



Mathematics and science are not only learned inside of the classroom. Often our greatest opportunities for discovery and exploration take place in informal settings, including after-school programs, museums and when encountering everyday life.

How do teachers utilize informal educational opportunities in their classrooms?

How can we leverage student intuition and exploration to understand formal mathematics and science?

Next semester, the College of Sciences will offer a course that will provide students the opportunity to learn and discover the teaching of mathematics and science in an informal setting.

Who should be interested:

- Prospective math and science high school teachers
- People interested in pursuing a career in math or science teaching
- EFE: This course will fulfill Early Field Experience for SDSU's Multiple-Subject or Single-Subject Teacher Credential Programs.

Students will have the opportunity to:

- Work on innovative math and science education projects designed by top math and science education researchers
- Learn about how students think and learn in out-of-school settings
- Work with middle school students on challenging problems and activities that might not otherwise be available in a formal school setting
- Design and implement their own math and science activities
- Investigate youth problem solving with the guidance of experts in the field

Class will meet in GMCS 307 one day a week and students will be required to aid middle school students at an afterschool site one day a week.

SCI 250 Schedule #: 22700

Lecture: Friday 10 a.m. – 11:50 a.m.

Field Lab: M or W, 2:00 p.m. – 4:30 p.m.

For more information, contact:

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SCI 250: Informal Learning in Math and Science is brought to you by CRMSE and MSTI.