

# University of Missouri

## Bachelor of Science in Fisheries and Wildlife

### Transfer Guide for St. Charles Community College

This plan is intended only as a general guide based on requirements in the 2016-2017 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://majors.missouri.edu>)
- 2) Transfer Admission (<http://transfer.missouri.edu>)
- 3) Transfer Equivalencies (<https://www.transferology.com/school/missouri> or <http://transfercourses.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](mailto:SNR@missouri.edu).

University of Missouri		St. Charles Community College
COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
<b>Communications (6 credits)</b>		
ENGLISH 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 or P R TR 3231 Principles of Interpretive Outdoor Recreation	3	SPE 101 Oral Comm (3) or SPE 102 Public Speaking (3)
<b>Mathematics &amp; Statistics (9 credits)</b>		
MATH 1100 College Algebra (C- or better)	3	MAT 156 College Algebra-Educators (4) or MAT 158 College Algebra-General Education (4) or MAT 162 College Algebra-STEM (4)
MATH 1400 Calculus for Social and Life Sciences I	3	MAT 210 Survey Calculus (MRP) (4)
STAT 2530 Statistical Methods in Nat Resources or STAT 1400 Elementary Statistics for Agriculture or STAT 1300 Elementary Statistics	3	MAT 175 Intro Statistics (MRP) (3)
<b>Math Reasoning Proficiency (1 course) Must be completed with a grade of C- or better.</b>		
<input checked="" type="checkbox"/> The math reasoning proficiency course may also count toward other general education requirements (sciences, behavioral sciences, social sciences, or humanities).		
Math Reasoning Proficiency	3	Select an <a href="#">MRP</a> course from the general education list on page 3.
<b>Physical and Biological Sciences (12-14 credits)</b>		
CHEM 1320 College Chemistry I or CHEM 1100 Atoms and Molecules <b>and</b> BIOCHM 2110 The Living World: Molecular Scale	5	CHM 115 Gen Chem I (5) or CHM 101 <b>and</b> CHM 103 Intro Chemistry (4) <b>and</b> BIOCHM 2110 at MU or CHM 106 Chemistry for Allied Health (4) <b>and</b> BIOCHM 2110 at MU
GEO 1100 Principles of Geology with Laboratory or SOIL 2100 & 2106 Introduction to Soils Intro to Soils with Lab	4-5	PHY 125 & 127 Intro Phys Geology (4)
PHYS 1210 College Physics or ATM SC 1050 Introductory Meteorology or BIOCHM 2110 The Living World (cannot duplicate from chem sequence)	3-4	PHY 150 & PHY 153 Gen Physics I (4)
<b>Social &amp; Behavioral Science (9 credits)</b>		
State Requirement in Government or History	3	Select <a href="#">state requirement</a> from the general education list.
AG ECON 1041 Applied Micro or AG ECON 2070 Environmental Econ and Policy	3	ECO 120 Princ of Microecon (3)
Social Science Elective	3	Select <a href="#">social science</a> from the general education list on page 3.
<b>Humanities/Fine Arts (9 credits of general humanities or 12 credits of a single foreign language)</b>		
Humanity Elective	3	Select 9 credits of general <a href="#">humanities</a> or 12 credits of a single <a href="#">foreign language</a> from the general education list on page 3.
Humanity Elective	3	
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<b>Writing Intensive (3 courses) Must be completed with a grade of C- or better.</b>		
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
<b>Professional Core (45-47 credits)</b>		
NAT R 1070 Ecology and Renewable Resource Management Ecology	3	No Equivalent
BIO SC 1200 General Botany with Lab	5	BIO 160 Gen Botany (4)
FW 1100 Introductory Zoology or BIO SC 1500 Introduction to Biological Systems with Lab	5	BIO 151 Gen Biology II (4)
BIO SC 3210 Plant Systematics or FOREST 2151 Dendrology	4	No Equivalent
NAT R 3110 Biometrics	3	No Equivalent
NAT R 4353 Natural Resources Policy/Admin or P R TR 3230 Intro Parks and Recreation Services or RU SOC 4370 Environmental Sociology	3	No Equivalent
BIO SC 3650 General Ecology	5	No Equivalent
FW 3600 Intro to Conservation Biology	3	No Equivalent
FW 4500 Animal Population Dynamics	1	No Equivalent
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	No Equivalent

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COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
MPP 3202 Elements of Physiology or AN SCI 3254 & 3255 Physiology of Domestic Animals or BIO SC 2300 Intro to Cell Biology	4-5	BIO 240 & 243 Anatomy & Phys I (4) or BIO 241 & 244 Anatomy & Phys II (4)
<b>Professional Tracks (27 credits minimum)</b>		
8 courses from Professional Track (Terrestrial or Aquatic)	27-30	
<b>Electives</b>		
Choose electives to reach the total of 125 credits required for graduation.		
<b>Minimum Credits for a BS in Fisheries and Wildlife</b>	<b>125</b>	

