

**Biology Content Mastery**

**Evidence of Content Mastery for Requested Authorization Level and/or Endorsement Area**

Authorization Level: High School

The Standard/Outcomes matrix is based on the following State and/or National Standards:

National Science Teacher Association

 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_

\*\* **3.0 accumulative GPA preferred** on all coursework used to fulfill the 49 credits of content mastery requirements. All content mastery courses must be taken on the A-F grading basis; **no courses can earn P/N or S/U. No grades below C-**

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| **Standard/Outcome** | **OSU courses that** **satisfy standard** | **Course** | **Credits** | **Term** | **Grade** |
| **WIC course choose one:** | **BI** 306, BI 317, BI 371 |  |  |  |  |
| **Standard 1:** Biology Sequence**12 Credits** | **BI** 211, 212, 213 |  |  |  |  |
| **Standard 2:** Chemistry Sequence**15 Credits** | **CH** 231, 232, 233 with labs or**CH** 261, 262, 263 |  |  |  |  |
| **Standard 3:** Physics Sequence**10 Credits** | **PH** 201, 202 |  |  |  |  |
| **Standard 4:** Other Life Science Disciplines. *Choose* ***9 credits*** *of upper-division courses from more than one area:*EcologyZoologyBotanyEvolutionMicrobiologyOceanographyGeneticsAnatomy & PhysiologyHistory of SciencePhilosophy of Science |  |  |  |  |  |
| **Standard 5:** Science Education**3 credits** | **SED** 413 (Secondary Section) |  |  |  |  |



If you have questions about this form or the Biology endorsement, please contact College of Education Student Services, 104 Furman Hall, 541 737-4661.