

University of Missouri

Bachelor of Science in Animal Sciences

Pre-Vet Option

Transfer Guide for Jefferson 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 Jefferson College.*

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

University of Missouri		Jefferson College
COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
Communications (9 credits)		
ENGLSH 1000 Exposition and Argumentation (C- or better)	3	ENG 102 English Comp II (3)
COMMUN 1200 Public Speaking or AG ED 2220 Verbal Comm in Ag, Food & Natural Resources	3	SPD 175 Public Speaking (3)
Communication Elective	3	Foreign Language
College Algebra (3 credits)		
MATH 1100 College Algebra (C- or better)	3	MTH 134 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	BIO 206 Gen Zoology (5)
CHEM 1320 College Chemistry I	4	CHM 111 Gen Chemistry I (5)
CHEM 2030 Survey of Organic Chemistry or CHEM 2100 Organic Chemistry I	3	CHM 200 Organic Chem I (5)
BIOCHM 3630 General Biochemistry	3	None
PHYSICS 1210 College Physics I	4	PHY 111 Elem Coll Physics I (5) or PHY 223 Gen Physics I (4)
PHYSICS 1220 College Physics II	4	PHY 112 Elem Coll Physics II (4) or PHY 224 Gen Physics II (4)
STAT 1200 Intro Statistical Reasoning or higher	3	MTH 168 Probability and 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 102 Microeconomics (3)
AG ECON 1042 Applied Macroeconomics or ECON 1015 Principles of Macroeconomics	3	ECO 101 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

Jefferson College

<u>Jefferson College Course</u>	<u>MU Equivalent</u>	<u>Jefferson College Course</u>	<u>MU Equivalent</u>
Humanities		Social Sciences (◆=State Requirement)	
ART 101 Art Appreciation (3)	ART_GNR1020	◆HST 103 US Hist to Reconstr (3)	HIST 1100
ART 103 Survey of Art I (3)	AR_H_A 1110	◆HST 103H Honors US Hist to Recon (3)	HIST 1100
ART 105 Survey of Art II (3)	AR_H_A 1120	◆HST 104 US Hist from Reconstr (3)	HIST 1200
ART 107 Modern Art (3)	AR_H_A HUM	◆HST 104H Honors US Hist from Recon (3)	HIST 1200
ART 112 Intro to Art (3)	ART_GNR1010	◆HST 240 Missouri Hist (3)	HIST 2440
ENG 105 Lit Types:Ptry/Short St (3)	ENGLISH LIT	◆PSC 102 US & MO Govt Const (3)	POL_SC 1100
ENG 106 Lit Types:Drama/Novel (3)	ENGLISH LIT		
ENG 122 Film Apprec: Intro Cinema (3)	FILM_S HUM		
ENG 143 Lit for Children (3)	ENGLISH LIT	Foreign Language	
ENG 215 World Lit Before 1650 (3)	ENGLISH LIT	FRN 101 Begin French (5)	FRENCH 1100
ENG 215H Honors World Lit (3)	ENGLISH LIT	FRN 102 Interm French (5)	FRENCH 1200
ENG 216 World Lit After 1650 (3)	ENGLISH LIT	FRN 201 Fren Gram & Comp (3)	FRENCH 2100
ENG 225 Engl Lit Before 1800 (3)	ENGLISH 2200	GRM 101 Begin German (4)	GERMAN 1100
ENG 226 Engl Lit After 1800 (3)	ENGLISH 2200	GRM 102 Intermed German (4)	GERMAN 1200
ENG 228 Amer Lit Before 1865 (3)	ENGLISH 2300	SPN 101 Begin Spanish (5)	SPAN 1100
ENG 229 Amer Lit After 1865 (3)	ENGLISH 2300	SPN 102 Interm Spanish (5)	SPAN 1200
ENG 235 Shakespeare Plays (3)	ENGLISH LIT	SPN 201 Span Gram & Comp (3)	SPAN 2100
ENG 235H Honors Shakespeare (3)	ENGLISH LIT		
ENG 250 Mythology (3)	CL_HUM 1060		
ENG 250H Honors Mythology (3)	CL_HUM 1060		
ENG 255H Honors Lit Types Poetry (3)	ENGLISH LIT		
HUM 125 Sem in World Cult (1-3)	MISC HUM		
HUM 250H Honors Hum (3)	MISC HUM		
HUM 260 Liberal Arts Sem (3)	MISC HUM		
HUM 260H Hon Liberal Arts Sem (3)	MISC HUM		
MSC 101 Fund of Music (3)	MUSIC_N1211		
MSC 103 Music Theory I (4)	MUS_THR1220 & 1230		
MSC 104 Music Theory II (4)	MUS_THR1221 & 1231		
MSC 131 Appreciation of Music (3)	MUSIC_N1310		
MSC 133 Jazz Appreciation (3)	MUSIC_NHUM		
MSC 135 Hist of Rock & Roll (3)	MUSIC_NHUM		
MSC 137 World Music (3)	MUSIC_N1313		
MSC 231 Music Lit Before 1750 (3)	MUSIC_NHUM		
MSC 232 Music Lit After 1750 (3)	MUSIC_NHUM		
PHL 101 Logic (3)	PHIL 1200		
PHL 102 Intro to Phil (3)	PHIL 1000		
PHL 201 World Religions (3)	REL_ST 2110		
PHL 202 Ethics (3)	PHIL 1100		
PHL 202H Honors Ethics (3)	PHIL 1100		
PHL 203 Medical Ethics (3)	PHIL 1150		
SPD 120 Theatre Appreciation (3)	THEATR 1100		
SPD 120H Hnrs Theatre Appreciatn (3)	THEATR 1100		
SPD 175 Public Speaking (3)	COMMUN 1200		
SPN 253 Span Reading (3)	SPAN HUM		