIST 1100
ARC 114 Archt Hist & Theory (3)	ARCHST 1600	◆HST 102 Amer Hist II (3)	HIST 1200
ART 100 Art Appreciation (3)	ART_GNR1020	◆HST 103 Am Hist I-Hon (3)	HIST 1100
ART 101 Art History I (3)	AR_H_A 1110	◆HST 104 Am Hist II-Hon (3)	HIST 1200
ART 102 Art History II (3)	AR_H_A 1120	◆HST 105 US in 20th Cent (3)	HIST 2210
ART 103 Hist of Modern Art (3)	AR_H_A HUM	◆PSC 101 Intro Amer Politics (3)	POL_SC 1100
ART 104 Major Black Artists (3)	AR_H_A HUM	◆PSC 103 State & Urban Pol (3)	POL_SC 2100
ART 105 Intro to Art (3)	ART_GNR1010	◆PSC 205 Constit Issues (3)	POL_SC SSC_ST
ART 153 Hist of Cultural Env (3)	AR_H_A HUM		
ART 168 Hist of Photography (3)	ART_PHOHUM	Foreign Language	
ART 254 Hlst of Cult Environ II (3)	AR_H_A HUM	FRE 101 Elem French I (4)	FRENCH 1100
COM 107 Public Speaking (3)	COMMUN 1200	FRE 102 Elem French II (4)	FRENCH 1200
ENG 201 Intro Fiction (3)	ENGLISH LIT	FRE 201 Interm French I (4)	FRENCH 2100
ENG 202 Intro Poetry/Play (3)	ENGLISH LIT	GER 101 Elem German I (4)	GERMAN 1100
ENG 203 American Lit (3)	ENGLISH LIT	GER 102 Elem German II (4)	GERMAN 1200
ENG 204 Amer Lit Before 1865 (3)	ENGLISH LIT	GER 201 Intermed German I (4)	GERMAN 2100
ENG 205 Amer Lit Between 1865 and 1945 (3)	ENGLISH LIT	ITL 103 Elem Italian I (4)	ITAL 1100A
ENG 206 Amer Lit after 1945 (3)	ENGLISH LIT	ITL 104 Elem Italian II (4)	ITAL 1100B
ENG 207 Humor in Amer Lit (3)	ENGLISH LIT	JPN 101 Mod Japanese I (4)	JAPNSE 1100A
ENG 210 British Lit to 1800 (3)	ENGLISH LIT	JPN 102 Mod Japanese II (4)	JAPNSE 1100B
ENG 213 Short Novel (3)	ENGLISH LIT	RUS 101 Elem Russian I (4)	RUSS 1100A
ENG 214 Contemp Fiction (3)	ENGLISH LIT	RUS 102 Elem Russian II (4)	RUSS 1100B
ENG 215 Pop Lit: Fan/Hor (3)	ENGLISH LIT	SPA 101 Elem Spanish I (4)	SPAN 1100
ENG 216 Women in Lit (3)	ENGLISH 2180	SPA 102 Elem Spanish II (4)	SPAN 1200
ENG 217 Major Black Writers (3)	ENGLISH LIT	SPA 201 Interm Span I (4)	SPAN 2100
ENG 218 Lit: Amer Minorities (3)	ENGLISH LIT		
ENG 226 Children's Lit (3)	ENGLISH LIT		
ENG 228 Studies in Lit (3)	ENGLISH LIT		
ENG 230 Environ Lit (3)	ENGLISH LIT		
ENG 231 World Lit (3)	ENGLISH LIT		
GLE 101 Global Educ Studies (1-3)	MISC HUM		
HUM 101 Humanities I (4)	MISC HUM		
HUM 102 Humanities II (4)	MISC HUM		
HUM 106 Black Humanties (3)	MISC HUM		
HUM 109 Art & Idea: Anct Wrld (3)	MISC HUM		
HUM 110 Mid Age & Renaiss (3)	MISC HUM		
HUM 112 Creative Thinking (3)	MISC HUM		
HUM 113 Intro Irish Stds (3)	MISC HUM		
HUM 114 Exploring the Arts (3)	MISC HUM		
HUM 115 Life&Death:Nazi Era (3)	MISC HUM		
HUM 208 Lib Arts:Themes (3)	MISC HUM		
HUM 209 Blacks & World of Cinema (3)	MISC HUM		
MCM 130 Film Apprectn (3)	FILM_S HUM		
MCM 131 History of Film (3)	FILM_S HUM		
MCM 132 Major Them in Film (3)	FILM_S HUM		
MCM 209 Blacks & World of Cinema (3)	FILM_S HUM		
MCM 215 Major Film Directors (3)	FILM_S HUM		
MUS 101 Music Theory I (4)	MUSIC_N1211		
MUS 102 Music Theory II (4)	MUSIC_N1212		
MUS 113 Hist of Jazz (3)	MUSIC_N1312		
MUS 114 Enjoyment-Music (3)	MUSIC_N1310		
MUS 128 Surv of Rock Music (3)	MUSIC_NHUM		
MUS 211 Music History I (3)	MUSIC_NHUM		
MUS 212 Music History II (3)	MUSIC_NHUM		
PHL 101 Intro Philosophy (3)	PHIL 1000		
PHL 102 Intro to Logic (3)	PHIL 1200		
PHL 103 World Religions (3)	REL_ST 2110		
PHL 104 Ethics (3)	PHIL 1100		
PHL 105 Black Philosophy (3)	PHIL HUM		
PHL 106 Black Religion (3)	BL_STU 2570		
PHL 109 Bio-Med Ethics (3)	PHIL 1150		
PHL 111 Environ Ethics (3)	PHIL HUM		
PHL 112 Business Ethics (3)	PHIL 2420		
THT 101 Intro Theatre (3)	THEATR 1100		
THT 108 Acting I (3)	THEATR 1400		
THT 110 History-Theatre (3)	THEATR 1100		