

University of Missouri

Bachelor of Science in Fisheries and Wildlife

Transfer Guide for Mineral Area 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 fisheries and wildlife 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) Fisheries and Wildlife (<http://snr.missouri.edu/fw/academics/fisheries>)

For more information, contact the School of Natural Resources at (573) 882-7045 or SNR@missouri.edu.

University of Missouri		Mineral Area College
COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
Communications (6 credits)		
ENGLISH 1000 Exposition and Argumentation (C- or better)	3	ENG 1340 English Comp II (3) or ENG 1430 Exposition (3)
COMMUN 1200 Public Speaking or AG ED 2220 Verbal Comm in Ag, Food & Natural Resources or P R TR 3231 Principles of Interpretive Outdoor Recreation	3	ENG 1440 Public Speaking (3)
Mathematics & Statistics (9 credits)		
MATH 1100 College Algebra (C- or better)	3	MAT 1230 College Algebra (3)
MATH 1400 Calculus for Social and Life Sciences I	3	MAT 1600 Calc Bus & Soc Sci (3)
STAT 2530 Statistical Methods in Nat Resources or STAT 1400 Elementary Statistics for Agriculture or STAT 1300 Elementary Statistics	3	None
Math Reasoning Proficiency (1 course) Must be completed with a grade of C- or better.		
<input checked="" type="checkbox"/> <i>The math reasoning proficiency course may also count toward other general education requirements (sciences, behavioral sciences, social sciences, or humanities).</i>		
Math Reasoning Proficiency	3	Select an MRP course from the general education list.
Physical and Biological Sciences (12-14 credits)		
CHEM 1320 College Chemistry I OR CHEM 1100 Atoms and Molecules and BIOCHM 2110 The Living World: Molecular Scale	5	PHS 1350 Gen Chemistry I (5) OR PHS 1250 Intro Chemistry (5) and BIOCHM 2110 at MU
GEOL 1100 Principles of Geology with Laboratory or SOIL 2100 & 2106 Introduction to Soils Intro to Soils with Lab	4-5	PHS 2410 Physical Geology (5) or AGR 1430 Intro to Soils (3)
PHYSCS 1210 College Physics or ATM SC 1050 Introductory Meteorology or BIOCHM 2110 The Living World (cannot duplicate from chem sequence)	3-4	PHS 1420 College Physics I (4)
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 AG ECON 2070 Environmental Econ and Policy	3	BUS 2940 Prin of Microeconomics (3)
Social Science Elective	3	Select social science from the general education list.
Humanities/Fine Arts (9 credits of general humanities or 12 credits of a single foreign language)		
Humanity Elective	3	Select humanities or foreign language courses from the general education list.
Humanity Elective	3	
Humanity Elective	3	
Writing Intensive (3 courses) Must be completed with a grade of C- or better.		
Writing Intensive course from anywhere in the curriculum	1-5	Must be taken at MU unless waived via completion of an AA degree.
Writing Intensive course from anywhere in the curriculum	1-5	Must be taken at MU
Writing Intensive course numbered 3000 or above in major	3-5	Must be taken at MU
Professional Core (45-47 credits)		
NAT R 1070 Ecology and Renewable Resource Management Ecology	3	BIO 1430 Environ Science (3)
BIO SC 1200 General Botany with Lab	5	BIO 1250 General Botany (5)
FW 1100 Introductory Zoology or BIO SC 1500 Introduction to Biological Systems with Lab	5	BIO 1350 General Zoology (5)
BIO SC 3210 Plant Systematics or FOREST 2151 Dendrology	4	None
FW 2100 Colloquium in Fisheries and Wildlife	1	None
NAT R 3110 Biometrics	3	None
NAT R 4353 Natural Resources Policy/Admin or P R TR 3230 Intro Parks and Recreation Services or RU SOC 4370 Environmental Sociology	3	None
BIO SC 3650 General Ecology	5	None
FW 3600 Intro to Conservation Biology	3	None
FW 4500 Animal Population Dynamics	1	None

