

MCC to MU Transfer Agreement in Forestry

A maximum of 62 credit hours will be accepted by MU from MCC to be applied to the Bachelor of Science in Forestry.

Transfer students from MCC, upon acceptance into the forestry 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

American Institutions – 6 credits

HIST 120 American History I	3 cr. <i>or</i>
HIST 121 American History II	3 cr. <i>and</i>
POLS 135 Introduction to Political Science	3 cr. <i>or</i>
POLS 136 Introduction to American National Politics	3 cr. <i>or</i>
POLS 137 Introduction to State and Local Politics	3 cr.

Communications — 9 credits

ENGL 101 Composition and Reading I	3 cr.
ENGL 102 Composition and Reading II	3 cr.
SPDR 100 Fundamentals of Speech	3 cr.

Humanities— 9 credits

One course must be in literature or philosophy. 3 cr. (Humanities credit will not be assigned for performance courses)

Mathematics – 3 credits

MATH 120 College Algebra	3 cr.
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Social and Behavioral Sciences – 6 credits

PSYC 140 General Psychology	3 cr.
ECON 210 Principles of Economics I-Macro	3 cr.

Natural Sciences – 18 - 20 credits (Must include a laboratory.)

BIOL 104 General Botany	5 cr.
BIOL 202 Ecology	5 cr.
CHEM 101 Survey of Chemistry	5 cr.
GEOL 101 General Geology	5 cr. <i>or</i>
GEOL 103 Environmental Geology	3 cr.

Physical Sciences – 5 credits

PHYS 104 General Physics I	5 cr.
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Computer Science – 3 credits

CSIS 115 Introduction to Microcomputer Applications	3 cr.
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General Education Total

59 – 61 credits

GENERAL EDUCATION ELECTIVES: 1 – 3 credits

Electives for a degree total of 62 credits as required for the degree.

* Learning Enhancements from the above courses: One course designated as Writing Intensive and a course designated as a Learning community or Human Diversity.

Total credits required for the Associate of Arts degree: 62

Years 3 and 4

University of Missouri - Forestry

General Education Core – 10 credits

MATH 1400 Calculus for Social & Natural Sciences	3 cr.
NATR 1090 Beginning GIS for Natural Resources	1 cr. FW
STAT 2530 Statistical Methods in Natural Resources	3 cr.
BioChem 2110 The Living World: Molecular Scale	3 cr.

Science Core - 5 credits

SOILS 2100 Introduction to Soils	3 cr. FW <i>and</i>
SOILS 2106 Introduction to Soils Laboratory	2 cr. FW

Professional Forestry Core - 29 credits

NATR 3110 Biometrics	3 cr. F
NATR 4353 Resource Policy & Administration	3 cr. W WI
NATR 4970 Resource Practicum	3 cr. W (Required for graduation)

FOR 2151 Dendrology	4 cr. F
FOR 4320 Forest Ecology	4 cr. F WI
FOR 4330 Silviculture	3 cr. W
FOR 4390 Water Quality and Watershed Management	3 cr. F
<u>Forestry Summer Field Studies</u>	
FOR 2540 Forest Surveying	1 cr. S
FOR 2541 Forest Utilization	1 cr. S
FOR 2542 Forest Measurement and Inventory	1 cr. S
FOR 2543 Forest Ecology Field Studies	1 cr. S
FOR 2544 Introduction to Silviculture and Management	1 cr. S
FOR 2545 Forest Management Planning	1 cr. S

Emphasis Areas (One of A, B, C, or D below required)

A. Forest Resource Management – 25 credits

FOR 3240 Wood Technology	3 cr. F
FOR 4340 Tree Physiology	3 cr. F
FOR 4360 Forest Information Systems	3 cr. F
FOR 4380 Forest Resource Management	3 cr. F WI
FOR 4350 Forest Economics	3 cr. F
F&W 4600 Wildlife Conservation I	4 cr. F WI
FOR 3212 Forest Health and Protection	4 cr. W, odd years
FOR 3207 Forest Fire Ecology and Control	2 cr. F

B. Industrial Forestry – 21 credits

FOR 3240 Wood Technology	3 cr. F
FOR 4360 Forest Information Systems	3 cr. F
FOR 4380 Forest Resource Management	3 cr. F WI
FOR 4350 Forest Economics	3 cr. F
FOR 4365 Logging Systems	3 cr. W
AG ECON 2156 Environmental Law	3 cr. W or
AG ECON 3256 Agricultural and Biotechnological Law	3 cr. W or
AG ECON 3257 Rural and Agricultural Law	3 cr. FW
FIN 1000 Principles of Finance	3 cr. FW

C. Urban Forestry – 25 credits

FOR 3212 Forest Health and Protection	4 cr. W, odd years
FOR 3290 Urban Forestry	2 cr. W, even years
FOR 4340 Tree Physiology	3 cr. F
PLNT SCI 2210 Ornamental Woody Plants	3 cr. F
PLNT SCI 3230 Plant Propagation	3 cr. F
PLNT SCI 2254 Landscape Design	3 cr. F
PLNT SCI 2355 Landscape Maintenance	3 cr. W WI
PLNT SCI 4350 Nursery Crop Production and Management	4 cr. W, even years

D. Individualized Studies – 27 credits

Study program of 27 credits to be determined by student and three-member faculty committee, two of whom must be Forestry faculty. This curriculum allows students with interests in both forestry and an allied field (wildlife biology and management, ecology, environmental science, environmental studies, interpretation of natural resources, environmental law, soils, and others) to obtain a degree in forestry combined with a customized specialization in a field of interest.

* One course at MU must be designated as Writing Intensive.

Total credits required for the University of Missouri:

Forest Resource Management – 69

Industrial Forestry – 65
Urban Forestry – 69
Individualized Studies - 71

GRAND TOTAL 127 – 133 credits