# RCTC PROGRAM PLAN

## LABORATORY SCIENCE
Associate in Science

### I. MINNESOTA TRANSFER CURRICULUM (MNTC)

**GENERAL EDUCATION REQUIREMENTS** .................................................................31 CREDITS

**GOAL 1: WRITTEN AND ORAL COMMUNICATION** ........................................10 CR

COMM 1114, Fundamentals of Public Speaking, 3 cr
ENGL 1109, Introduction to Professional and Technical Communication, 3 cr
ENGL 1117, Reading and Writing Critically I, 4 cr
(ENGL 1118, Reading and Writing Critically II, 4 cr may be substituted for ENGL 1109)

**GOAL 2: CRITICAL THINKING MAY BE MET BY ANY COURSE IN MNTC 1-10 GOALS**

**GOAL 3: NATURAL SCIENCES** ..................................................................................8 CR

BIOL 1220, Concepts of Biology, 4 cr
CHEM 1127, Chemical Principles I, 4 cr

**GOAL 4: MATHEMATICS/LOGICAL REASONING** ............................................3 CR

MATH 1115, College Algebra, 3 cr

**GOAL 5: HISTORY AND THE SOCIAL AND BEHAVIORIAL SCIENCES** .................7 CR

PSYC 2618, General Psychology, 4 cr
SOC 1614, Introduction to Sociology, 3 cr

**GOAL 6: HUMANITIES - THE ARTS, LITERATURE AND PHILOSOPHY** ...............3 CR

PHIL 1135, Bioethics, 3 cr

### II. PROGRAM CORE REQUIREMENTS .................................................................29 CREDITS

BIOL 1217, Anatomy and Physiology I, 4 cr
BIOL 1218, Anatomy and Physiology II, 4 cr
BIOL 1230, Survey of Life Forms, 4 cr OR
BIOL 2020, Introduction to Molecular Biology Methods, 4 cr
BIOL 2021, Microbiology, 4 cr
CHEM 1118, General, Organic and Biological Chemistry II, 4 cr OR
CHEM 2800, Biochemistry, 3 cr
CHEM 1128, Chemical Principles, 4 cr
CHEM 2100, Survey of Organic Chemistry, 4 cr
HCCC 1200, Introduction to the Clinical/Research Laboratory, 2 cr

**TOTAL** .................................................................................................................60 CREDITS
ADDITIONAL NOTES: PROGRAM ARTICULATION: This program is articulated with the Bachelor of Science degree in Medical Laboratory Science offered by the University of North Dakota. Students who complete this program can continue next two years of study at UND and receive a Bachelor of Science degree in MLS.

Revised: 05/09/2017
Implementation: Fall 2017