

POST-SECONDARY SCIENCE TEACHING - CERTIFICATE

The Texas A&M Post-Secondary Science Teaching Certificate, a cross-college collaboration between the College of Education and Human Development and the College of Arts and Sciences, provides graduate students in the sciences an opportunity to develop their knowledge and skills related to effective science teaching at the college/postsecondary/university level. This hands-on, face-to-face program will prepare participants with rich experiences to understand:

- what has been learned from past efforts to improve science teaching and learning
- issues that are unique in the teaching and learning of science
- why so many students have difficulties learning science
- research-based pedagogical decisions and practices that engage students
- the application of all this for improving science teaching and learning in large/small college/post-secondary/university classroom and laboratory settings

Program Requirements

Code	Title	Semester Credit Hours
EDCI 663	Advanced Pedagogy in Science Education	3
EDCI 667	Nature of Science and Science Education	3
EDCI 671	How People Learn Science	3
EDCI 701	Scientific Inquiry in Science Education	3
Total Semester Credit Hours		12