**MASTERS PLAN OF STUDY – WITH THESIS**

**Program of Work (POW)**

STEM EDUCATION

COLLEGE OF EDUCATION

(UPDATED Summer 2017)

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Name of Student EID

Students should keep paper or electronic copies of this form, and bring it with them every semester for advising with either their Faculty Mentor or the STEM Education Graduate Advisor. *Note that only 9 hrs (3 classes) on the Program of Work can be taken at the advanced undergraduate level. All other classes must be at the graduate level (as indicated by an 8 or 9 as the second digit in the course number).*

Course Semester Unique# Instructor

# Core Courses (12 hours)

STM 385 Knowing & Learning in STEM Ed \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| STM 386 Curriculum History & Development |  |
| in STEM Ed    ***TWO of the following:*** | \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| STM 390-1 Equity in STEM Ed | \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| STM 390-2 Research on Teaching & Teacher  Development in STEM Ed | \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| STM 390-3 Systemic Reform in STEM Ed | \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

# Content courses in the College of Natural Sciences (Biology, Math, Physics, Statistics, etc), School of Engineering, or School of Geosciences: (9 hours)

Course Semester Unique# Instructor

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# Research Methods (6 hours)

Course Semester Unique# Instructor

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# Supporting Work (3 hours)

For example, Mathematics, Science, Cultural Studies In Education, Bilingual Education, Sociology, etc.

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| **Thesis (6 hours)** |  |
| STM 698A (this course 3 credit hours) |  | \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| STM 698B (this course 3 credit hours) |  | \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Have you selected your readers? |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1st Reader) |
|  |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (2nd Reader) |