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COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
FW 2500 Intro Genetics/Evolution for Conservation or BIO SC 2200 General Genetics or AN SCI 3213 Genetics of Agricultural Plants and Animals	3-4	BIO 2430 Gen Genetics (4)
MPP 3202 Elements of Physiology Elements of Physiology or AN SCI 3254 & 3255 Physiology of Domestic Animals or BIO SC 3700 Animal Physiology or MPP 3333 Fund of Human Physiology and MPP 3337 Human Physiology Lab or BIO SC 2300 Intro to Cell Biology	4-5	BIO 2540 Human Anat & Physio (5) or BIO 2620 Human Physiology (5)
Professional Tracks (27 credits minimum)		
7 courses from Professional Track (Terrestrial or Aquatic)	24	
Senior Capstone course (Terrestrial or Aquatic)	3-4	
Electives		
Choose electives to reach the total of 125 credits required for graduation.		
Minimum Credits for a BS in Fisheries and Wildlife	125	

General Education Courses

Mineral Area College

<u>Mineral Area College Course</u>	<u>MU Equivalent</u>	<u>Mineral Area College Course</u>	<u>MU Equivalent</u>
Behavioral Sciences		Foreign Language	
EDU 1300 Child Dev (3)	PSYCH 2410	MFL 1170 Elem French (3)	FRENCH 1100A
ENG 1670 Interpers Comm I (3)	COMMUN 3561	MFL 1270 Intermed French (3)	FRENCH 1100B
PSY 1130 Gen Psychology I (3)	PSYCH 1000	MFL 1370 Elem Spanish (3)	SPAN 1100A
PSY 1140 Gen Psychology II (3)	PSYCH BEH	MFL 1470 Intermed Spanish (3)	SPAN 1100B
PSY 1160 Applied Psych (3)	PSYCH 1020	MFL 1560 Germ Lang&Cult I (4)	GERMAN 1100
PSY 1250 Hum Growth & Devel (3)	PSYCH BEH	MFL 2130 French Comp&Conv (3)	FRENCH 1200
PSY 2000 Abnormal Psych (3)	PSYCH 2510	MFL 2140 French Reading (3)	FRENCH 2100
SOC 1130 Gen Sociology (3)	SOCIOL 1000	MFL 2230 Intermediate Spanish I (3)	SPAN 1200
SOC 1230 Social Problems (3)	SOCIOL 1650	MFL 2250 Intermediate Spanish II (3)	SPAN 2100
SOC 1240 Substance Abuse (3)	SOCIOL BEH	MFL 2350 Adv Germ Gram&Read (3)	GERMAN 1200
SOC 1540 Intro Cultural Anthro (3)	ANTHRO 2030	MFL 2460 Germ Lang&Cult II (4)	GERMAN 1200
SOC 1600 Ethnic & Cult Diff in Am (3)	SOCIOL BEH		
SOC 1620 Human Diversity (3)	SOCIOL BEH		
		SCIENCES	
Humanities		Biological Sciences (▲=Lab Course)	
ART 1490 History of Art I (3)	AR_H_A 1110	AGR 1120 Animal Science (5)	AN_SCI 1011
ART 1500 History of Art II (3)	AR_H_A HUM	BIO 1100 Intro Biol Science (3)	BIO_SC 1010
ART 1510 History of Art III (3)	AR_H_A HUM	▲BIO 1150 General Biology (5)	BIO_SC 1030
ART 1530 Intro to Humanities (3)	MISC HUM	▲BIO 1250 General Botany (5)	BIO_SC 1200
COM 1000 Intro Mass Comm (3)	COMMUN 2100	▲BIO 1330 Local Flora (3)	BIO_SC BIOL
COM 1060 Intro to Cinema (3)	FILM_S HUM	BIO 1340 Local Fauna (3)	BIO_SC BIO
ENG 1440 Public Speaking (3)	COMMUN 1200	▲BIO 1350 General Zoology (5)	BIO_SC 1100
ENG 1460 Argum & Debate (3)	COMMUN 3572	BIO 1430 Environ Science (3)	BIO_SC 1060
ENG 1570 Intro Lit: Prose&Poetry (3)	ENGLISH LIT	BIO 1500 Essentls of Microbiol (3)	BIO_SC BIO
