



THE UNIVERSITY OF ARIZONA  
COLLEGE OF SCIENCE

## LUNAR & PLANETARY LABORATORY

### Popular Graduate Certificate Options

#### Systems & Industrial Engineering Certificates

- 12 units
- <https://sie.engineering.arizona.edu/grad-programs/campus-degrees>
- 3 certificates to choose from:
  - Systems Engineering
  - Engineering Management
  - Quality and Reliability Engineering
- Contact: [graduateadvisor@sie.arizona.edu](mailto:graduateadvisor@sie.arizona.edu)

#### Certificate in College Teaching

- 10 units
- <https://ucatt.arizona.edu/teaching/college-teaching-program>
- Contact: Erin Galyen, [egalyen@arizona.edu](mailto:egalyen@arizona.edu), (520) 621-2440 or Mascha Gemein, [mngemein@arizona.edu](mailto:mngemein@arizona.edu), (520) 626-3682

#### Science Communication Certificate

A Science Communication Graduate Certificate is available to all Ph.D. students in the College of Science. After completion of this certificate, students will be able to translate complex, technical information into plain language and also have the confidence to carry out the outreach function of a faculty member or a research scientist.

- 9 units
- Program Coordinator: Brittany Johnson, [bljohnson@email.arizona.edu](mailto:bljohnson@email.arizona.edu), (520) 621-4091
- Faculty contact: Chris Impey, [cimpey@as.arizona.edu](mailto:cimpey@as.arizona.edu)

- <https://cos.arizona.edu/content/graduate-certificate-science-communication>

Choose three courses from the following list:

- ASTR 578 Writing Across the Space Sciences
- ENGL 514 Advanced Scientific Writing
- ENGL 586H The Art of Scientific Storytelling
- ENVS 508 Scientific Writing for Environmental, Agricultural & Life Sciences
- ENVS 515 Translating Environmental Science
- FTV 550 Documentary Filmmaking and Science Communication
- GC 579A Global Change Research, Application, and Decision Making
- GEOG 596 Making the Connection between Science and Decision Making
- INFO 578 Science Information and its Presentation
- JOUR 506 Introductory/Advanced Reporting
- JOUR 507 Reporting with Multimedia
- JOUR 555 Environmental Journalism
- JOUR 565 Issues in Covering Science and the Environment
- JOUR 572 Science Journalism
- JOUR 586 Health Journalism
- MCB 575 Science Communication
- PHCL 595B Scientific Writing Strategies, Skills and Ethics
- SLHS 649 Skills and Ethics