

**EDUCATION MAJOR: LIFE SCIENCE**  
**ST. OLAF COLLEGE EDUCATION DEPARTMENT**  
*(For Students Entering St. Olaf Fall 2022 and After)*

**Life Science Teacher Candidates Must:**

1. Meet all Professional Educator Licensing and Standards Board (PELSB) Pedagogy and Content Standards.
2. Have a major in Biology.

<b><u>PROFESSIONAL EDUCATION REQUIREMENTS</u></b>	<b><u>Course Credit</u></b>
____ Education 231: Understanding Substance Abuse	0.00
____ Education 295: Foundation of Education (Fall)	1.00
____ Education 330: Planning, Instruction and Assessment (Spring)	1.00
____ Education 330: Lab (Spring)	0.00
____ Education 340: Differentiating Instruction (Fall)	0.50
____ Education 381: Senior Seminar	0.50
____ Education 382: Human Relations Component	0.00
____ Education 389: Student Teaching	3.00

**One J-Term Course** 1.00

\_\_\_\_ Education 378: Multicultural Education in Hawaii (Offered in even years) **(OEP, PAR)**

\_\_\_\_ Education 379: Urban Education Practicum and Seminar **(OEP, PAR)**

\_\_\_\_ **One additional PAR** course to meet licensure standards 1.00

**LIFE SCIENCE (9-12) CONTENT AREA LICENSURE REQUIREMENTS**

____ Education 364: Teaching of Science 5-12* (Spring)	1.00
____ Education 374: Reading in the Content Area*	0.50
____ Biology 123: Human Biology* <b>(NTS)</b>	1.00
____ Biology 150: Evolutionary Foundations of Biodiversity* <b>(NTS)</b>	1.00
____ Biology 227: Cell Biology*	1.00
____ Biology 233: Intermediate Genetics*	1.00
____ Biology 261: Ecological Principles* <b>(NTS)</b>	1.00

**One of the following:** 1.00

\_\_\_\_ Chemistry 122: Introductory Chemistry **(NTS)**

\_\_\_\_ Chemistry 125: Structural Chemistry and Equilibrium **(NTS)**

**ADDITIONAL COURSES FOR THE BIOLOGY MAJOR**

____ Chemistry 126: Chemical Reactions	
____ Comparative Organismal Biology (242, 247, 248, 251, 252, 266, 275)	1.00
____ Biology 2XX: Elective	1.00
____ Biology 3XX: Elective	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 and with content faculty to ensure that major requirements are being met. All course substitutions must be documented on a Course Substitution Form and approved by the Director of Licensure.

*\* Indicates content courses in which Professional Educator Licensing and Standards Board (PELSB) Standards are embedded.*