**General Education Courses**  
**St. Charles Community College**  
 – Equivalencies checked Summer 2016 –

<u>St. Charles Community College Course</u>	<u>MU Equivalent</u>	<u>St. Charles Community College Course</u>	<u>MU Equivalent</u>
<b>Behavioral Sciences</b>			
<a href="#">Return to Page 1</a>			
ANT 102 Intro Cult Anthro (3)	ANTHRO 2030	SOC 101 Intro Sociology (3)	SOCIO 1000
ANT 103 Intro Archaeology (3)	ANTHRO 2021	SOC 102 Intro Soc Theory (3)	SOCIO 1000
ANT 202 Current Debates in Anth (3)	ANTHRO 3003	SOC 215 Marriage & the Family (3)	SOCIO 3420
ANT 220 Mid East Peop & Cult (3)	ANTHRO 4600	SOC 221 Sociology of Art (3)	SOCIO 1000
GLC 215 Intercult Comm (3)	COMMUN 3470	SOC 224 Sex, Gender & Soc (3)	SOCIO 1360
PSY 101 Intro Psychology (3)	PSYCH 1000	SOC 241 Soc Through Lit (3)	SOCIO 1000
PSY 201 Child Psychology (3)	PSYCH 2410	SOC 251 Aspects of Aging (3)	SOCIO 2230
PSY 210 Human Growth & Dev (3)	H_D_FS 2400	SOC 290 Readings in Soc (3)	SOCIO 1000
PSY 215 Adolescent Psych (3)	PSYCH BEH	SPE 104 Small Group Comm (3)	COMMUN 3571
PSY 216 Abnormal Psych (3)	PSYCH 2510	SPE 110 Interpersonal Comm (3)	COMMUN 3561
PSY 230 Social Psychology (3)	PSYCH 2310	SPE 205 Gender Comm (3)	COMMUN 4412
PSY 290 SpTpcs in Psych (1-3)	PSYCH BEH	SPE 215 Intercultural Comm (3)	COMMUN 3470
<b>Humanities</b>			
<a href="#">Return to Page 1</a>			
ANT 161 Arch of Religion (3)	ANTHRO 1005	LIT 241 Soc through Lit (3)	ENGLISH 1000
ANT 171 Intro Egyptology (3)	MISC HUM	LIT 242 Post Colonial Lit (3)	ENGLISH 2155
ART 101 Art Appreciation (3)	ART_GNRL 1020	LIT 250 Engl Lit Before 1800 (3)	ENGLISH 2200
ART 150 West Art Hist I (3)	AR_H_A 1110	LIT 252 Intro to Shakespeare (3)	ENGLISH 1000
ART 151 West Art Hist II (3)	AR_H_A 1120	LIT 260 Engl Lit After 1800 (3)	ENGLISH 2200
ART 160 Mod & Contemp Art Hist (3)	AR_H_A HUM	LIT 265 Fiction toFilm (3)	ENGLISH 1000
ART 222 History of Photography (3)	ART_PHOT HUM	LIT 271 Literature and Contemporary Cultures (3)	ENGLISH 1000
ART 275 Art & Arch Field Studies (3)	AR_H_A HUM	LIT 272 World Lit:Anc-Renaiss (3)	ENGLISH 2155
BUS 105 Business Ethics (3)	PHIL 2420	LIT 273 Wld Lit:Enlight-20th Cent (3)	ENGLISH 2155
COM 102 Intro Mass Comm (3)	COMMUN 2100	LIT 274 Evol of Tragedy (3)	ENGLISH 1000
CPT 105 Computer Ethics (3)	PHIL 2400	LIT 275 Holocaust Lit (3)	ENGLISH 1160
FRN 190 Tops in Fren Lang & Cult (1-4)	FRENCH HUM	LIT 299 Tops in Lit (3)	ENGLISH 1000
FRN 195 Fren Lang & Civil I (1-9)	FRENCH HUM	MUS 101 Found of Music (3)	MUSIC_NM 1211
FRN 210 Intro to Fren Cinema (3)	FRENCH HUM	MUS 109 American Popular Music (3)	MUS_NM HUM
FRN 215 Readings in Fren (3)	FRENCH HUM	MUS 110 American Music Appreciation (3)	MUS_NM HUM
FRN 290 Tops: Interm Fren Lang & Cult (1-6)	FRENCH HUM	MUS 111 Music Appreciation (3)	MUSIC_NM 1310
GLC 133 Cult of Cent Amer & Car (1-3)	MISC HUM	MUS 112 Jazz Appreciation (3)	MUSIC_NM 1312
GLC 135 Cult of Amaz & Andes (1-3)	MISC HUM	MUS 131 Music Theory I (3)	MUS_THRY 1220
GLC 140 Celtic Hist & Contemp Cult (1-3)	MISC HUM	MUS 132 Music Theory II (3)	MUS_THRY 1221
GLC 145 Theater in London (1)	MISC HUM	MUS 231 Music Hist I (3)	MUSIC_NM HUM
GLC 155 Cent European Hist & Cult (1-3)	MISC HUM	MUS 232 Music Hist II (3)	MUSIC_NM HUM
