

# SCE: EARTH AND SPACE SCIENCE EDUCATION

---

## Courses

### **SCE 520. PK-4 Science Instruction. 3 Credits.**

A science methods course for Pre-K teachers and administrators to master classroom and materials preparation and the design of developmentally effective instruction and assessment. Methods that promote children's ability to inquire and master PA academic standards in science and technology and environment and ecology will be addressed.

SCE 520 Prerequisite: Successful completion of science and math requirements.

### **SCE 530. Science Methods for Middle Level. 3 Credits.**

A course to prepare the middle level teachers for teaching science with a focus on the developmental and pedagogical needs of middle level students. Teacher candidates will apply science content, develop knowledge on how students learn science, explore materials and resources, and learn how to plan and assess effective standards based on middle level science instruction.

SCE 530 Prerequisite: Successful completion of MGP 520, with a minimum grade of C-; Completion of science and math requirements.