



# BIOLOGY

## Transfer Guide

### for A.A. Liberal Arts & Science Degree

This transfer guide is intended for students planning transfer to a baccalaureate program at a college or university listed. Specific requirements vary at individual transfer institutions and may change while this document is in print. **STUDENTS ARE RESPONSIBLE** for consulting with RCTC Counselors and the transfer institution for assistance in planning their course of study and to ensure accuracy. RCTC will not be held responsible for changes.

#### Receiving Institution

	WSU	UM	MSU	UW-L	Course	Course Title	Credits
<b>Goal 1: Written &amp; Oral Communication</b> Credits 11	•	•	•	•	ENGL 1117*	Reading & Writing Critically I	4
	•	•	•	•	ENGL 1118*	Reading & Writing Critically II	4
	•	•	•	•	SPCH 1114 or SPCH 1130	Fundamentals of Speech Interpersonal Communications	3
<b>Goal 3: Natural Sciences</b>  Credits (as many as possible up to 64 credits for the degree)			•	•	BIOL 1217	Anatomy & Physiology I	4
			•	•	BIOL 1218	Anatomy & Physiology II	4
	•	•	•	•	BIOL 1220	Concepts of Biology	4
	•	•			BIOL 1230	Survey of Life Forms	4
			•	•	BIOL 2021	General Microbiology	4
	•			•	BIOL 2200	General Zoology	4
	•		•	•	BIOL 2300	Genetics	4
	•	•	•	•	CHEM 1127	Chemical Principles I	4
	•	•	•	•	CHEM 1128	Chemical Principles II	4
		•		•	CHEM 2127	Organic Chemistry I	5
		•		•	CHEM 2128	Organic Chemistry II	5
	•				PHYS 1117	Introductory Physics I	5
	•				PHYS 1118	Introductory Physics II	5
	•			PHYS 1127	Classical Physics I	5	
	•			PHYS 1128	Classical Physics II	5	
<b>Goal 4: Mathematics</b>  Credits (as many as possible up to 64 credits for the degree)			•		MATH 1115	College Algebra	3
	•				MATH 1117	Precalculus	4
	•	•			MATH 1127	Calculus I	5
	•	•			MATH 1128	Calculus II	5
				•	MATH 2208	Fundamentals of Statistics	4
<b>Goal 5: History &amp; Social Sciences</b>  Credits 9				• +	SOC 2625	Minority Group Relations	3
				• +	HIST 1640	Women in History	3
					Minimum of 2 credits from 3 different areas: Anthropology*, Economics*, Geography*, History*, Political Science*, Psychology*, Sociology*		9
<b>Goal 6: Humanities &amp; Fine Arts</b> Credits 9				• +	ENGL 2227	Women Literature	3
					Minimum of 2 credits from 3 different areas: Art, English Literature*, Foreign Culture, Humanities*, Journalism, Music, Philosophy*, Speech/Theatre		6
<b>Health &amp; Physical Education</b> Credits 4	•	•	•	•	Any Combination of Health (except Holistic Health) and/or Physical Education courses (1100-1199)		4

Courses must be selected from those approved to satisfy the competencies of the Minnesota Transfer Curriculum (MNTC).

Most of the courses included on this sheet are MNTC approved. (Health/Physical Education is excluded).

(WSU) Winona, (UofM) Twin Cities, (MSU) Minnesota U of Mankato State, (UW-L) LaCrosse.

U of M Twin Cities requires 2 years of High School foreign language or one year college.

+ Students transferring to LaCrosse must take one of the + courses.

\* Honors Equivalent Available

**Total (needed for AA Liberal Arts & Science Degree from RCTC) ..... 64 Credits**

Implemented: Fall 2006; Revised: 11/08/2006; Reviewed: 02/2008

A Member of the Minnesota State Colleges and Universities System

For additional information, please contact the Counseling Office at (507) 285-7260, or find us at [www.roch.edu/rctc](http://www.roch.edu/rctc).