

Teaching and Learning, MS

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Teaching and Learning, MS

STEM Education Subprogram

| Course | Title | Hours |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------|
| Academic Career | | |
| Any Semester | | |
| 36 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^{a, b} | | |
| Graduate College program GPA of at least 2.75 is required. ^c | | |
| Hours | | 0 |
| First Year | | |
| Fall | | |
| EDTL:6563 | STEM Through Mathematical Modeling | 3 |
| EDTL:6761 | STEM Research and Leadership Seminar | 3 |
| | Science/mathematics course ^d | 3 |
| | Science/mathematics course ^d | 3 |
| Hours | | 12 |
| Spring | | |
| EDTL:6762 | STEM Experiential Learning | 3 |
| EDTL:6764 | STEM Extracurricular Experience and Capstone | 6 |
| Hours | | 9 |
| Second Year | | |
| Fall | | |
| EDTL:5095 | Issues in U.S. Schools | 3 |
| EDTL:6765 | STEM Independent Research ^e | 3 |
| | Elective course ^f | 3 |
| Hours | | 9 |
| Spring | | |
| EDTL:6765 | STEM Independent Research ^e | 3 |
| | Elective course ^f | 3 |
| Hours | | 6 |
| Total Hours | | 36 |

a The MS non-thesis in STEM Education is not a licensure program. Students may pursue K-12 STEM Education Specialist Endorsement upon admission to the program; see the General Catalog and the College of Education website for specifics.

b Students must complete specific requirements in the University of Iowa Graduate College after program

admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

c Graduate College program GPA is comprised of all courses that are approved degree requirements. If a student takes more than the minimum required number of semester hours to complete the degree, but all courses taken are eligible to count toward the degree, those courses will be included in the Graduate College program GPA.

d Choose from EDTL:4565, EDTL:4768, EDTL:6766, EDTL:6767.

e Taken twice for a total of 6 s.h.

f See the General Catalog for list of approved courses.