GLC 170 African Cult (1-3)	MISC HUM	MUS 234 Jazz History (3)	MUSIC_NM 1312
GLC 180 Australian Cult (1-3)	MISC HUM	PHL 101 Intro to Philosophy (3)	PHIL 1000
GLC 210 Intro to Fren Cinema (3)	FRENCH HUM	PHL 102 Intro to Logic (3)	PHIL 1200
GLS 101 Intro Global Studies (3)	MISC HUM	PHL 160 Ethics (3)	PHIL 1100
GLS 290 Spec Tops Global Studies (3)	MISC HUM	PHL 201 World Religion (3)	REL_ST 2110
GRM 215 Reading in German (3)	GERMAN HUM	PHL 260 Reason & Religion (3)	PHIL HUM
LIT 200 World Mythology (3)	MISC HUM	SPE 101 Oral Comm (3)	COMMUN 1200
LIT 210 Amer Lit: 1620-1865 (3)	ENGLISH 2300	SPE 102 Public Speaking (3)	COMMUN 1200
LIT 215 Intro to Poetry (3)	ENGLISH 2000	SPE 200 Argumentation & Debate (3)	COMMUN 3572
LIT 216 Dramatic Lit (3)	ENGLISH 2000	SPN 215 Spanish Readings (3)	SPAN HUM
LIT 220 Amer Lit: 1865-Pres (3)	ENGLISH 2300	THE 122 Intro to Theater (3)	THEATR 1100
LIT 230 Contemp Fiction (3)	ENGLISH 2140	THE 123 Intro to Cinema (3)	FILM_S HUM
LIT 236 Science Fiction (3)	ENGLISH 2150	THE 124 History of Film (3)	FILM_S HUM
LIT 237 Detective Fiction (3)	ENGLISH 2150	THE 126 Major Themes in Film (3)	FILM_S HUM
LIT 238 Horror Fiction (3)	ENGLISH 2150	THE 229 Hist Amer Mus Theatre (3)	THEATR 4720A
LIT 240 Contemp Lit (3)	ENGLISH 2140	THE 230 Hist Amer Mus Theatr (3)	THEATR 4720B
<b>Social Sciences (◆=State Requirement)</b>			
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ANT 151 World Archaeology (3)	ANTHRO 2215	HIS 230 Film as History (3)	HIST SSC
BUS 220 Prin of Finance (3)	FINANC 1000	HIS 240 Europe since 1914 (3)	HIST SSC
ECO 100 Survey of Econ (3)	ECONOM SSC	◆HIS 270 Hist of Missouri (3)	HIST 2440
ECO 110 Princ of Macroecon (3)	ECONOM 1015	HIS 280 Mod British Hist (3)	HIST 1550
ECO 120 Princ of Microecon (3)	ECONOM 1014	HIS 299 Topics in History (3)	HIST SSC
GEO 100 Princ of Geography (3)	GEOG SSC	◆POL 101 Am Government (3)	POL_SC 1100
GEO 101 Geog: Eastern World (3)	GEOG 1200	◆POL 102 State & Local Govt (3)	POL_SC 2100
GEO 102 Geog: Western World (3)	GEOG 1100	POL 201 Internat'l Relations (3)	POL_SC 1400
GEO 115 Geog of North Amer (3)	GEOG 2120	POL 210 Comparative Politics (3)	POL_SC 2700
◆HIS 101 US Hist to 1877 (3)	HIST 1100	POL 220 Middle Eastern Politics (3)	POL_SC SSC
◆HIS 102 US Hist since 1877 (3)	HIST 1200	POL 255 Euro Politics&Cultrs (3)	POL_SC SSC
◆HIS 115 US Hist since 1945 (3)	HIST SSC ST	POL 280 Modern Britian (3)	POL_SC SSC
HIS 145 West Civ: Anct & Medieval (3)	HIST 1500	POL 299 Topics in Pol Sci (3)	POL_SC SSC
HIS 146 West Civ: Mod Europe (3)	HIST 1510	SOC 201 Contemp Social Issues (3)	SOCIO 3010
HIS 160 Native American Hist (3)	HIST SSC		
<b>Foreign Language</b>			
<a href="#">Return to Page 1</a>			
ARB 201 Arabic Language and Culture III (4)	ARABIC 1200B	GRM 102 Germ Lang & Cult II (4)	GERMAN 1200
FRN 101 Fren Lang & Cult I (4)	FRENCH 1100	GRM 201 Germ Lang & Cult III (4)	GERMAN 2100
FRN 102 Fren Lang & Cult II (4)	FRENCH 1200	SPN 101 Span Lang & Cult I (4)	SPAN 1100
FRN 201 Fren Lang/Cult III (4)	FRENCH 2100	SPN 102 Span Lang & Cult II (4)	SPAN 1200
GRM 101 Germ Lang & Cult I (4)	GERMAN 1100	SPN 201 Span Lang & Cult III (4)	SPAN 2100

