

Name:

Student ID:

MASTER OF SCIENCE IN TEACHING PROGRAM REQUIREMENTS

CORE REQUIREMENTS:

- Two graduate level teaching methods courses integrating content, research findings, and pedagogy (**SMT 501-506**) **6 credits**
**Note: students should take the two courses in their concentration. Students in the generalist concentration can take any two courses. Students seeking initial certification in life or physical sciences should take the earth science or physics courses, as the state will not count the mathematics courses.*
 - SMT 586** – Seminar in Secondary STEM Teaching **1 credit**
 - SMT 587** – Seminar in Secondary STEM Teaching (Field experience) **1 credit**
 - SMT 588** – Seminar in Science and Mathematics Education Research **1 credit**
 - SMT 500** – Educational Psychology with Applications to Science and Mathematics Teaching and Learning..... **3 credits**
 - EHD 573** – Statistical Methods in Education I **3 credits**
 - INT 601** – Responsible Conduct of Research **1 credit**
 - A Master’s thesis on a topic in science or mathematics education research..... **5 credits**
 - Supervised practice as a teaching assistant for two semester-long courses
- TOTAL: 21 Credits**

ADDITIONAL REQUIREMENTS:

For students seeking initial teacher certification:

- SED 500** – Adapting Instruction for Students with Disabilities **3 credits**
- One additional **400-600 level course** to strengthen content or pedagogy **3 credits**
- SMT 591** – Secondary Student Teaching **5 credits**
- SMT 590** – Seminar for Teaching Interns **1 credit**
- A documented experience working with students from groups under-represented in science and mathematics

For students NOT seeking certification:

- Twelve additional credits of content-rich courses..... **12 credits**
- TOTAL: 12 Credits**

OVERALL TOTAL = 33 CREDITS