

FACULTY AGENDA ITEM

Date: **4/8/19**

Submitted by: John Mullican ext. 2077

SUBJECT: *Bachelor of Education, Biology Secondary Education*

Description:

Bachelor of Education

Biology Secondary Education

Student Learning Outcomes for the Biology Secondary Education Major:

Biology Secondary Education Majors with a Bachelor of Education degree, upon completion of the program will be able to:

- understand and explain the similarities and differences between how a variety of organisms live and grow.
- understand and explain how organisms interact with their environment
- understand and explain how genetic information is transmitted from one generation to the next and how genetic variation is lost or maintained.
- understand and explain evolutionary principles and processes and how they provide evidence that shows the relatedness of different species.
- incorporate core biological ideas, scientific and engineering practices, and crosscutting concepts into instruction.
- demonstrate an ability to create and manage environments that support learning.

The Bachelor of Education (B. Ed.) in Biology Secondary Education requires a minimum of 120 credit hours as fully outlined in the catalog.

Rationale: The current degree offered for students preparing for a career in Biology Secondary Education requires approximately 148 credits. This greatly exceeds Washburn University's goal to standardize the 120 credit hour requirement for all Bachelor's degrees. The B. Ed. in Biology Secondary Education will ensure that students earning the degree complete the same core curriculum as all other Education Majors. The degree plan reduces the number of credits in the other natural sciences but maintains a curriculum that ensures our students have the content knowledge that includes the major disciplines within biology and satisfies the KSDE standards.

Financial Implications: A modest increase in revenue (\$131,400 over 5 years) is expected assuming a conservative estimate of 1 new student each year during the initial 5 years.

Proposed Effective Date: Fall 2019

Request for Action: *Approval by AAC /FS/Gen Fac*

Approved by: *AAC on date*

Faculty Senate on date

Attachments Yes No