

LIFE SCIENCES, GRADES 7-12 (INITIAL TEACHER LICENSURE)

<https://cps.unh.edu/online/academics/post-baccalaureate-teacher-licensure>

Description

This Post-Baccalaureate Program is for candidates interested in pursuing Life Sciences, Grades 7-12 teacher licensure. The Post-Baccalaureate Teacher Licensure program is designed for 21st Century Educators, providing an in-depth focus on the critical issues that are transforming the landscape of education - innovation, critical thinking, problem solving, and collaboration.

Requirements

Minimum GPA requirement of 3.0

Code	Title	Credits
Required Courses ¹		
<i>Introductory Level Education Courses</i>		
EDC 845	Natural Selection and Evolution	3
EDC 846	Life Sciences Across the Curriculum	3
EDC 847	Introductory Clinical Experiences in the Life Sciences	4
<i>Intermediate Level Education Courses</i>		
EDC 848	Structure and Function in Life Sciences	3
EDC 849	Matter and Energy in Organisms and Ecosystems	3
EDC 850	Teaching Life Sciences: Ecosystems-Interdependent Relationships	3
EDC 851	Intermediate Clinical Experiences in Life Sciences	4
<i>Advanced Level Education Courses</i>		
EDC 852	Teaching Life Sciences: Genetics-Inheritance and Variation of Traits	3
EDC 853	Math Across the Life Sciences	3
EDC 854	Advanced Clinical Experiences in Life Sciences	4
EDC 855	Culminating Experience for Life Science	2
Total Credits		35

¹ A minimum grade of B- is required in all Major coursework.

State Licensure Requirements

The following requirements must be completed in order to be recommended to the state for teacher licensure.

- **Basic Academic Skills Assessment (BASA): Pearson Essential Academic Skills or Praxis Core Academic Skills For Educators Exam** required. Passing BASA Exam scores or current NH teaching licensure must be submitted prior to completion of EDC 847A Introductory Clinical Experiences in the Life Sciences.
- **Licensure Exam - Pearson Biology exam** required. Students must attempt to pass exam prior to taking the Culminating Teaching Experience & Seminar. Passing exam scores are required for state licensure.

Degree Plan

This degree plan is a sample and does not reflect the impact of transfer credit or current course offerings. UNH CPS Online students should

develop individual academic plans with their academic advisor during their first semester at UNH.

Sample Course Sequence

First Year		Credits
Summer		
EDC 845	Natural Selection and Evolution	3
Credits		3
Fall		
EDC 846	Life Sciences Across the Curriculum	3
EDC 848	Structure and Function in Life Sciences	3
Credits		6
Spring		
EDC 849	Matter and Energy in Organisms and Ecosystems	3
EDC 850	Teaching Life Sciences: Ecosystems-Interdependent Relationships	3
EDC 852	Teaching Life Sciences: Genetics-Inheritance and Variation of Traits	3
Credits		9
Second Year		
Fall		
EDC 847	Introductory Clinical Experiences in the Life Sciences	4
EDC 851	Intermediate Clinical Experiences in Life Sciences	4
Credits		8
Spring		
EDC 854	Advanced Clinical Experiences in Life Sciences	4
EDC 855	Culminating Experience for Life Science	2
EDC 853	Math Across the Life Sciences	3
Credits		9
Total Credits		35

Student Learning Outcomes

Program Learning Outcomes

Students will:

- Be reflective and knowledgeable about learners and are able to employ instructional methods, strategies, and technologies to meet the needs of all students;
- Have a rich understanding of the subject/s that they teach;
- Employ best practices in the planning, delivery, and assessment of instruction to improve learning achievement of Pre-K-12 students.

Disclosures

Life Sciences, Grades 7-12 (Teacher Licensure)

Location/Delivery: College of Professional Studies [Online Program]

2 Life Sciences, Grades 7-12 (Initial Teacher Licensure)

This program is designed to prepare graduates for professional licensure/certification as follows:

Teacher Licensure

Life Sciences, Grades 7-12

*The University of New Hampshire has determined this program **meets** the educational requirements for licensure/certification in:*¹

Maine, Massachusetts, New Hampshire, Vermont

Additional information and related resources are available on the [Office of the Registrar's website](#).

¹ State specific post-education requirements are subject to change. Students are responsible for confirming these requirements in their state of residence and intended practice.