

Education Major [Life Science 7-12] (BA)

The Education Major prepares teacher candidates for teaching at the K-6, 7-12, and K-12 levels in specified content areas. This course of study combines a solid foundation in disciplinary content, coursework focusing on educational theory and pedagogy, and professional training and extensive field experience in partner school classrooms appropriate for the selected teaching emphasis. Students may prepare for licensure in the following licensure levels and content areas:

K-6 level (multidisciplinary – includes English language arts, mathematics, social studies, and science);

7-12 level in English, life science, mathematics, or social studies

K-12 level in health, physical education, and coaching; vocal and/or instrumental music

The major offers flexibility to teacher candidates in scheduling student teaching internships. One option allows candidates to complete the internship (EDU 495) across two semesters, with half-days spent in the placement classroom both semesters. Candidates may request an alternative full-day one-semester internship (EDU 496) provided that they have completed all other course requirements and have obtained approval from the major advisor and the Director of Teacher Education.

Candidates will be individually advised concerning their need for additional coursework in order to meet licensing requirements or to prepare for the Praxis II content knowledge exam(s). These courses may or may not be included in the required major.

Students pursuing a secondary or K-12 teaching license must complete the education requirements and the concurrent requirements for the teaching emphasis as listed below.

*** CHM 105 may be needed as a prerequisite to CHM 110 and may be taken as part of the core requirements; MTH 110 may also satisfy a core requirement.**

NOTE: To graduate with a Bachelor of Arts or Bachelor of Science degree from Lyon College, students must successfully complete a minimum of 120 semester credit hours comprised of our required Core curriculum (44-48 hours), the requirements of at least one major (credit hours vary per major), and a selection of our Liberal Arts electives. They must also earn at least a 2.00 cumulative grade point average for all work taken at Lyon College and a 2.00 cumulative grade point average in their major, minor, and concentration.

Summary of Requirements for a Major in Education [Teacher Education Program Core]

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Item #	Title	Credits
PSY 101	Introduction to Psychology	3
EDU 202	Overview of Teaching	3
EDU 325	Practicum I	1
EDU 326	Practicum II	1
EDU 328	Integrating Technology in the Classroom	3
EDU 335	Educating Diverse and Exceptional Learners	2
PSY 310	Child and Adolescent Development	3
PSY 339	Learning and Cognition	3
EDU 403	Integrating the Liberal Arts in the K-12 Classroom	3
	EDU 495 OR EDU 496	15

Life Science Emphasis Requirements: Grades 7-12

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Item #	Title	Credits
BIO 110	Principles of Biology I	4
BIO 112	Principles of Biology II	4
BIO 252	Genetics	4
BIO 304	Methods for Teaching Life Science in the Secondary School	3
BIO 340	Ecology	4
MTH 110	Elementary Functions	3
CHM 110	General Chemistry I	4
	Education [Life Science 7-12] - 12 credits required	12

CORE CURRICULUM

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Item #	Title	Credits
	Core Curriculum Requirements (In addition to Major hours)	44-48
	Total Credits	119-123

EDU 495 OR EDU 496

Item #	Title	Credits
EDU 495	Student Teaching Internship	7.5
EDU 496	Student Teaching Internship	15

Education [Life Science 7-12] - 12 credits required

12 credits at the 300 level or above