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| For Academic Affairs and Research Use Only |
| Proposal Number | SM09 |
| CIP Code:  |  |
| Degree Code: |  |
|  2+2/MOUs: |  |

**Emphasis, Concentration, Option, or Minor Deletion Proposal 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.

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| Virginie Rolland | 2/28/2022 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Stephen J. Mullin | 3/1/2022 |

**Department Chair** |

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**Head of Unit (if applicable)**   |
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| John Hershberger | 3/16/2022 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| Lynn Boyd | 3/17/2022 |

**College Dean** |

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**Graduate Curriculum Committee Chair** |
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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**General Education Committee Chair (if applicable)**   |

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**Vice Chancellor for Academic Affairs** |

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

Travis D. Marsico; tmarsico@astate.edu; 8191

1. **Type of deletion request:**
2. [X] Emphasis
3. [ ] Concentration
4. [ ] Option
5. [ ]Minor
6. **Title of emphasis, concentration, option, or minor**

Bachelor of Science in Biology: Emphasis in Zoology

1. **Number of students still enrolled in emphasis, concentration, option, or minor:**

21

1. **How will students in the deleted emphasis, concentration, option, or minor be accommodated?**

Students in Emphasis in Zoology will be able to finish their emphasis area degree or have the option to switch to the newly configured Emphasis in Evolution, Ecology & Organismal Biology. Courses in this emphasis area will still be taught, as they service other majors and emphasis areas in the major.

1. **Last semester and year for graduation.**

Summer 2025

1. **Last semester for new admissions?**

Spring 2022

1. **When will written notification providing deletion information be sent to enrolled students? (In the notification, include semester and year of the last award and how student will be accommodated.)**

Upon approval of emphasis deletion, students will be notified that they can stay in their current emphasis or switch to the new emphasis in Evolution, Ecology & Organismal Biology which is a more flexible emphasis area with respect to upper-level elective course offerings.

1. **Provide documentation of written notification to students currently enrolled in emphasis, concentration, option, or minor.**

Sample notification:

Dear Student: The Department of Biological Sciences is undertaking efforts to streamline and modernize the degree tracks that are offered. Effective at the start of Fall 2022, there will no longer be the option to declare a BS-BIO major with emphasis in Zoology. This emphasis area will be replaced with an emphasis in Evolution, Ecology & Organismal Biology (EEOB). If you have already declared the BS-BIO major with Zoology emphasis, you will still be able to pursue it, and enroll in the classes required to complete this degree. None of the classes required for completion of BS-BIO-ZOOL are being removed from the department’s curriculum and many of them will validate elective options in the new BS-BIO-EEOB track. If you would prefer to graduate from A-State with a BS-BIO-EEOB degree, you are allowed to switch to the new catalog when this track takes effect. Be advised, however, that you should meet with your academic advisor to confirm that you can satisfy the requirements for this revised emphasis area without delaying the date of your graduation..

1. **Please provide a short justification for why this emphasis, concentration, option, or minor is being deleted.**

Biological Sciences has too great a complexity of emphasis areas with too low enrollment. Currently there are emphasis areas in Biology, Botany, Zoology, and Pre-Professional Studies. These four emphasis areas will be collapsed into 1) Evolution, Ecology & Organismal Biology and 2) Pre-Professional Studies by deleting Biology, Botany, and Zoology emphases and creating a new emphasis Evolution, Ecology & Organismal Biology. This combined with majors in Environmental Science, Biotechnology, and Wildlife, Fisheries, and Conservation provide a variety of supported majors and emphasis areas that meets student need and match faculty expertise.

**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. Please include a before (with changed areas highlighted) and after of all affected sections.** **\*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.**  |

Bulletin pages 416-417…before.

~~Major in Biological Sciences~~

**~~Bachelor of Science~~**

**~~Emphasis in Zoology~~**

~~A complete 8-semester degree plan is available at https://www.astate.edu/info/academics/degrees/~~

