

Articulation Agreement

Between

Minnesota West Community & Technical College, Agriculture – Plant Science GIS/GPS A.S.

and

University of Minnesota, Crookston (UMC), Agriculture Agronomy B.S.

Sending institution: Minnesota West Community & Technical College

Receiving institution: University of Minnesota, Crookston

Statement of Purpose

This agreement has been entered into by **MWCTC** and **UMC**. The purpose of this agreement is to facilitate credit transfer and provide a smooth transition from a MWCTC associate of applied sciences program to a UMC bachelor's degree program. It is further recognized that the attached appendices shall describe the required program of study at **MWCTC**, for eligibility for transfer of credit to **UMC**, in the (**Agronomy**). This agreement identifies all required and equivalent courses at each institution.

Terms and Conditions of Credit Transfer:

The evaluation and transfer of earned college credits shall be in full compliance with MnSCU policies and all other state and Federal education policies pertaining to undergraduate credit transfer. Graduates, who have earned degrees from **MWCTC**, shall be eligible for transfer of credit under the terms of this agreement. Program specific requirements and/or required courses are listed and defined in Appendix A of this agreement.

Transfer students will be accorded the same standards and criteria for admission to a major degree sequence as **UMC students.

- **Associate of Science** transfer students will transfer the determined number of credits of an articulated baccalaureate degree program as identified in appendix A.

Applicants accepted must fulfill the graduation requirements of the baccalaureate granting institution as identified in appendix A.

Collaboration Practices

Administration, faculty and staff at both institutions will work cooperatively to ensure successful implementation of this agreement. The faculty and staff of both institutions, will communicate openly and regularly to ensure accurate and timely information for students and advisors.

In addition:

- UMC intends to offer upper division courses required for graduation with a BS degree
- Both institutions will jointly promote the AAS, BS, and Minor degree programs to potential students.
- Both institutions will work to develop counseling, advising, transcription, registration and financial aid procedures to facilitate the seamless transfer of students.

Articulation Implementation and Agreement Review

The Chief Academic Officer or designee of the collaborating institutions, shall be responsible for implementing this agreement, for identifying and incorporating any changes into subsequent agreements, and for conducting a periodic review of this agreement; at least annually.

This agreement becomes effective on April 7, 2009 and remains in effect until May 31, 2014 unless terminated or amended by either party with prior written notice.

Sending Institution

Receiving Institution

President

Date

President

Date

Chief Academic Officer

Date

Chief Academic Officer

Date

Dean or Designee

Date

Dean or Designee

Date

Department Chair

Date

Department Head

Date

For more information contact:

Sending Institution

Receiving Institution

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Appendix A (Agriculture – Plant Science GIS/GPS, AS)

Credits Transferred from MWCTC:

Liberal Education	36
Technology Requirements	3
Program Requirements	25
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Total Transferred from MWCTC	64
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Minimum UMC Credits to be Completed	56

Breakdown of Liberal Educational Courses that will Transfer:

**Students must complete the 10 goal areas of the Minnesota Transfer Curriculum with the following liberal education courses required:*

MWCTC	UMC	No. of Credits
ENGL 1101 Comp I	*COMP 1011 Comp I	3
MATH 1111 Gen Ed/College Algebra	*MATH 1031 College Algebra	3
SPCH 1101 Introduction to Speech	*SPCH 1101 Public Speaking	3
BIOL 1110 Principles of Biology	*BIOL 1009 General Biology	4
BIOL 2230 Plant Biology	*BIOL 2022 General Botany	3
CHEM 1101 General Inorganic I	*CHEM 1001 Introductory Chemistry	4
Social Science Requirements	Liberal Education Requirements	16
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Total Liberal Education Requirements that will Transfer		36

UMC Liberal Education Credits/Courses to be Completed:

Course	Credits
*COMP 1013 Comp II	3
Liberal Education Requirements	1
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Minimum Liberal Education Requirements Needed	4

Breakdown of Technology Requirement Courses that will Transfer:

CSCI 1102 Intro to Microcomputers	CA 1010 Intro to Computer Technology AND CA 1020 Spreadsheet Applications	1 2
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Total Technology Requirements that will Transfer		3

Breakdown of Program Requirement Courses that will Transfer:

<u>MWCTC</u>	<u>UMC</u>	<u>No. of Credits</u>	
AGRI1102 Principles of Agronomy	AGRO 1183 Field Crops: Production Principles	3	3
AGRI2202 Weed Control	AGRO 2640 Applied Agriculture Chemicals	3	3
AGRI 1103 Introduction to Soil Science	SOIL 1293 Soil Science	3	3
AGRI2203 Soil Fertility and Fertilizers	SOIL 3414 Soil Fertility and Plant Nutrition	3	3
AGRI2204 GIS/GPS	*Open Electives	3	3
AGRI2212 Corn & Soybean Production	*Open Electives	3	3
Open Electives	*Open Electives	7	7
*Note: These credits can derive from any college credit course material taken at MWCTC			
Total Program Requirements that will Transfer			25

UMC Program Requirements to be Completed:

<u>Course</u>	<u>No. of Credits</u>
AGRO 1030 Crop and Weed Identification	3
AGRO 1540 Seed Conditioning and Technology	4
AGRO 2840 Grain and Seed Evaluation	4
AGRO 3130 Forages	3
AGRO 3444 Crop Production	4
GNAG 1012 Introduction to Applied Agricultural Chemistry	2
GNAG 3899 Pre-Internship Seminar	.5
GNAG 3900 Internship	2-4
GNAG 3901 Post-Internship Seminar	.5
GNAG 4652 Senior Seminar	1
PIM 2573 Entomology	3
PIM 3023 Plant Breeding and Genetics	4
PIM 3230 Introduction to Plant Pathology	3
PIM 3630 Integrated Crop Management (Capstone)	3
Total Program Requirements Needed	37-40

UMC Emphasis Requirements to be Completed:

Agronomic Science Emphasis:

<u>Course</u>	<u>No. of Credits</u>
AGRO 3640 Weed Science	3
BIOL 3131 Plant Physiology	3
CHEM 1401 Elementary Bioorganic Chemistry	4
PIM 3030 Research Techniques	3
Agriculture/Natural Resources Electives	5

Total Emphasis Requirements Needed 18
Crop Production Emphasis:

<u>Course</u>	<u>No. of Credits</u>
AGEC 4740 Grain & Livestock Marketing	3
AGEC 3540 Farm Business Management	3
SWM 3224 Soil and Water Conservation	4
Agriculture/Natural Resources Electives	7

Total Emphasis Requirements Needed 18

NOTE: Course requirements may change as curriculum evolves on each campus. Therefore, both the Sending Institution and the Receiving Institution request the right to amend this document to reflect those changes. Further, notwithstanding such changes, General Education requirements must be met in partial fulfillment of the BS degree. Current requirements include:

- 120 Total Credits required for graduation with a BS
 - 40 - Liberal Education Credits
 - 3 – Technology Credits
 - 50 – Credits in the Major
 - 18 – Credits in the Emphasis
 - 9 – Credits as Electives
 - 40 of the credits must be upper level classes