

SciencePlus

Improving Science Education through Professional Development and Research

Summer 2011

90% Reduced Tuition Graduate Courses for 4th-12th Grade Teachers of Science

Join fellow teachers and six BYU professors with expertise in science education, educational technology, geology, and biology for an integrated course in content and pedagogy.

You have three exciting courses from which to choose!

ELED 515R or ScED 515R Special Topics:

Learning & Teaching Through Science Inquiry: The Colorado Plateau
OR

Learning & Teaching Through Science Inquiry: The Great Basin
OR

Learning & Teaching Through Science Inquiry: Monte L. Bean Museum Internship



Two spring sessions—May 7th and May 21st (Attendance at both is required.)
Summer Experience Choices—

- Great Basin —June 13-18 (Shared air-conditioned motel rooms at locations across the Great Basin.)
- Colorado Plateau—June 20-25. (Shared air-conditioned motel rooms at locations across the Colorado Plateau.)
- Museum Internship—TBA

Three fall sessions—Sept 10th, October 15th, and December 3rd. (Attendance at all 3 is required.)

Information:

- Must have a minimum of one year of classroom teaching experience.
- Each course is 3 graduate credits. (You may sign up for only one course per summer.) Registration through BYU Continuing Education is required. Reduced tuition is \$90
- Teachers receive a \$400 stipend at the successful completion of the course.
- We pay travel expenses for the field excursions and provide books and other materials.
- Participants are responsible for their own meals and incidental expenses on the field expedition.

Highlights:

- Spring sessions will prepare you for the summer experience.
- For the field courses, you will work in small groups facilitated by professors to complete daily research tasks using the three modes of inquiry that will enhance your science content knowledge and prepare you for classroom inquiry teaching.
- For the museum internship, you will work with museum curators and staff to develop inquiry activities that will become a permanent part of the educational outreach programs.
- Fall sessions will focus on developing, teaching, and reflecting on two lessons that will engage your students in the process of full science inquiry.

Enrollment is limited to 25 educators per course. We encourage school teams of three or more applicants as well as individual applicants to apply. Participants will be asked to contribute to our ongoing research by completing several questionnaires, and focus group interviews. For more information and the application form, please visit our web site: scienceplus.byu.edu or email

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Applications due by April 15, 2011

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