

MASTER OF SCIENCE IN TEACHING PROGRAM REQUIREMENTS

CORE REQUIREMENTS:

- Two** graduate level teaching methods courses integrating content, research findings, and pedagogy (**SMT 501-507**) 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 ones.
- SMT 588** – Seminar in Science and Mathematics Educational 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 for 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: 19 Credits

ADDITIONAL REQUIREMENTS:

For students seeking initial teacher certification

- SED 402 or SED 500** 6 credits
- One additional 400-600 level course to strengthen content or pedagogy..... 3 credits
- SMT 591** – Secondary Student Teaching 3 credits
- SMT 590** – Seminar for Teaching Interns 3 credits
- A documented experience working with students from groups under-represented in science and mathematics

For students NOT seeking certification

- Twelve additional credits to strengthen content or pedagogy..... 12 credits

TOTAL: 12 Credits

OVERALL TOTAL = 31 CREDITS