

2019 Summer Offerings in Science Education

Summer 1: May 7-June 18 (5:30-8:30) LF 255

**EDUC S 518 Advanced Study of Teaching Secondary
Science. (3 credits) #14354**

Teaching science should be a multicultural experience. We will connect science and mathematics to history, art, and music as a common theme this summer to design inclusive science and mathematics instruction in an activity based course. Each meeting you will be engaged in a cultural study and STEAM experience. Included will include outstanding leaders, and innovators from diverse cultures.

Undergrads can take this as: EDUC Q 490 Research in Secondary Education on demand.

Summer 2: *Online Offering.*

June 26, 2019-August 4, 2019

EDUC Q 540 Teaching Environmental Education

(3 Credits) Section 14583

EDUC-Q 540 Teaching Environmental Education (3 cr.) For elementary and secondary teachers. Basic principles of environmental/ conservation education stressed in grades K-12. Methods and techniques for integrating these principles into existing curricula.

Designed for the development and evaluation of new interdisciplinary teaching materials and the integration of contextual knowledge. The effect of colonialism and imperialism on aboriginal ecosystems is the topic.

Contact Dr. Hollenbeck@ jehollen@ius.edu or 247 Life Science.