LIFE SCIENCE EDUCATION LICENSURE PROGRAM

**ST OLAF COLLEGE EDUCATION DEPARTMENT**

## MIDDLE SCHOOL (5-8) LICENSURE REQUIREMENTS

**professional education requirements Course Credit**

\_\_\_\_ Education 231: Drugs and Alcohol 0.00

\_\_\_\_ Education 290: Educational Psychology 1.00

\_\_\_\_ Education 291: Standards and Technology 0.00

\_\_\_\_ Education 330: Principles of Education 1.00

\_\_\_\_ Education 364: Teaching of Science (Spring Sem) 1.00

\_\_\_\_ Education 372: Counseling and Communication in the Schools 0.50

\_\_\_\_ Education 374: Reading in the Content Area 0.50

\_\_\_\_ Education 375: Differentiated Instruction for Exceptional Learners 0.50

\_\_\_\_ Education 381: Senior Seminar 0.50

\_\_\_\_ Education 382: Human Relations Component 0.00

\_\_\_\_ Education 385: Human Issues in Education 0.50

\_\_\_\_ Education 389: Student Teaching 3.00

**One** Interim 1.00

\_\_\_\_ Education 170: Urban Schools and Communities (1.00)

\_\_\_\_ Education 378: Multicultural Education in Hawaii (1.00)

\_\_\_\_ Education 379: Urban Education Practicum and Seminar (1.00)

1. All Board of Teaching Standards embedded in the program must be passed.
2. Teacher candidates must pass the MTLE Basic Skills in Reading, Writing, and Mathematics

prior to student teaching.

1. Teacher candidates must pass the MTLE standardized competency exams in their Content Area

and in Pedagogy to be licensed.

1. Teacher candidates must also have a graduation major to be licensed.

## CORE REQUIREMENTS: TEACHERS OF ALL SCIENCES, Grades 5-8 Course Credit

**(BIOLOGY)**

\_\_\_\_ Biology 150: Evolutionary Foundations of Biodiversity 1.00

\_\_\_\_ Biology 227: Cell Biology 1.00

**(CHEMISTRY)**

**One** of the following two options: 1.00

\_\_\_\_ Chemistry 121: General Chemistry/Chemistry 123: Atomic & Molecular Structure

\_\_\_\_ Chemistry 125: Structural Chemistry and Equilibrium

**(EARTH/SPACE SCIENCES)**

\_\_\_\_ Physics 112: Introductory Astronomy 1.00

**One** of the following two courses: 1.00

\_\_\_\_ Physics 123: Geophysics: Perspectives on the Dynamic Earth

\_\_\_\_ Environmental Studies 245: Global Climate Change

**(PHYSICS)**

\_\_\_\_ Physics 124: Principles of Physics I 1.00

\_\_\_\_ Physics 125: Principles of Physics II 1.00

This document is intended to serve as an advising tool and is subject to change. It is important for students to meet with Education Faculty regularly to verify that they are satisfying all requirements for licensure.

Revised: 9/13