St. Charles Community College Course	MU Equivalent	St. Charles Community College Course	MU Equivalent
<b>SCIENCES</b>			
<b>Biological Sciences (▲=Lab Course)</b>			<a href="#">Return to Page 1</a>
ANT 105 Intro Biol Anthro (3)	ANTHRO 2051	BIO 151 Gen Biology II (5)	BIO_SC 1500
BIO 100 Intro Biology (3)	BIO_SC 1010	▲BIO 160 Gen Botany (4)	BIO_SC 1200
BIO 105 Essntls of Biology (3)	BIO_SC 1010	BIO 240 Anatomy & Phys I (3)	MISC BIO
▲BIO 106 Essntls of Biol Lab (1)	BIO_SC 1020	BIO 241 Anatomy & Phys II (3)	MISC BIO
BIO 110 Human Biology (3)	BIO_SC BIO	▲BIO 243 Anat & Phys Lab I (1)	MISC BIOL
▲BIO 113 Human Biol Lab (1)	BIO_SC BIOL	▲BIO 244 Anat & Phys Lab II (1)	MISC BIOL
BIO 120 Intro to Ecology (3)	BIO_SC 1060A	BIO 245 Microbiology (3)	BIO_SC BIO
▲BIO 121 Introduction to Ecology Laboratory (1)	BIO_SC 1060B	▲BIO 247 Microbiol Lab (1)	BIO_SC BIOL
BIO 122 Environ Science (3)	BIO_SC BIO	BIO 280 Nutrition Pathways (3)	NUTR_S 1034
▲BIO 150 Gen Biology I (5)	BIO_SC 1030		
<b>Math Sciences (✚= Math Reasoning Proficiency)</b>			<a href="#">Return to Page 1</a>
✚MAT 175 Intro Statistics (MRP) (3)	STAT 1300	✚MAT 230 Calc & Analy Geom II (MRP) (5)	MATH 1700
✚MAT 180 Calc & Analy Geom I (MRP) (5)	MATH 1500	✚MAT 240 Calc & Anayl Geom III (MRP) (5)	MATH 2300
✚MAT 201 Struct of Math Sys I (MRP) (3)	MATH MTH	✚MAT 260 Trans to Theo Math (MRP) (3)	MATH MTH
✚MAT 210 Survey Calculus (MRP) (4)	MATH 1400		
<b>Physical Sciences (▲=Lab Course)</b>			<a href="#">Return to Page 1</a>
CHM 101 Intro Chemistry (3)	CHEM 1100A	▲PHY 131 Astronomy Lab (1)	ASTRON 1010B
▲CHM 103 Intro Chem Lab (1)	CHEM 1100B	PHY 150 Gen Physics I (3)	PHYSICS 1210A
▲CHM 106 Chemistry for Allied Health (4)	CHEM 1100	PHY 151 Gen Physics II (3)	PHYSICS 1220A
▲CHM 115 Gen Chem I (5)	CHEM 1320	▲PHY 153 Gen Physics Lab I (1)	PHYSICS 1210B
▲CHM 116 Gen Chem II (5)	CHEM 1330	▲PHY 154 Gen Physics Lab II (1)	PHYSICS 1220B
PHY 105 Environ Geology (3)	GEO 1200A	PHY 225 Historical Geology (3)	GEO 2350
▲PHY 107 Environ Geol Lab (1)	GEO 1200B	▲PHY 227 Historical Geol Lab (1)	GEO 2360
PHY 111 Intro to Phys Sci (3)	MISC PSC	PHY 240 College Physics I (4)	PHYSICS 2750A
▲PHY 113 Intro Phys Sci Lab I (1)	MISC PSCL	PHY 241 College Physics II (4)	PHYSICS 2760A
PHY 125 Intro Phys Geology (3)	GEO 1100A	▲PHY 243 College Phys I Lab (1)	PHYSICS 2750B
▲PHY 127 Intro Phys Geology Lab (1)	GEO 1100B	▲PHY 244 College Phys II Lab (1)	PHYSICS 2760B
PHY 130 Astronomy (3)	ASTRON 1010A		