

**Foundational Mathematics Content Mastery**

**Double Degree and Masters of Science**

**Name:**   **Date:**

The purpose of this form is to demonstrate competence in Middle School Mathematics. Students are required to complete at least **33 credits** of content mastery courses. To complete the form, list courses taken; include the planned terms for courses not taken. A University Honors course can be substituted for the corresponding course. If you have questions how the courses fit within your major, please contact your program advisor. Submit the completed form with your application.

The suggested courses help students prepare for the NES *Middle Grades Mathematics* exam required for a teaching endorsement in Middle School Mathematics. Here is a link to the [NES exam overview.](http://www.orela.nesinc.com/TestView.aspx?f=HTML_FRAG/NT203_Profile.html)

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.

If you have questions about this form, please contact Carol McKiel at carol.mckiel@oregonstate.edu

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| **Content** | **OSU Courses** | **Course Designator & Number** | **Credits** | **Term/Year** | **Grade** |
| **Algebra/Trigonometry****4 credits** | MTH 112\* |  |  |  |  |
| **Calculus****4 credits** | MTH 241\* **or** MTH 251\* |  |  |  |  |
| **Foundations of Elementary Mathematics:** Arithmetic, Algebra, Geometry, and Problem Solving**12 credits** | MTH 211\*, MTH 212 and MTH 390 |  |  |  |  |
| **Statistics and Probability****4 credits** | ST 201 **or** ST 351 |  |  |  |  |
| **Math Electives****6 credits minimum** | **Select a min. of 6 credits from the following courses:** MTH 245\*, 252, 341 **or** Any ST (Statistics) course |  |  |  |  |
| **Mathematics Education****3 credits** | SED 414 (Elementary or Secondary section)(or for MS students, take SED516 during the program) |  |  |  |  |

\*Meets Baccalaureate Core Requirement