

MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN

RIVERLAND COMMUNITY COLLEGE
AND
MINNESOTA STATE UNIVERSITY, MANKATO

*The Board of Trustees of the Minnesota State Colleges and Universities is authorized by Minnesota Statutes, Chapter 136F to enter into Agreements and has delegated this authority to colleges and universities.

This Agreement is entered into between Riverland Community College (hereinafter sending institution), and Minnesota State University, Mankato (hereinafter receiving institution). This Agreement and any amendments and supplements, shall be interpreted pursuant to the laws of the State of Minnesota.

The sending institution has established a **Food Science Technology, Associate in Science** degree (hereinafter sending program), and the receiving institution has established a **Food Science Technology, Bachelor of Science** (hereinafter receiving program), and will facilitate credit transfer and provide a smooth transition from one related program to another. It is mutually agreed:

Admission and Graduation Requirements

- A. The receiving institution's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- B. Students must fulfill the graduation requirements at both institutions.
- C. Students must complete the entire sending program and meet the receiving institution's admission requirements for the agreement to apply.

Transfer of Credits

- A. The receiving institution will accept 60 credits from the sending program. A total of 60 credits remain to complete the receiving program.
- B. Courses will transfer as described in the attached Program Articulation Table. For system institutions, once the courses are encoded, they will transfer as described in the Transferology Audit.

Implementation and Review

- A. The Chief Academic Officers or designees of the parties to this agreement will implement the terms of this agreement, including identifying and incorporating any changes into subsequent agreements, assuring compliance with system policy, procedure and guidelines, and conducting a periodic review of this agreement.
- B. This Articulation Agreement is effective on January 30, 2015 and shall remain in effect until the end date of January 30, 2020, or for five years, whichever occurs first, unless terminated or amended by either party with 90 days prior written notice.
- C. The college and university shall work with students to resolve the transfer of courses should changes to either program occur while the agreement is in effect.
- D. This Articulation Agreement will be reviewed by both parties beginning August 30, 2019, (within six months of the end date).
- E. When a student notifies the receiving institution of their intent to follow this agreement, the receiving institution will encode course waivers and substitutions.

PROGRAM ARTICULATION TABLE

	College (sending)	University (receiving)
Institution	Riverland Community College	Minnesota State University, Mankato
Program name	Food Science Technology	Food Science Technology BS
Award Type (e.g., AS)	Associate in Science	Bachelor of Science
Credit Length	60	120
CIP code (6-digit)	01.1001	01.1001
Describe program admission requirements (if any)		Admission to major is granted by the Department of Biology and follows minimum University admission requirements: a minimum of 32 earned semester credit hours; a minimum cumulative GPA of 2.0

Instructions

- List all required courses in both academic programs.
- MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution.
- Do not indicate a goal area for general education courses that are not part of the MnTC.
- For restricted or unrestricted electives, list number of credits.
- Credits applied: the receiving institution course credit amount may be more or less than the sending institution credit amount. Enter the number of credits that the receiving institution will apply toward degree completion.
- Show equivalent university-college courses on the same row to ensure accurate DARS encoding.
- Equiv/Sub/Wav column: If a course is to be encoded as equivalent, enter Equiv. If a course is to be accepted by the university as a "substitution" only for the purposes of this agreement, enter Sub. If a course requirement is waived by the receiving institution, enter Wav. If a course is to be accepted by the university as a MnTC goal area, restricted elective or unrestricted elective, leave the cell blank.

(To add rows, place cursor outside of the end of a row and press enter.)

SECTION A - Minnesota Transfer Curriculum-General Education

College (sending)			University (receiving)			
course prefix, number and name	Goal(s) 1	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
ENGL1101 Freshman English	1	3	ENG 101 Composition	1	3	Equiv.
SPCH1100 Fundamentals of Speech OR SPCH1200 Interpersonal Communication OR	1,9 1,7	3	CMST102 Public Speaking CMST101 Interpersonal Communications	1,9 1,7	3	Equiv
SPCH1310 Intercultural Communication	1,7		MnTC Goals 1 & 7	1,7		
BIOL1091 General Biology I	3	4	BIOL105 General Biology I	3	4	Equiv
BIOL1092 General Biology II	3,10	4	BIOL106 General Biology II	3,	4	Equiv
BIOL2040 General Microbiology	3,2	4	BIOL270 General Microbiology	3	4	Equiv
CHEM1201 General Chemistry I	3	4	CHEM201 General Chemistry I (5 cr)	3	4	Sub
CHEM1202 General Chemistry II	3	4	CHEM202 General Chemistry II (5 cr)	3	4	Sub
MATH1110 College Algebra	4	3	MATH112 College Algebra (4 cr)	4	3	Equiv
STAT2021 Fundamentals of Statistics	4	4	STAT154 Elementary Statistics (3 cr)	4	4	Equiv
SOCI1103 Social Problems	5,9	3	SOC150 Social Problems	5,9	3	Equiv
PHIL1130 Ethics	6,9	3	PHIL120 Introduction to Ethics	6,9	3	Equiv
ENGL1113 Creative Writing Nonfiction OR ENGL1115 Creative Writing Fiction	6,7	1	ENG215 – Topics in Literature (1 cr)	6,7	1	Sub

