



- ✓ Interested in a practical classroom-based STEM methods course to build standards-based, authentic classroom resources that truly integrate the STEM disciplines in grades P12?
- ✓ Interested in a methods course that builds knowledge aligned with the Common Core Mathematics Standards and New Generation Science Standards?
- ✓ Interested a flexible, accessible online course with the atmosphere of a supportive, virtual learning community?

NEW COURSE

EDUC 797/897

STEM

EDUCATIONAL

FOUNDATIONS

A foundational course in STEM education where students build integrated, unified specialized content knowledge and pedagogical strategies and create key authentic classroom resources related to the STEM disciplines. We will examine the history of the STEM Education within the larger context of STEM educational reform, including past and current relationships among educational policies, models of systemic change, and STEM constituents and organizations. Critical issues in STEM education will be discussed including the role of ethnoSTEM in authentic learning experiences, the use of inquiry in problem-based learning and the ongoing issue of underrepresented groups in the STEM Pipeline. The course will be taught online and the instructor will coordinate two school-based visits to support classroom work.

New Spring Education Course!

EDUC 797/897

**STEM
Educational
Foundations**

**Open to practicing
and future
educators P16+**

2 Credits

Jan. 22 – March 18
**Online with two school-
based support visits from
the course Instructor**

Learn more

www.unh.edu/education

Contact

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For additional information