

Department of Biology

Bachelor of Science in Education

Biology Second Field – Secondary Teaching (Option A)

I. General Information

Completion of this program will allow the candidate to become certified to teach biology secondary schools if the candidate has another teaching field in a discipline other than Biology.

Students must have a minimum grade point average of 2.50 for all biology courses on the major contract and a 2.75 in 36 hours specified by the university and pass the PPST.

II. Biology Requirements (36 hours)

<u>COURSES</u>	<u>HOURS</u>
GB 140-141..... Principles of Biology and Lab.....	4
MC 350-351..... Molecular & Cellular Biology and Lab.....	4
ZO 362-363..... Human Anatomy and Physiology.....	5
BO 212-213..... Biology of Plants and Lab.....	4
ZO 214-215..... Biology of Animals and Lab.....	4
MC 316-317..... Microbiology and Lab.....	4
GB 425..... General Genetics.....	3
GB 426..... General Genetics and Lab.....	1
EB 480..... Ecology.....	3
EB 481..... Field Ecology.....	2
GB 584..... Teaching Biology in the Middle and Secondary Schools.....	3
TOTAL	37

III. Physical Science requirements

<u>COURSE</u>	<u>HOURS</u>
CH 123-124..... Chemistry I and Lab.....	5

Biology web site: <http://biology.emporia.edu>