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| For Academic Affairs and Research Use Only |
| CIP Code:  |  |
| Degree Code: |  |

**Bulletin / Banner Change Transmittal Form**

**[X ] Undergraduate Curriculum Council**

**[ ] Graduate Council**

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Email completed proposals to curriculum@astate.edu for inclusion in curriculum committee agenda.

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| David F. Gilmore | 9/23/2019 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Travis D. Marsico | 9/24/2019 |

**Department Chair:**  |

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**Head of Unit (If applicable)**   |
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| John Hershberger | 9/25/2019 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| Anne A. Grippo | 10/4/2019 |

**College Dean** |

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**Graduate Curriculum Committee Chair** |
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**General Education Committee Chair (If applicable)**   |

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**Vice Chancellor for Academic Affairs** |

**1.Contact Person** (Name, Email Address, Phone Number)

Dr. Lorin Neuman-Lee lneumanlee@astate.edu

870-972-3111

**2.Proposed Change**

Increase BIO 4411 laboratory contact hours from 2 to 3

**3.Effective Date**

1/6/2020

**4.Justification –** *Please provide details as to why this change is necessary.*

Changes in content in the lecture course necessitate an extra hour of instruction in the lab.

**Bulletin Changes**

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| **Instructions**  |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Follow the following guidelines for indicating necessary changes.** **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.** - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)- New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font). - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)*You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon 🡪 , and selecting the text you would like to apply the change to.**Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

BIO 4403. Comparative Vertebrate Reproduction   This combined lecture and lab course surveys major events in the vertebrate reproductive cycles and patterns. Special course fees may apply. Prerequisites, BIO 3231 and BIO 3233, or BIO 3323 and 3321. Dual Listed BIO 5403. Fall even.

BIO 4411. Herpetology Laboratory    ~~Two~~ Three hours per week. Special course fees may apply. To be taken concurrently with BIO ~~4412~~ 4313. Spring, even.

~~BIO 4412. Herpetology   Collection, identification, classification, distribution, economic importance, and life histories of amphibians and reptiles, with emphasis on Arkansas species. Lecture two hours per week. Special course fees may apply. Prerequisites, BIO 1301 and 1303. Spring, even.~~

BIO 4413. Wildlife Program Internship Participation in a professional wildlife educational, management or research program activity. Internship is arranged by the student and may be a volunteer or paid position. Entails a minimum of 160 work hours. Special course fees may apply. Must be approved by advisor or chair. Fall, Spring, Summer.