**Elementary Masters**

**STEM (Blended)**

*Course Planning Document reflects the most likely scheduling.*

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| Student Name |  |
| NU ID |  |

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| **Date Completed** | **Task** |
|  | Figure out your *Plan of Study*. Meet with your advisor.   * Mockup your plan by highlighting the semester you’ll take each course **and** your course selections. |
|  | Meet with your advisor to finalize your *Plan of Study* after 12 Credit Hours.   * Any changes to this signed plan of study must be approved by your advisor and the TED Graduate Program Chair. |
|  | Must take a diversity course within the first 18 Credit Hours. |
|  | Update your grade sheet by entering the grades for the classes you have taken. Do this when you reach your final 6 credit hours. |
|  | Apply for graduation during your last class. |

* 820 (e.g., 821, 822, etc.) – “Online instruction” typically refers to instructors and students meeting synchronously using digital technology (eg: Zoom) at the scheduled times throughout the semester. Typically, there are four synchronous virtual meetings. Please see the notes in the class search for virtual meeting dates and times.
* 860 (e.g., 861,862, etc.) – “Hybrid instruction” refers to a mix of in-person instruction and online instruction, with reduced contact time on campus. Class meets 4 times face-to-face. Please see the notes in the class search for virtual meeting dates and times.
* **Diversity course must be taken within the first 12 credit hours**
* **Data-Driven Decision Making (TED 8050) or Intro to Research (TED8010) should be taken the semester before capstone or within the last 9 hours.**
* **Capstone must be taken with 6 or fewer credit hours remaining**

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| **Required Classes** | |  | **Fall** | **Spring** | **Summer** | **Year** | **Grade** |
| TED 8700 | Elementary Education Capstone   * Exit Requirement – Must receive a B or better. Capstone must be taken with 6 or less credit hours remaining. | 3 | hybrid | hybrid |  |  |  |
| **Research Course** (select one class below)  This class should be taken the semester before capstone  or within the last 9 hours. | |  |  |  |  |  |  |
| TED 8010 | Introduction to Research | 3 | online | online | online |  |  |
| TED 8050 | Data-Driven Decision Making | 3 | online | online | online |  |  |
| **Diversity Course** (Select one class below) | |  |  |  |  |  |  |
| TED 8130 | Language, Culture, Power | 3 | hybrid |  | online |  |  |
| TED 8150 | Anti-Racism Education: Principles and Practices | 3 | hybrid |  |  |  |  |
| TED 8160 | Multilingual Strategies For PK-12 Educators | 3 | online | hybrid |  |  |  |
| TED 8180 | Culturally Responsive Teaching | 3 | online | online |  |  |  |
| TED 8210 | Principles of Multicultural Education | 3 |  |  | online |  |  |
| TED 8280 | Intro to Human Rights in PK-12 Education | 3 |  | hybrid |  |  |  |
| TED 8290 | Trauma Informed Education | 3 | online |  |  |  |  |
| TED 9200 | Critical Pedagogy: Teaching for Social Justice | 3 | TBD | TBD | TBD |  |  |
| **Technology Course** (Select one class below) | |  |  |  |  |  |  |
| TED 8540 | Digital Citizenship | 3 | online | online | online |  |  |
| TED 8550 | Technology for Creative and Critical Thinking | 3 | online | online |  |  |  |
| TED 8560 | Technology for Diverse Learners | 3 | online | online |  |  |  |
| TED 8580 | Online Teaching and Learning | 3 |  |  | online |  |  |
| TED 8590 | Teaching and Learning in Digital Environments | 3 | online |  | online |  |  |
| **Concentration Courses** | |  |  |  |  |  |  |
| TED 8420 | Trends & Teaching Strategies in Science Education | 3 |  |  | hybrid |  |  |
| TED 8530 | Instructional Design Strategies in STEAM Education | 3 |  | hybrid |  |  |  |
| TED 8720 | Instructional Coaching | 3 |  | online |  |  |  |
| TED 8370 | Data Visualization and Modeling for Educators | 3 | online |  |  |  |  |
| **Concentration Course** (Select one class below) | |  |  |  |  |  |  |
| TED 8860 | Invention Innovation Engineering Education | 3 |  | hybrid |  |  |  |
| TED 8840 | Engineering Education Externship | 3 |  |  | hybrid |  |  |
| **Concentration Course** (Select one class below) | |  |  |  |  |  |  |
| TED 8640 | Science Trends for PK-12 Teachers: Open Educational Resources | 3 |  |  | online |  |  |
| TED 8810 | Early Childhood Education STEM Curriculum and Research | 3 | TBD | TBD | TBD |  |  |
| **Electives** | |  |  |  |  |  |  |
| ELECTIVE |  | 3 |  |  |  |  |  |
| ELECTIVE |  | 3 |  |  |  |  |  |
| **Total Credits** |  | **36** |  |  |  |  |  |

**Transfer Credit**: (Official transcript for completed hours must be on file with the Office of Graduate Studies before plan of study is approved. Up to 12 credit hours may be transferred.)

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| **Course No.** | **Course Title & Institution** | **Grade** | **Hours** | **Semester** |
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Name:

NUID:

Address:

City, State, Zip:

Email:

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| **Program** | **Concentration** | **Endorsement** |
| Elementary Master’s | * Science, Technology, Engineering and Mathematics (STEM) |  |

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| **Student** |  | **Date** |  |  | **Graduate Program Chair** |  | **Date** |

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| **Advisor** |  | **Date** |  |  |