

**Chemistry Content Mastery**

**Double Degree or 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 53 credits of content mastery courses.

**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: Physics Sequence  15 credits | PH 201\*, 202\*, 203\*  **OR**  PH 211\*/221, 212\*/222, 213\*/223 |  |  |  |  |
| Standard 2: Chemistry Sequence  15 credits | CH 231\*/261\*, 232\*/262\*, 233\*/263\*  **OR**  CH 231\*/271\*, 232\*/272\*, 233\*/273\* |  |  |  |  |
| Standards 3: Analytical Chemistry  4+ credits | CH 324  **OR**  CH 421, 422 |  |  |  |  |
| Standard 4: Biochemistry or Physical Chemistry Sequence  9+ credits | **Select one series:**  BB 450, 451 **AND** CH 324 **OR** CH 440  BB 490, 491, 492  CH 440, 441, 442 |  |  |  |  |
| Standard 5: Organic Chemistry Sequence  12+ credits | CH 331, 332, 337  **OR**  CH 334, 335, 336 |  |  |  |  |
| Standard 6. Science Education  DD students: 3 credits  MS students: 6 credits | DD students: SED 413(Secondary Section)  **OR**  MS students: SED 412 **AND** SED 413 (Secondary Section) **OR** SED 416 |  |  |  |  |

\*Meets Baccalaureate Core Requirement

Note: 1 Semester hour = 1 ½ Quarter hours

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