

Nebraska Math & Science Summer Institutes (NMSSI) &
Department of Earth and Atmospheric Sciences

UNIVERSITY OF NEBRASKA-LINCOLN

GEOS 898: METHODS in GEOSCIENCE FIELD INSTRUCTION

Section 592 Class #9420 3 graduate credits Summer Sessions first 5 week 7th to 22nd June 2018

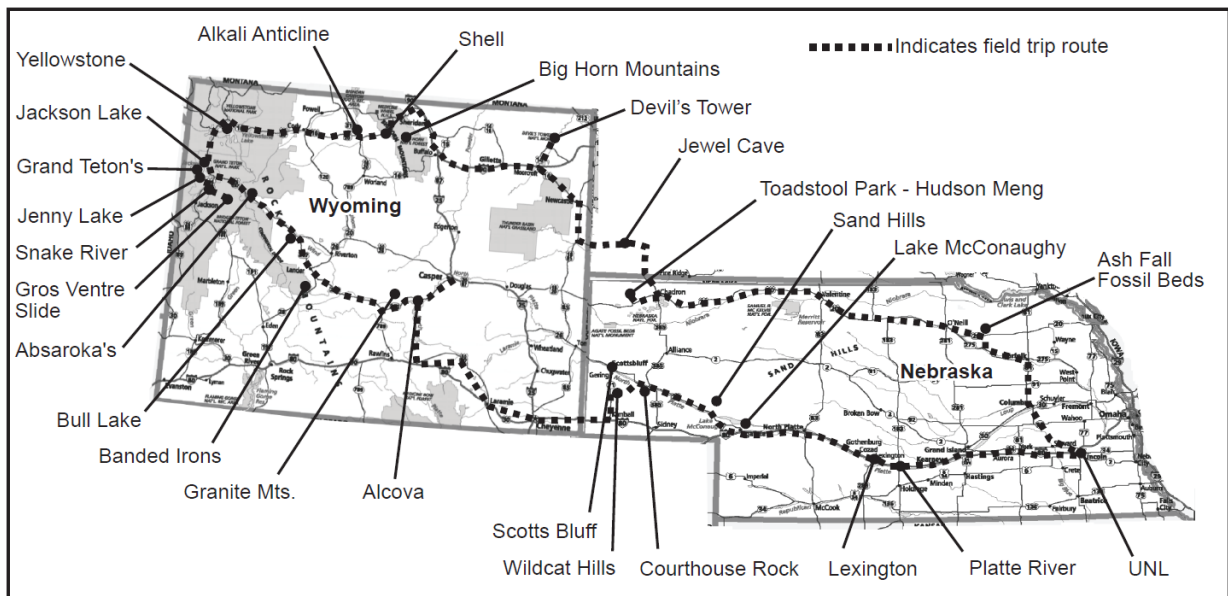


This course, directed toward in-service teachers, comprises a 16-day inquiry-based field course and science-immersion discovery experience in Wyoming, Nebraska and South Dakota. The primary aims of this course are to improve educators' ability to teach inquiry, gain knowledge and understanding of geoscience, and to demonstrate effective teaching methods that teachers can integrate into K-12 science learning environments.

What recent participants said:

*"I have never learned or done so much in 2 weeks ever in my life." "I felt like I was on 'Survivor', and I was succeeding."
"I'm inspired to continually bring up opportunities for wonder in my students." "This is truly the best course I have ever taken."
"I learned more about geology, myself, others, life, inquiry, etc. than I ever have or could have in one year." "Awesome trip!"
"We grew into a team that worked together & supported each other." "The food was excellent! they should write a cookbook."*

Goals: To enhance the 'geoscience experience' for in-service science educators and their future students;
To demonstrate inquiry concepts and skills that K-12 educators are expected to understand and employ;
To inspire science educators to use inquiry and geoscience as unifying themes in their teaching activities;
To provide all participants with a 'tool-kit' of effective inquiry-based teaching practices in all science fields.



Details: All costs for food, accommodation & transport are provided at no cost. You get a fantastic trip, 3 graduate credits, and an amazing exposure to geoscience & inquiry. A 20% tuition reduction & \$300 scholarship are available from NMSSI and the Department of Earth & Atmospheric Sciences to support your tuition. Your costs will be only ~\$500, or \$32/day.

Watch: Two short videos that describe the course and hear how teachers benefitted from this engaging experience.

<https://www.youtube.com/watch?v=pm3IPNPEaCA>

https://www.youtube.com/watch?v=tul0I8X0_Hl

Visit: <http://scimath.unl.edu/nmssi/> for more information, and contact Dr. David Harwood dharwood1@unl.edu