

Open to all graduate students across ASU

## Graduate Certificate in Environmental Communication and Leadership

This certificate trains graduate students in environmental sciences to communicate their findings to decision-makers and the broader public. Graduate students will obtain valuable training in leadership and will learn to communicate with public, media, policymakers and other relevant stakeholders.

### Students will learn to:

- **Effectively communicate** with the public, including media and decision-makers, to translate complex technical and scientific concepts into easy to understand language.
- **Demonstrate leadership skills** such as strategic thinking and planning, team management, conflict resolution, collaboration, mentorship and self-reflection.
- **Inform policy and decision-making** for an organization, governmental body or other institution by describing their goals and incentives.

### Requirements:

- **BIO 578 Environmental Leadership and Communication (3 credits)** is the core course for this 15 credit hour certificate. This course is designed to build skills specific to environmental policy and management (offered every spring).
- Students will complete 12 additional credits of coursework from our approved course list in the areas of policy and management, communication and leadership.

**To apply, you need:**

- Official transcripts
- CV

[biodiversity.asu.edu/education](http://biodiversity.asu.edu/education)

• **LIST OF ELECTIVE COURSES** •

**Graduate Certificate in Environmental Communication and Leadership**

Course number	Credits	Course title
<b>Policy and management</b>		
BIO 517 / SOS 518	3	Uncertainty and Decision Making
BIO 412 / BIO, SOS, GPW 598	3	Conservation in Practice
BIO 527 / SOS 527	3	Environmental Ethics and Policy Goals
BIO 598 / SOS 591	3	Biodiversity Conservation and Collaborative Management
ERM 528	3	International Environmental Management
ERM 540	3	International Environmental Law and Policy
HSD 501	3	Science and Technology Policy
HSD 502	3	Advanced Science and Technology Policy
SOS 545	3	Topic: Organizations, Sustainability and Public Policy
PAF 505	3	Public Policy Analysis
PAF 540	3	Advanced Policy Analysis
PAF 545	3	Organizations, Sustainability and Public Policy
PAF 585	3	Strategic Planning Public Leaders
MGT 501	3	Fundamentals of Organizational Behavior
<b>Communication</b>		
SOS 598	3	Communicating about Sustainability
SOS 577	3	Interdisciplinary Writing Seminar
SOS 545	3	Organizations, Sustainability and Public Policy
HPS 520 / HST 520	3	Masters of Nonfiction
BIO 591	3	Communicating Science to the Public
ENG 598	3	Topic: Writing for Publication
PRM 470	3	Environmental Communication
COM 414	3	Topic: Crisis Communication
CMN 598	3	Topic: Environmental Risk and Communication Advocacy
<b>Leadership</b>		
SST 591	3	Topic: Transformational Leadership and Embodied Activism
MGT 513	3	Mindful Leadership
NLM 560	3	Leadership and Ethics in the Nonprofit Sector
PAF 508	3	Organization Behavior
PAF 529	3	Organization Change and Development
PAF 574	3	Diversity, Ethics, and Leading Public Change
OGL 563	3	Leading Social Change