Popular Graduate Certificate Options

Systems & Industrial Engineering Certificates
- 12 units
- [https://sie.engineering.arizona.edu/grad-programs/campus-degrees](https://sie.engineering.arizona.edu/grad-programs/campus-degrees)
- 3 certificates to choose from:
  - Systems Engineering
  - Engineering Management
  - Quality and Reliability Engineering
- Graduate coordinator: Cindy Nguyen, [graduateadvisor@sie.arizona.edu](mailto:graduateadvisor@sie.arizona.edu), (520)-626-4644

Certificate in College Teaching
- 10 units
- 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
- [http://cct.oia.arizona.edu/](http://cct.oia.arizona.edu/)

Engineering Management
- 12 units
- online
- [https://online.engineering.arizona.edu/online-programs/engineering-management/graduate-certificate-in-engineering-management/](https://online.engineering.arizona.edu/online-programs/engineering-management/graduate-certificate-in-engineering-management/)
- Contact: onlineengineering@arizona.edu, (888) 658-2042

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)
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