

**SPRINGFIELD COLLEGE GRADUATE LEVEL INITIAL LICENSURE PROGRAM
SUBJECT MATTER KNOWLEDGE TRANSCRIPT REVIEW
BIOLOGY**

Candidate's Name

Undergraduate Institution

_____/_____/_____
Date of Graduation

Undergraduate Major

G.P.A.

This form is to be used when reviewing candidates' transcripts who are seeking entrance into the Graduate Level Initial Teaching Licensure Program. The transcript review process allows Springfield College faculty the opportunity to determine whether the student meets the Massachusetts Department of Education subject matter knowledge requirements.

Note: A Childhood & Adolescent Development course is a prerequisite for all teacher licensure programs.
Students must pass all required MTEL tests to be eligible to do a practicum.

THE EFFECTIVE TEACHER OF BIOLOGY DEMONSTRATES KNOWLEDGE OF:

Subject Matter Knowledge	Documented Courses, Work Experience or Tests	Still needed
Biology of organisms, especially that of humans , including characteristics and classifications of organisms		
Cells and cell theory		
Ecology and evolutionary biology		
Matter and energy in ecosystems		
Genetics , including chromosome structure and function and inheritance		
Molecular biology		
Related aspects of chemistry, physics, earth science, and mathematics , such as statistics		
Engineering and technical applications of biology		
History and philosophy of science		
Methods of research in the sciences , including laboratory techniques and the use of computers		

Comments:

Education Department Advisor

Date: ____/____/____

Arts and Sciences Faculty Reviewer (if necessary)

Date: ____/____/____

Director, Educator Preparation & Licensure

Date: ____/____/____