ENG 2330 English Lit I (3)	ENGLISH 2200	▲BIO 2240 Field Biology (4)	BIO_SC BIOL
ENG 2340 English Lit II (3)	ENGLISH 2200	BIO 2430 Gen Genetics (4)	BIO_SC 2200
ENG 2430 American Lit I (3)	ENGLISH 2300	▲BIO 2540 Human Anat & Physio (5)	BIO_SC BIOL
ENG 2440 American Lit II (3)	ENGLISH 2300	▲BIO 2600 Human Anatomy (5)	BIO_SC BIOL
ENG 2460 Read in Short Fiction (3)	ENGLISH LIT	▲BIO 2620 Human Physiology (5)	BIO_SC BIOL
ENG 2500 Multicultural Lit (3)	ENGLISH 2155	▲BIO 2700 Microbiology (4)	BIO_SC BIOL
MFL 1290 Cult of Fren Spkng World (3)	FRENCH 2310	▲BIZ 1430 Environmental Science Lab (2)	BIO SC BIOL
MFL 2380 Euro/Latin Amer Cult (1)	MISC HUM		
MFL 2390 Euro/Latin Amer Cult (3)	MISC HUM	Math Sciences (◆= Math Reasoning Proficiency)	
MFL 2400 Euro/Latin Amer Cult (5)	MISC HUM	◆MAT 1600 Calc Bus & Soc Sci (MRP) (3)	MATH 1400
MSC 1201 Music Theo I (3)	MUS_THR1220	◆MAT 1650 Analy Geom & Calc I (MRP) (5)	MATH 1500
MSC 1202 Music Theo II (3)	MUS_THR1221	◆MAT 2150 Analy Geom & Calc II (MRP) (5)	MATH 1700
MSC 1801 Apprec of Music (3)	MUSIC_N1310	MAT 2250 Analy Geom & Calc III (5)	MATH 2300
MSC 1811 Apprec of Jazz (3)	MUSIC_N 1312		
MSC 1821 Hist & Form of Rock Music (3)	MUSIC_N 1311	Physical Sciences (▲=Lab Course, ◆= Math Reasoning Proficiency)	
PHI 1400 Intro to Phil (3)	PHIL 1000	AGR 1420 Soils (5)	SOIL 2110
PHI 1410 Comparative Religion (3)	REL_ST 2110	▲PHS 1130 Physical Science (5)	MISC PSCL
PHI 1420 Intro to Ethics (3)	PHIL 1100	PHS 1200 Intro Astronomy (3)	ASTRON PSC
THE 1000 Intro to Theater (3)	THEATR 1100	PHS 1230 Oceanography (5)	GEO 2200
THE 1040 Begin Acting (3)	THEATR 1400	▲PHS 1250 Intro Chemistry (5)	CHEM 1100
THE 1200 Intro Lit: Drama (3)	THEATR 2800	▲PHS 1350 Gen Chemistry I (5)	CHEM 1320
THE 2120 World Drama (3)	THEATR 3700	▲PHS 1380 Qualitative Analysis (2)	CHEM PSCL
		▲PHS 1390 Gen Chemistry II (4)	CHEM 1330
Social Sciences (◆=State Requirement)		◆▲PHS 1420 College Physics I (MRP) (4)	PHYSICS 1210
BUS 2930 Prin of Macroeconomics (3)	ECONOM 1015	◆▲PHS 1440 College Physics II (MRP) (4)	PHYSICS 1220
BUS 2940 Prin of Microeconomics (3)	ECONOM 1014	▲PHS 2230 Gen Physics I (4)	PHYSICS 2750
GEO 1130 Regional World Geography (3)	GEOG SSC	▲PHS 2240 Gen Physics II (4)	PHYSICS 2760
HIS 1100 World Civ I (3)	HIST SSC	▲PHS 2250 Modern Physics (4)	PHYSICS PSCL
HIS 1130 West Civ I (3)	HIST 1500	▲PHS 2300 Intro Organic Chem (5)	CHEM 2030 & 2130
HIS 1140 West Civ II (3)	HIST 1510	▲PHS 2400 Earth Science (5)	GEO 2030 & 2130
HIS 1190 Hist of Christianity (3)	HIST 1580	▲PHS 2410 Physical Geology (5)	GEO 1100
◆HIS 1230 American Hist I (3)	HIST 1100	PHS 2420 Earth Science I (3)	GEO 1100
◆HIS 1240 American Hist II (3)	HIST 1200	PHS 2430 Earth Science II (3)	MISC PSC
HIS 1350 Directed Stds in Hist-Hon (1)	HIST SSC		
HIS 1360 Intro Latin Amer History (3)	HIST 1850		
HIS 1520 World Civ II (3)	HIST SSC		
◆POS 1180 American Political Syst (3)	POL_SC 1100		
◆POS 1230 Intro to Pol Sc (3)	POL_SC 1700		