

Requirements:

Certificate award requires 15 hours of coursework divided among required and elective courses and workshops. These credits represent an educational concentration and are included in, not in addition to, the 66 credits required for the Ph.D degree. All activities are documented in a Teaching Portfolio that also contains a statement of teaching philosophy. Participation does not require completion of the entire certificate program.

Type of Activity	Required Courses (11 Credits)	Elective Courses (4 Credits)
Courses and Workshops	<ul style="list-style-type: none"> •CMBD Journal Club (4 Credits) •University Teacher Training (2 Credits) 	<ul style="list-style-type: none"> •Human Anatomy (4 Credits) •Teaching Assistant Resource Center Course (1 Credit) •Teacher Training Workshops (1 Credit), •Various Education Courses (3 Credits)
Teaching Practicum	Teaching Assistant Practicum (2 Credits)	Teaching Assistant Practicum (Variable Credits)
Individual Project	Independent Educational Immersion for Teaching Scholars (3 Credits)	Independent Education Immersion for Teaching Scholars (Up to 4 Additional Credits)
Teaching Portfolio	Documentation of all activities described above plus a statement of teaching and education philosophy.	

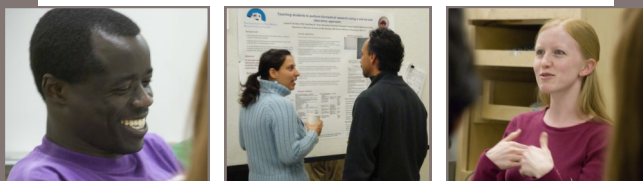
For More Information:

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Contributing to the development of researchers who share their love of science

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Certificate Program in University Science Teaching





Certificate Program in University Science Teaching (CST)

A Word from the Director...

Academic Purpose

The primary purpose of the Certificate Program is to provide participants with hands-on training, skill building experiences and credentials to succeed in scientific careers that include teaching and/or communicating science to others.

Learning Objectives:

- Design a course description, learning objectives, syllabus and assessment strategy.
- Link learning objectives with appropriately matched assessment tools to evaluate learning
- Critically reflect on lecture based and inquiry based learning and experiment with the application of diverse teaching tools
- Be aware of your audience and develop effective communication skills through oral presentations and discussion leadership
- Feel confident in formulating constructive feedback to enhance learning
- Take responsibility for obtaining learner feedback and utilize critical self-reflection to assess progress and performance
- Demonstrate and expand discipline specific knowledge base
- Practice educational scholarship in the design and implementation of an independent teaching project
- Construct an individualized portfolio to include teaching philosophy, goals, teaching projects, self-reflective pieces, student and peer/mentor evaluations to document credentials

Qualifications:

Students must have successfully completed their first year of the BSGP and passed the Qualifying Exam. Fellows must have the written consent of their research mentors to participate in the program.

Application Information:

Further information about the program and application materials are available online at: <http://hsc.unm.edu/som/research/brep/teachingcertprgm.shtml>



Student Testimonials:

- " I believe the overall experience from my "teaching" adventure has immensely helped me in my evolution to become a better teacher, scientist and, most importantly, a better person." TN
- "The Teaching Certificate Program has allowed me to discover my true calling in life and to take that dream as far as I want. I feel prepared to be a good academic and scholarly teacher as the next step in my career." LD

CST Program Director

The University of New Mexico School of Medicine is internationally recognized for educational innovation and its superb educational resources. Accordingly, the Certificate Program in University Science Teaching is one of a handful of programs in the country that offers biomedical scientists formal training in education and teaching. Join our program to acquire a critical background in pedagogical theory, gain practical teaching experience, and apply innovative educational approaches. Develop creative, critical thinking, and communication skills that are highly transferable to research and other arenas. Fifteen credit hours are divided among coursework, workshops, hands-on teaching apprenticeships, and an independent scholarly educational project. Elective credit hours provide the flexibility to tailor the program to meet your individual goals and needs. Certificate Program graduates have enhanced competitiveness to pursue a wide range of careers that require effective communication, teaching, mentoring and assessing others.

The certificate program and individual courses are open to both PhD students and Postdoctoral Fellows at the University of New Mexico Health Sciences Center.

