ARTICULATION AGREEMENT
BETWEEN
THE METROPOLITAN COMMUNITY COLLEGES
AND
University of Missouri

OVERVIEW:

This formal program articulation agreement is made and entered into by the University of Missouri, hereinafter referred to as MU, and the Junior College District of Metropolitan Kansas City, Missouri, hereinafter referred to as MCC. By this agreement MCC and MU express a shared commitment to increasing opportunities for student access to and success in higher education. By clarifying transfer policies and procedures which assure articulation between programs, the institutions seek to assist students in making a seamless transfer from the associate to the baccalaureate degree.

PURPOSE:

This agreement provides students who have earned an Associate in Arts the opportunity to complete a Bachelor of Science in Forestry at MU. Any Metropolitan Community College student who has earned an Associate in Arts is guaranteed that MU will accept designated freshman and sophomore elective credits and all general education credits and will apply such to the Bachelor of Science in Forestry degree in a manner consistent with the treatment of native students.

CONDITIONS OF TRANSFER:

Section I: Admissions and Matriculation

MCC students maintaining continuous enrollment under this agreement will be afforded the same treatment and protection as MU native students enrolled under a specific catalog.

Criteria for acceptance into MU for transfer students is based upon their past academic performance and the admissions requirements for the Bachelor of Science degree in Forestry.

MCC, upon request of students, will provide verification of completed courses to MU through its Office of Admissions.

The transcripts of students transferring from MCC will be evaluated by the MU Office of Admissions.

Transfer students from MCC will have access to financial aid and student services on the same basis as native students.
Minimum grade standards for academic progress and graduation from MCC will be subject to no further review by MU.

MU will apply the same academic progress and graduation standards to MCC transfer students as those applicable to native students at MU.

Section II: Transfer of Credit

While there is no maximum number of credit hours that can be transferred by a student from MCC to MU, 30 of the last 36 semester hours of credit must be completed with MU authored courses.

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. or
HIST 121 American History II 3 cr. and
POLS 135 Introduction to Political Science 3 cr. or
POLS 136 Introduction to American National Politics 3 cr. or
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
Complete one 3-credit course in each of any three different areas. One of the courses must be in literature or philosophy.

Art history-any course
Literature-any course
HIST 133 Western Civilization I or
HIST 134 Western Civilization II
Humanities-any course
MUSI 108 Music Appreciation or
MUSI 116 Evolution of Jazz
MUSI 160 Music of the World’s Cultures
Philosophy-any course**
SPDR 112 Oral Interpretation of Literature
SPDR 114 Theater and Western World
SPDR 128 Introduction to Film
Mathematics – 3-8 credits
MATH 120 College Algebra 3 cr.
MATH 180 Analytical Geom & Calculus (optional) 5 cr.

Social and Behavioral Sciences – 6 credits
PSYC 140 General Psychology 3 cr.
ECON 210 Principles of Economics I-Macro 3 cr.

Biological and Physical Sciences – 23 - 25 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. or
GEOL 103 Environmental Geology 3 cr.
PHYS 104 General Physics I 5 cr.

Computer Science – 3 credits
CSIS 115 Introduction to Microcomputer Applications 3 cr.

General Education Total 59 – 66 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.

Minimum credits required for the Associate of Arts degree: 62

University of Missouri - Forestry
General Education Core – 9 credits
MATH 1400 Calculus for Social & Natural Sciences (if no Math 180) 3 cr.
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 and
SOILS 2106 Introduction to Soils Laboratory 2 cr. FW

Professional Forestry Core - 32 credits
NATR 3110 Biometrics 3 cr. F
NATR 4353 Resource Policy & Administration 3 cr. W
NATR 4970 Resource Practicum 3 cr. W
FOR 2151 Dendrology 4 cr. F
FOR 4320 Forest Ecology 5 cr. F WI
FOR 4330 Silviculture 3 cr. W
FOR 4390 Water Quality and Watershed Management 3 cr. F
NATR 4325 Intro to GIS 3 cr. W
NATR 3290 Hydrologic Measurement Techniques 1 cr. F

Forestry Summer Field Studies
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, or C below required)**

**A. Forest Resource Management – 25 credits**

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<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
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<tbody>
<tr>
<td>FOR 3240 Wood Technology</td>
<td>3 cr. F</td>
<td>odd years</td>
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<tr>
<td>FOR 4340 Tree Physiology</td>
<td>3 cr. F</td>
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<tr>
<td>FOR 4380 Forest Information Systems</td>
<td>3 cr. F</td>
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<tr>
<td>FOR 4380 Forest Resource Management</td>
<td>3 cr. F</td>
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<tr>
<td>FOR 4350 Forest Economics</td>
<td>3 cr. W</td>
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<tr>
<td>F&amp;W 4600 Ecosystem Management</td>
<td>4 cr. F</td>
<td>WI</td>
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<tr>
<td>FOR 3212 Forest Health and Protection</td>
<td>4 cr. W</td>
<td>odd years</td>
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<tr>
<td>FOR 3207 Forest Fire Ecology and Control</td>
<td>2 cr. F</td>
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**B. Urban Forestry – 25 credits**

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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>FOR 3212 Forest Health and Protection</td>
<td>4 cr. W</td>
<td>odd years</td>
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<tr>
<td>FOR 3290 Urban Forestry</td>
<td>2 cr. W</td>
<td>even years</td>
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<tr>
<td>FOR 4340 Tree Physiology</td>
<td>3 cr. F</td>
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<tr>
<td>PLNT SCI 2210 Ornamental Woody Plants</td>
<td>3 cr. F</td>
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<tr>
<td>PLNT SCI 3230 Plant Propagation</td>
<td>3 cr. F</td>
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<tr>
<td>PLNT SCI 2254 Landscape Design</td>
<td>3 cr. F</td>
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<tr>
<td>PLNT SCI 2355 Landscape Maintenance</td>
<td>3 cr. W</td>
<td>WI</td>
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<tr>
<td>PLNT SCI 4350 Nursery Crop Production and Management</td>
<td>4 cr. F</td>
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**C. 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 – 71
- Urban Forestry – 79
- Individualized Studies - 83

**Total credits required for the Bachelor of Science in Forestry:** 132-145
TERMS OF AGREEMENT:

This agreement is made and entered into in the academic year 2011-2012 and remains in force unless changed in writing by mutual agreement of both parties. The agreement may be amended at any time with the approval of both parties and is subject to regular review to assure currency with the respective degree requirements. Should either party desire to discontinue this agreement, advance notification of two years will be required.

SIGNATURES:

The Junior College District of Metropolitan Kansas City, Missouri (MCC) and University of Missouri enter into this program articulation agreement leading from the Associate in Arts to the Bachelor of Science in Forestry by the affixing of signatures of the chief executive officers of both institutions.

Thomas L. Payne, Ph.D.
Dean, College of Agriculture, Food, and Natural Resources
University of Missouri

Brady J. Deaton, Ph.D.
Chancellor
University of Missouri

Mark S. James
Chancellor
Metropolitan Community College

12/14/11
Date

1/25/12
Date

2/13/12
Date