

RCTC PROGRAM PLAN

HEALTH SCIENCES BROAD FIELD

Associate of Science

I. MINNESOTA TRANSFER CURRICULUM (MnTC)/

GENERAL EDUCATION REQUIREMENTS.....47 CREDITS

Complete at least 30 credits in courses from the Minnesota Transfer Curriculum (MnTC), including all courses listed. You must complete at least one course in six of the ten goal areas.

GOAL 1: WRITTEN AND ORAL COMMUNICATION7 CR

COMM 2100, Intercultural Communications, 3 cr
ENGL 1117, Reading and Writing Critically I, 4 cr

GOAL 3: NATURAL SCIENCES20 CR

BIOL 1217, Anatomy and Physiology I, 4 cr
BIOL 1218, Anatomy and Physiology II, 4 cr
BIOL 1220, General Biology I, 4 cr
BIOL 2021, General Microbiology, 4 cr
CHEM 1117, General, Organic and Biological Chemistry I, 4 cr

GOAL 4: MATHEMATICS/LOGICAL REASONING.....7 CR

MATH 1115, College Algebra, 3 cr
MATH 2208, Fundamentals of Statistics, 4 cr

GOAL 5: HISTORY AND THE SOCIAL AND BEHAVIORIAL SCIENCES10 CR

PSYC 2618, General Psychology, 4 cr
PSYC 2626, Human Growth and Development, 3 cr
SOC 1614, Introduction to Sociology, 3 cr

GOAL 6: HUMANITIES - THE ARTS, LITERATURE AND PHILOSOPHY3 CR

PHIL 1135, Bioethics, 3 cr

II. ADDITIONAL MNSTATE REQUIREMENTS.....3 CREDITS

BIOL 1211, Principles of Nutrition, 3 cr

III. ELECTIVES (UNIVERSITY OF MINNESOTA ROCHESTER REQUIREMENTS).....10 CREDITS

HCOP 1610, Medical Terminology: Body Systems and Diseases, 2 cr
ENGL 1118, Reading and Writing Critically II, 4 cr
HLTH 1110, CPR/AED for the Professional Rescuer (Health Care Provider), 1 cr
PHYS 1103, Principles of Physics, 3 cr

TOTAL60 CREDITS

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PROGRAM OUTCOMES:

Upon completion of the Health Sciences Broad Field program at RCTC, students will achieve the following outcomes:

- Demonstrate an understanding of biological concepts and processes especially those related to the structure and function of the human body.
- Apply knowledge of social, psychological, and ethical theories to issues in the health sciences.
- Communicate effectively with diverse audiences through written, verbal, and nonverbal means.
- Utilize fundamental concepts of critical thinking and mathematical reasoning to solve problems.

ADDITIONAL NOTES:

PURPOSE: This general, introductory program in health sciences prepares individuals for transfer to a variety of baccalaureate degree programs. It includes instruction in the basic sciences and aspects of subject matter related to various health occupations.

Revised: 11/13/2018

Implementation: Spring 2019