

SCIENCE TEACHING AND OUTREACH

College of Natural Science and Mathematics
Department of Biology and Wildlife
907-474-7671
www.bw.uaf.edu

Graduate Certificate

Minimum Requirements for Certificate: 12 credits

The certificate in science teaching and outreach is a voluntary program that prepares science graduate students for science careers that include teaching and/or communicating science to the public. It does NOT meet the requirements for earning a state teaching certificate and will not allow graduates to apply for certified positions in the K–12 school system. The science teaching and outreach certificate will enhance readiness for college-level teaching by providing hands-on training and familiarity with pedagogical theory. The certificate is expected to increase competitive ability in the higher-education job market.

Graduate Certificate

1. Complete the general university requirements (page 200).
2. Have a bachelor's degree from an accredited institution.
3. Admission to a graduate science or engineering degree program at UAF (CNSM, SFOS, SNRE, CEM), or prior completion of a graduate degree in the sciences or engineering.
4. Complete the following:
 - STO F601—Communicating Science2
 - STO F502—Mentoring in the Sciences2
 - STO F603—Instructional Design1
 - STO F604—Science Teaching and Outreach Internship.....4
 - STO F666—Scientific Teaching.....2
5. Complete one of the following:
 - MATH F600—Mathematics Teaching Seminar1
 - PHYS F605—Physics Teaching Seminar.....1
 - STO F692—Current Topics in Scientific Teaching.....1
6. Minimum credits required12