

**Biology Content Mastery**

**Double Degree and Master of Science**

The purpose of this form is to demonstrate competence in the above field. Complete this form digitally and submit with your application. Students are required to complete at least 49 credits of content mastery courses and at least 9 elective credits within their career area (degree).

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

A cumulative 3.0 GPA is preferred on all required courses. All content mastery courses must be taken on an A-F basis; no P/N or S/U grades accepted for content mastery courses. Grades below C- are not accepted.

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| **Standard/Outcome** | **Examples of OSU courses that satisfy standard** | **Course Designator & Number** | **Credits** | **Term/Year** | **Grade** |
| **Standard 1:** Biology Sequence  **12 credits** | BI 211\*, 212\*, 213\* |  |  |  |  |
| **Standard 2:** Chemistry Sequence  **15 credits** | CH 231\*/261\*, 232\*/262\*, 233\*/263\* |  |  |  |  |
| **Standard 3:** Physics Sequence  **10 credits** | PH 201\*, 202\* |  |  |  |  |
| **Standard 4:**Other Life Science Disciplines\*\*  **9 credits** | **Choose 9 credits of upper-division courses in more than one area\*\*:**  Anatomy & Physiology  Botany  Cell & Molecular Biology  Ecology  Evolution  Genetics  Microbiology  Suggested courses:  ANS 380, 390  BB 314  BI 311, 370, 445  MB 302, 303  Z 371/372, 422, 431 |  |  |  |  |
| **Standard 5.** Science Education  **DD students: 3 credits**  **MS students: 6 credits** | **DD students:** SED 413(Secondary Section)  **MS students:** SED 412 **AND** SED 413 (Secondary Section) **OR** SED 416 |  |  |  |  |

\*Meets Baccalaureate Core Requirement

\*\*The upper-division coursework in Standard 4 must include at least one laboratory-based course.

Note: 1 Semester hour = 1 ½ Quarter hours

If you have questions about this form, please contact Carol McKiel, 541-737-1546.