## Curriculum and Instruction, MA with Mathematics Concentration

**Coursework Plan 2015-2016**

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ STUDENT #\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Please discuss with your advisor the course plan most appropriate for your schedule. Students must maintain a grade-point average of 3.0 or better. Grades below “C” will not be counted toward the degree.*

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| --- | --- | --- | --- |
|  | **Course Number** | **Credit Hours** | **Expected Term of Completion** |
| **MATHEMATICS EDUCATION** (33 credits) |  |  |  |
| History and Philosophy in Mathematics Education | CUI 4600 | 3 |  |
| Learning and Teaching of Mathematics | CUI 4610 | 3 |  |
| Learning Mathematics: Early Childhood | CUI 4630 | 3 |  |
| Improving Elementary Math Instruction | CUI 4640 | 3 |  |
| Discourse in the Mathematics Classroom | CUI 4720 | 3 |  |
| Mathematics and Instructional Technology | CUI 4730 | 3 |  |
| Research on Diversity, Equity, and Social Justice in Mathematics Education | CUI 4620 | 3 |  |
| Seminar on Race in Mathematics Education | CUI 4790 | 3 |  |
| Foundations of Education: Cognitive Theory I | CUI 4700 | 3 |  |
| Foundations of Education: Cognitive Theory II | CUI 4710 | 3 |  |
| Policy and Mathematics Education | CUI 4740 | 3 |  |
| **CURRICULUM** (6 credits) |  |  |  |
| Introduction to Curriculum | CUI 4020 | 3 |  |
| Models of Curriculum | CUI 4021 | 3 |  |
| **RESEARCH AND INQUIRY** (6 credits) |  |  |  |
| Education Research & Measurement | RMS 4900 | 6 |  |
| **TOTAL CREDITS** |  | 45 |  |

**SUMMARY CREDITS COMPLETED**

|  |  |  |
| --- | --- | --- |
| Mathematics Education | 33 |  |
| Curriculum | 6 |  |
| Research and Inquiry | 6 |  |
| **MINIMUM TOTAL CREDITS** | **45** |  |

*In addition, a final comprehensive paper is to be submitted to the advisor (and passed) during the last quarter of study.*

Student’s Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Advisor’s Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cognate Advisor’s Signature (*if applicable*) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_