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**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 Gilmore | 4/14/2017 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Thomas Risch | 4/14/2017 |

**Department Chair:**  |

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**Head of Unit (If applicable)**   |
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| David F. Gilmore | 5/4/2017 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| John M. Pratte | 5/4/2017 |

**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)

David Gilmore, dgilmore@astate.edu, 972-3263

**2.Proposed Change**

Addition of MATH 2204 Calculus I as meeting the major mathematics requirement.

**3.Effective Date**

5/30/2017

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

MATH 2194 Survey of Calculus is the specified General Education math course required of students in the BSE Biology and BS Biotechnology degree programs. Although this course is recommended for our majors, many take MATH 2204 Calculus I. This is a suitable course, but the use of the course currently generates a lot of substitution forms. These changes to the Bulletin will allow our majors to get credit for either course. Because this is a General Education substitution, it will require approval of the General Education Committee.

**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.* |

**Major in General Science**

**Bachelor of Science in Education**

**Emphasis in Biology**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| **University Requirements:**  |
| See University General Requirements for Baccalaureate degrees (p. 42)  |
| **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 2194, Survey of Calculus OR MATH 2204, Calculus I**CHEM 1013* ***AND*** *1011, General Chemistry I and Laboratory* *BIO 2013* ***AND*** *2011, Biology of the Cell and Laboratory* *POSC 2103, Introduction to United States Government* *PSY 2013, Introduction to Psychology* *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)*  |

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**Major in Biotechnology**

**Bachelor of Science**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| **University Requirements:**  |
| See University General Requirements for Baccalaureate degrees (p. 42)  |
| **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 2194, Survey of Calculus OR MATH 2204, Calculus I**CHEM 1013 AND CHEM 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)*  |

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