## Timeline for the K-8 Mathematics Education Specialization within CIEDD

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<th>Year 1</th>
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| **Fall** | **MAE 7805 Policies, Practices, and Structures in K-8 Mathematics Education**  
**MAE 7817 Content Knowledge for Teaching K-8 Mathematics I** |
| **Spring** | **EDP 7517 Facilitating Learning, Development & Motivation**  
**EDF 7457 Data, Assessment & Accountability**  
**MAE 7930 Seminar in K-8 Mathematics Education (2 credits)** |
| **Summer** | **EDA 7101 Organizational Theory in Education**  
**EDF 7494 Identifying Complex Problems of Practice** |

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<th>Year 2</th>
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| **Fall** | **MAE 7804 Content Knowledge for Teaching K-8 Mathematics II**  
**MAE 7367 Instructional Coaching in K-8 Mathematics**  
**Milestone 1:** Gap analysis paper – approved by program faculty - Due last Friday in January. |
| **Spring** | **EDF 7478 Analysis of Complex Problems of Practice**  
**Research Elective: choose one of: EDG 6285, EDF 7403, EDF 7463, EDF 7475 or research elective approved by program**  
**MAE 7930 Seminar in K-8 Mathematics Education (1 credit)**  
**Milestone 2:** Dissertation prospectus, Annotated Bibliography, Initial Committee - Due first Friday in May. |
| **Summer** | **IDS 7500 Research Seminar**  
**MAE 7819 Professional Leadership in K-8 Mathematics**  
**Milestone 3:** Dissertation Committee approval of prospectus and annotated bibliography - Due in June.  
Mandatory Summer Year 2 Webcourse |

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<th>Year 3</th>
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<td><strong>Dissertation in Practice 18 hours</strong></td>
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Mathematics Education courses are designated in bold text.