

University of Missouri

Bachelor of Science in Animal Sciences

Pre-Vet Option

Transfer Guide for Crowder 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 Crowder College.*

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

| University of Missouri | | Crowder College |
|---|------------|--|
| COURSE | CREDITS | EQUIVALENT COURSE (CREDITS) |
| Communications (9 credits) | | |
| ENGLSH 1000 Exposition and Argumentation (C- or better) | 3 | ENGL 102 Adv English Comp (3) or ENGL 104 Honors English Comp (3) |
| COMMUN 1200 Public Speaking or AG ED 2220 Verbal Comm in Ag, Food & Natural Resources | 3 | SPCH 101 Fund of Speech (3) |
| Communication Elective | 3 | TA 105 Acting I (3), ASL 101 Beginning American Sign Language I (3) & ASL 102 Beginning American Sign Language II (3), or Foreign Language |
| College Algebra (3 credits) | | |
| MATH 1100 College Algebra (C- or better) | 3 | MATH 111 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 110 Gen Zoology (5) |
| CHEM 1320 College Chemistry I | 4 | CHEM 111 Gen Chemistry I (5) |
| CHEM 2030 Survey of Organic Chemistry or CHEM 2100 Organic Chemistry I | 3 | None |
| BIOCHM 3630 General Biochemistry | 3 | None |
| PHYSCS 1210 College Physics I | 4 | PHYS 190 Gen Physics I (5) |
| PHYSCS 1220 College Physics II | 4 | PHYS 210 Gen Physics II (5) |
| STAT 1200 Intro Statistical Reasoning or higher | 3 | BSAD 236 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 | AGEC 123 Prin Agric Econ (3) or ECON 202 Prin of Econ II (Micro) (3) |
| AG ECON 1042 Applied Macroeconomics or ECON 1015 Principles of Macroeconomics | 3 | ECON 201 Prin of Econ I (Macro) (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 | ANSC 114 Animal Science (4) |
| 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 | ANSC 143 Dairy Production (3) or ANSC 153 Beef Cattle Production (3) |
| 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

Crowder College

| <u>Crowder College Course</u> | <u>MU Equivalent</u> | <u>Crowder College Course</u> | <u>MU Equivalent</u> |
|---|----------------------|--------------------------------|----------------------|
| Humanities | | Foreign Language | |
| ART 101 Art Appreciation (3) | ART_GNR1020 | FREN 101 Begin French I (3) | FRENCH 1100A |
| COMM 101 Intro to Mass Comm (3) | COMMUN 2100 | FREN 102 Begin French II (3) | FRENCH 1100B |
| ENGL 109 Intro to Literature (3) | ENGLISH LIT | FREN 201 Interm French I (3) | FRENCH 1200 |
| ENGL 120 Masterpieces Wld Lit I (3) | ENGLISH LIT | FREN 202 Interm French II (3) | FRENCH 2100 |
| ENGL 125 Masterpiece World Lit II (3) | ENGLISH LIT | SPAN 101 Begin Spanish I (3) | SPAN 1100A |
| HUM 102 Cultural Diversity (3) | MISC HUM | SPAN 102 Begin Spanish II (3) | SPAN 1100B |
| MUSC 101 Music Appreciation (3) | MUSIC_N1310 | SPAN 105 Convers Span (3) | SPAN 1100A |
| PHIL 101 Intro Western Phil (3) | PHIL 1000 | SPAN 106 Convers Span II (3) | SPAN 1100B |
| PHIL 121 World Religions (3) | REL_ST 2110 | SPAN 201 Interm Spanish (3) | SPAN 1200 |
| PHIL 201 Logic (3) | PHIL 1200 | SPAN 202 Interm Spanish II (3) | SPAN 2100 |
| PHIL 202 Ethics (3) | PHIL 1100 | | |
| SPAN 103 Intro Hispanic Culture (3) | SPAN HUM | | |
| SPCH 101 Fund of Speech (3) | COMMUN 1200 | | |
| TA 105 Acting I (3) | THEATR 1400 | | |
| TA 205 Intro Theatre (3) | THEATR 1100 | | |
| Social Sciences (◆= State Requirement) | | | |
| ◆HIST 106 US History I (3) | HIST 1100 | | |
| ◆HIST 107 US History II (3) | HIST 1200 | | |
| ◆PLSC 103 Nat, State, Local Govt (3) | POL_SC 1100 | | |
| ◆PLSC 104 Nat, St, Local Govt Hnr (3) | POL_SC 1100 | | |
| ◆PLSC 205 Intro Political Sci (3) | POL_SC 1700 | | |