NCMC to MU Transfer Agreement in Fisheries and Wildlife Sciences

A maximum of 66 credit hours will be accepted by MU from NCMC to be applied to the Bachelor of Science in Fisheries and Wildlife Sciences.

Transfer students from NCMC, upon acceptance into the Fisheries and Wildlife Sciences undergraduate program at MU, will have junior standing at MU.

Section III: Program Plan

Students falling under this program articulation agreement will be responsible for successfully completing the following requirements.

Years 1 and 2
Associate in Arts Degree

Communications — 9 credits	
EN 101 English I	3 cr.
EN 102 English II	3 cr.
SP 175 Speech Communications	3 cr.
Humanities — 9 credits	
Choose one course from three of the four categories.	
Literature	3 cr.
Humanities/Cultural Studies	3 cr.
Fine Art	3 cr.
Philosophy	3 cr.
Mathematics – *3* credits	
MT 122 College Algebra	3 cr.
Social and Behavioral Sciences – 9 credits	
EC 252 Microeconomics	3 cr. ***or***
EC 253 Macroeconomics	3 cr. ***and***
HI 103 American History to Civil War	3 cr. ***or***
PL 216 National Government	3 cr. ***and***
Behavioral Science (Psychology, Sociology, Family Studies, etc.)	3 cr.
Life Sciences – 10 credits (Must include laboratory)	
BI 101 General Botany	5 cr.
BI 103 General Zoology	5 cr.
Physical Sciences – 18 credits	
ES 106 Physical Geology	4 cr.
CH 110 General Chemistry I	5 cr.
CH 112 General Chemistry II	5 cr.
PS 185 College Physics I	4 cr.
Managing Information – 3 credits	
BT 160 Microcomputer Applications	3 cr.

Heath and Physical Fitness – 3 credits

PE 105 Health Education	2 cr.
PE Activity Course	1 cr.

General Education Total	**61 credits**
Additional credit accepted	**3 credits**

Total credits required for the Associate of Arts degree: 62

Years 3 and 4
University of Missouri – Fisheries and Wildlife Sciences

Quantitative and Physical Sciences – 10 credits

Math 1400 Calculus for Social-Natural Sciences	3 cr. FWS
NATR 1090 Beginning GIS for Natural Resources	1 cr. FW
Statistics 2530 Statistical Methods in Natural Resources	3 cr. W
NATR 3110 Biometrics	3 cr. F

Biological and Physical Sciences – 26-27 credits

NATR 1070 Ecology and Renewable Resource Management	3 cr. W
F&W 2100 Colloquium in Fisheries and Wildlife	1 cr. F
F&W 2500 Intro to Genetics and Evolution for Conservation	3 cr.
BIO SCI 3210 Plant Taxonomy	4 cr. W ***or***
FOR 2151 Dendrology	4 cr. F
BIO SCI 3650 General Ecology	5 cr. F
AN SCI 325 Physiology of Domestic Animals	4 cr. F ***or***
MPP 3202 Elements of Physiology	5 cr. FW
F&W 4390 Animal Population Dynamics	3 cr. W
NATR 380 Resource Practicum (must be taken last winter enrollment)	3 cr. W (Required for graduation)

Communications and Social Sciences – 3 credits

AG ECON 4356 Environmental Law and Policy	3 cr. FW ***or***
AG ECON 3257 Rural & Agricultural Law	3 cr. FW ***or***
NATR 4353 Natural Resource Policy and Administration	3 cr. W **WI**

Professional Tracks – 24 credit minimum

A total of 7 courses must be taken from **Terrestrial** and **Aquatic** offerings: 5+2 or 4+3, with at least 2 courses from Science and Natural History and 2 courses from Management Techniques.

A. TERRESTRIAL

Science and Natural History (at least 2 for Terrestrial track)

F&W 2600 Ornithology	4 cr. W
F&W 3660 Mammalogy	4 cr. F
Not more than one course from this group:	
ENT 3710 Entomology (2) **AND** ENT 3715 Insect Diversity (1)	3 cr. F
BIO SCI 3360 Herpetology	4 cr. W, odd years
BIO SCI 3260 Invertebrate Zoology	4 cr. F

Management and Techniques (at least 2 for Terrestrial track)

F&W 3600 Introduction to Conservation Biology	3 cr. W **WI**
F&W 4600 Wildlife Conservation	4 cr. F **WI**
F&W 4700 Wildlife Research and Management Techniques	4 cr. F **WI**

Specialty Courses

F&W 2400 Human Dimensions of Wildlife Conservation	3 cr. F, odd years
F&W 3500 Wildlife Conservation of British Cities	6 cr. S

F&W 3800 Waterfowl Biology and Management	3 cr. F, even years
F&W 4200 Urban Wildlife Management	3 cr. W **WI**
BIO SCI 4670 Avian Ecology	3 cr. W, odd years
F&W 4800 Environmental Toxicology	3 cr. W, odd years

B. AQUATIC

Science and Natural History (at least 2 for Aquatics track)

F&W 2700 Ichthyology	4 cr. W
F&W 4100 Limnology	4 cr. F
Not more than one course from this group:	
ENT 3710 Entomology (2) **AND** ENT 3715 Insect Diversity (1)	3 cr. F
BIO SCI 3260 Invertebrate Zoology	4 cr. F
BIO SCI 3360 Herpetology	4 cr. W, odd years

Management and Techniques (at least 2 for Aquatics track)

F&W 3400 Natural Resource Management & Water Quality	3 cr. W
F&W 4300 Fisheries Management	3 cr. F
F&W 4400 Techniques for Fisheries Management and Conservation	3 cr. F **WI**

Specialty Courses

F&W 3200 Aquaculture	3 cr. W
F&W 3600 Introduction to Conservation Biology	3 cr. W
F&W 4800 Environmental Toxicology	3 cr. W, odd years

* Two courses at MU must be designated as Writing Intensive.

Note: Tracks do not appear on transcripts or diplomas. The degree and major will appear.

Total credits required for the University of Missouri:	**63 - 64**
GRAND TOTAL	**129 – 130 credits**