¹ MnTC goal areas transfer to the receiving college/university according to the goal areas designated by the sending college/university

History & the Social & Behavioral Sciences: Any MnTC meeting Goal 5 and Goal 8 course (choose a discipline other than SOCI)	5,8	3	History & the Social & Behavioral Sciences: Any MnTC course	5,8	3	Equiv
MnTC/General Education Total		43				

Special Notes, if any:

Students need to meet with academic counselors or advisors at both institutions to confirm General Education requirements. MSU Mankato Chemistry Dept will only consider Chem 1201 and 1202 equivalent to MSUM Chem 201 and 202 if the student passes Chem 305 with a C or better Refer to Minnesota State University, Mankato Chemistry's policy on acceptance of non-ACS certified chemistry programs.

SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). Restricted electives (in Major) fulfill a specific requirement within a major. Example A: "Chose two of the following three courses;" Example B: A Biology degree may require 40 science credits (20 credits of required courses + 20 credits of listed related courses, such as botany, genetics, sociobiology, etc. which students can select).

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
FSCI1000 Introduction to Food Science	3	Elective	3	
FSCI1010 Food Safety, Laws, and Sanitation	3	Elective	3	
FSCI1020 Food Security/Biosecurity	3	Elective	3	
FSCI1030 Food Science Research and Development	3	Elective	3	
FSCI1040 Food Processing	3	Elective	3	
HLTH1100 Health	2	HLTH212 Consumer Health	2	Sub
Restricted elective credits - list courses (if none enter 0)				
Unrestricted elective credits (if none enter 0)		College's unrestricted elective credits accepted in transfer (if none enter 0)		
Major, Emphasis, Unrestricted Electives Total	17	Total College Credits Applied (sum of sections A and B)	60	

Special Notes, if any:

SECTION C - Remaining University (receiving) Requirements

	course prefix, number and name	Credits
	BIOL 220 Human Anatomy	4
	BIOL330 Principles of Human Physiology	4
	BIOL453 Biological Engineering Analysis I	4
	BIOL478 Food Microbiology and Sanitation	4
	CHEM305 Analytical Chemistry	4
	CHEM322 Organic Chemistry I	4
	CHEM323 Supplemental Organic Functional Group Chemistry	1
	CHEM360 Principles of Biochemistry	4
	ENGL271W Technical Communication	4
	FCS150 Food, Culture and You	2
	FCS242 Nutrition for Healthcare Professionals	3
	FCS340 Food Science	4
	FCS444 Experimental Food Science	3
	Practicum – (choose 2-4 credits) from the following	2-4
	BIOL497 Internship I (1-12)	
	BIOL499 Individual Study (1-4)	
	Major Restricted Electives (choose 1 course)	3
	BIOL452 Biological Instrumentations	
	BIOL467 Industrial Hygiene	
	Upper division electives	1-3
	University unrestricted elective credits not counted elsewhere (if none enter 0)	4-7

	Total Remaining University Credits	60
Special Notes, if any:		

SECTION D - Summary of Total Program Credits			
College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	43		
Major, Emphasis, Unrestricted Electives or Other	17		
Total College Credits	60	Total College Credits Applied	60
		Remaining credit to be taken at the university (receiving institution)	60
		Total Program Credits	120
Special Notes, if any:			

College	Name	Signature	Date
Chief Academic Officer	Mary Davenport, Ph.D.	<i>Mary Davenport</i>	3/6/15
Title			
University	Name	Signature	Date
Chief Academic Officer	Marilyn Wells, Ph.D.	<i>Marilyn Wells</i>	3/11/15
Title			
DARS Encoder	<i>Deborah Beal</i>	<i>Deborah Beal</i>	3/11/15
Date when equivalencies were encoded in DARS by the receiving MnSCU institution.			