MSSST is a cohort-based M.S. program for current secondary science teachers. Through rigorous coursework, targeted professional development, and a capstone summer research experience, participating teachers engage in science and engineering practices and build in-depth content knowledge, pedagogical techniques, and leadership skills.

The University of Utah MSSST 2020-2022 Earth Science cohort program of study aligns with Utah SEEd Standards Grades 6-8, secondary Earth Systems, and AP/Environmental Science.

Program Structure: ≈34 credits, 2.5 years (June 2020 - December 2022)

- 2 to 3 intensive (all day) courses in Summers 2020 and 2021
- 1 evening course per term in academic years 2020-2021 and 2021-2022
- Ongoing translation-to-practice professional development seminars
- 8-10 week, 320 hour summer research experience Summer 2022
- Project presentation and paper Fall 2022

Benefits to teachers in the Earth Science cohort include:

- MS degree in Earth Science with an emphasis in Teaching
- Coursework in chemistry, geology, geophysics, ecology, astronomy, and atmospheric science
- Evening/Summer class schedules designed specifically for teachers
- Lab and field-based research opportunities
- Reduced and/or highly subsidized tuition rates (tuition from 0-$10,000, determined by the time interviews occur in April)
- Coursework aligns with endorsement criteria for Earth Science, Physical Science, and Environmental Science endorsements for teachers with USBE-approved prerequisites

Requirements for Applicants: *NO GRE required

- hold a STEM BS degree (NOT for current Earth/Physical Science Physical endorsed teachers)
- currently licensed and teaching in a k-12 STEM classroom in Utah
- three years K-12 teaching experience (exceptions may apply – please inquire)
- completed an undergraduate course in both General Chemistry and Physics

Applications due March 1st, 2020: [https://app.applyyourself.com/?id=utahgrad](https://app.applyyourself.com/?id=utahgrad)
Select drop-down option ‘Science Program Secondary School Teachers MS,’ emphasis area = ‘Earth Science.’

Contact mssst@csme.utah.edu for more information. csme.utah.edu/mssst/