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| ~~University Requirements:~~  |
| ~~See University General Requirements for Baccalaureate degrees (p. 47)~~  |
| **~~First Year Making Connections Course:~~**  | **~~Sem. Hrs.~~**  |
| ~~BIO 1013, Making Connections - Biology~~  | **~~3~~**  |
| **~~General Education Requirements:~~**  | **~~Sem. Hrs.~~**  |
| ~~See General Education Curriculum for Baccalaureate degrees (p. 84)~~ **~~Students with this major must take the following:~~** *~~MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite~~* *~~CHEM 1013~~* ***~~AND~~*** *~~1011, General Chemistry I and Laboratory~~* *~~BIO 2013~~* ***~~AND~~*** *~~2011, Biology of the Cell and Laboratory~~* *~~COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)~~*  | **~~35~~**  |
| **~~Language Requirement:~~**  | **~~Sem. Hrs.~~**  |
| *~~A student must complete the foreign language requirements before being considered a Biological Sciences Major. (Refer to Department of Biological Sciences Foreign Language Requirement).~~*  |
| **~~Major Requirements:~~**  | **~~Sem. Hrs.~~**  |
| ~~BIO 1303~~ **~~AND~~** ~~1301, Biology of Animals and Laboratory~~  | ~~4~~  |
| ~~BIO 1503~~ **~~AND~~** ~~1501, Biology of Plants and Laboratory~~  | ~~4~~  |
| ~~BIO 3013~~ **~~AND~~** ~~3011, Genetics and Laboratory~~  | ~~4~~  |
| ~~BIO 3023, Principles of Ecology~~  | ~~3~~  |
| ~~BIO 4021, Biological Seminar~~  | ~~1~~  |
| ~~CHEM 1023~~ **~~AND~~** ~~1021, General Chemistry II and Laboratory~~  | ~~4~~  |
| ~~CHEM 3103~~ **~~AND~~** ~~3101, Organic Chemistry I and Laboratory~~  | ~~4~~  |
| ~~CHEM 3113~~ **~~AND~~** ~~3111, Organic Chemistry II and Laboratory~~  | ~~4~~  |
| ~~MATH 2194, Survey of Calculus~~ **~~OR~~** ~~MATH 2204, Calculus I~~  | ~~4~~  |
| ~~PHYS 2054, General Physics I~~  | ~~4~~  |
| ~~PHYS 2064, General Physics II~~  | ~~4~~  |
| **~~Sub-total~~**  | **~~40~~**  |
| **~~Emphasis Area (Zoology):~~**  | **~~Sem. Hrs.~~**  |
| ~~BIO 3302~~ **~~AND~~** ~~3312, Comparative Anatomy and Laboratory~~  | ~~4~~  |
| ~~BIO 3303~~ **~~AND~~** ~~3301, General Entomology and Laboratory~~ **~~OR~~** ~~BIO 3322~~ **~~AND~~** ~~3332, Invertebrate Zoology and Laboratory~~  | ~~4~~  |
| ~~BIO 4443~~ **~~AND~~** ~~4441, Comparative Animal Physiology and Laboratory~~  | ~~4~~  |
| ~~BIO 4332~~ **~~AND~~** ~~4342, Animal Histology and Laboratory~~  | ~~4~~  |
| ~~BIO 4343~~ **~~AND~~** ~~4341, Animal Embryology and Laboratory~~  | ~~4~~  |
| ~~STAT 3233, Applied Statistics I~~ **~~OR~~** ~~CHEM 4243, Biochemistry~~  | ~~3~~ |

**~~Major in Biological Sciences (cont.)~~**

**~~Bachelor of Science~~**

**~~Emphasis in Zoology~~**

~~A complete 8-semester degree plan is available at https://www.astate.edu/info/academics/degrees/~~

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| **~~Botany elective:~~** ~~BIO 3501~~ **~~AND~~** ~~BIO 3511, Wild Flowers of Arkansas and Laboratory.~~ ~~BIO 3542~~ **~~AND~~** ~~BIO 3541, Plant Pathology and Laboratory~~ ~~BIO 3553. Economic Botany~~ ~~BIO 4513. Plant Physiology~~ ~~BIO 4522~~ **~~AND~~** ~~BIO 4521, Wetland Plant Ecology and Laboratory~~ ~~BIO 4542~~ **~~AND~~** ~~BIO 4541, Mycology and Laboratory~~ ~~BIO 4552~~ **~~AND~~** ~~BIO 4551, Medical Mycology and Laboratory~~ ~~BIO 4704, Plant Systematics~~ ~~BIO 4714, Dendrology~~ *~~Other courses approved by advisor~~*  | ~~2-4~~  |
| ~~Biology electives (BIO prefix; consult advisor for appropriate course numbers)~~  | ~~5-7~~  |
| **~~Sub-total~~**  | **~~32~~**  |
| **~~Electives:~~**  | **~~Sem. Hrs.~~**  |
| ~~Electives (six hours must be upper-level)~~  | **~~10~~**  |
| **~~Total Required Hours:~~**  | **~~120~~**  |

Bulletin pages 417-418…after.

N/A. Pages will be deleted.