



FIND YOUR ENVIRONMENT'S **CERTIFICATE GUIDE**




The University of Arizona provides a wide range of environmentally oriented certificate programs across multiple colleges. This guide highlights each certificate and its focus, serving as a starting point for students interested in applying environmental perspectives to their academic path. Requirements vary by program, so be sure to check each certificate's website for the most current information!

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One Health Undergraduate Certificate

College/Department:

Mel & Enid Zuckerman College
of Public Health

**# of Credits
Required:** 12

Campuses:

Main Campus, Arizona Online



Learn more:

[Here!](#)

Description:

The Undergraduate Certificate in One Health equips students and professionals with the knowledge and skills to address complex public health challenges by exploring the interconnections between human, animal, and environmental health, while preparing them for advanced studies or careers in public health and research.





Public Health Emergency and Epidemic Preparedness Certificate

College/Department:

Mel & Enid Zuckerman College of Public Health

of Credits Required: 12

Campuses:

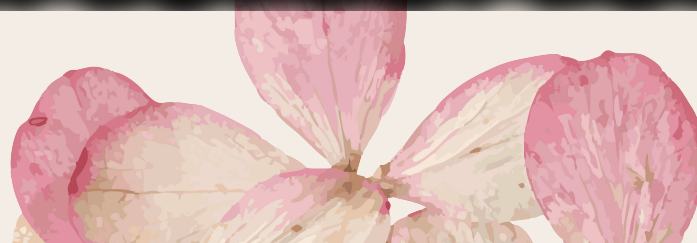
Main Campus, Arizona Online

Learn more:

[Here](#)

Description:

This 12-unit online certificate prepares students to support real-world public health emergency and epidemic response. Participants gain skills in emergency management, outbreak investigation, and rapid assessment while earning FEMA and contact tracing certifications along the way.





Global Health Undergraduate Certificate

College/Department:

Mel & Enid Zuckerman College
of Public Health

**# of Credits
Required:** 12

Campuses:

Main Campus, Arizona Online


Learn more:

[Here](#)

Description:

The Undergraduate Certificate in Global Health from the University of Arizona Online equips students and professionals with the skills to tackle global health challenges, focusing on disease prevention, health inequity, and health systems, with a curriculum guided by the United Nations' Sustainable Development Goals.





Undergraduate Safety Certificate

College/Department:

Mel & Enid Zuckerman College
of Public Health

**# of Credits
Required:** 13

Campuses:

Main Campus, Arizona Online

Learn more:

[Here](#)

Description:

The Undergraduate Safety Certificate provides training in occupational health and safety, preparing students to manage risks, enforce safety protocols, ensure compliance, and promote a positive safety culture in high-risk workplaces.





Geographic Information Science Certificate

College/Department:

College of Agriculture, Life
and Environmental Sciences

**# of Credits
Required:** 13

Campuses:

Main Campus, Arizona Online



Learn more:

[Here](#)

Description:

This certificate offers state-of-the-art training through courses and hands-on application, and provides students an opportunity to acquire a technological skill set.





International Environmental Conservation Certificate

College/Department:

College of Agriculture, Life and Environmental Sciences

of Credits Required: 6-9 + a field research experience

Campuses:

Main Campus, Arizona Online

Learn more:

[Here](#)

Description:

This certificate will prove your proficiency in environmental conservation, communication, field work, international studies, project management, and cultural awareness. You'll participate in actual research related to conservation and environmental science while fulfilling course requirements for the certificate.





Rangeland Management Certificate

College/Department:

College of Agriculture, Life and Environmental Sciences

**# of Credits
Required:** 15

Campuses:

Main Campus


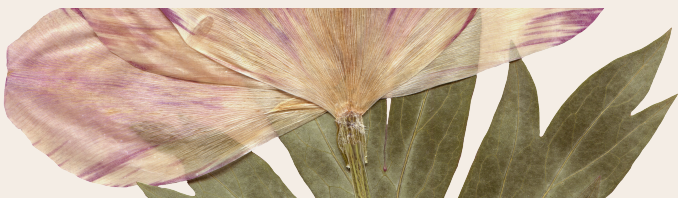
Learn more:

[Here](#)

Description:

This certificate includes coursework and field experiences in plant ecology, grazing ecology and management, inventory and monitoring of rangeland conditions, vegetation management practices, and rangeland planning. It will prepare you to sustain rangeland ecosystems in the face of increasing human populations, changing climate conditions, and conversion of rangelands to city and industrial uses.





Sustainable Tourism Certificate

College/Department:

College of Agriculture, Life and
Environmental Sciences

**# of Credits
Required:** 15

Campuses:

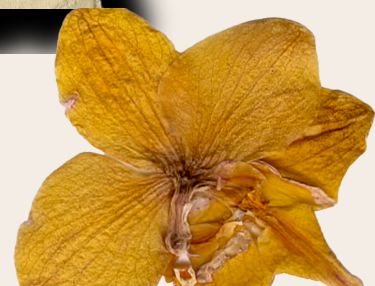
Main Campus

Learn more:

[Here](#)

Description:

This 15-credit certificate prepares students to create tourism experiences that benefit both people and the environment. Through courses in business, marketing, and sustainability, students learn to manage tourism responsibly and develop entrepreneurial skills for careers in travel, hospitality, and ecotourism.





Zoo & Aquarium Conservation Certificate

College/Department:

College of Agriculture, Life and
Environmental Sciences

**# of Credits
Required:** 12

Campuses:

Main Campus


Learn more:

[Here](#)

Description:

You'll gain an understanding of the broader spectrum of conservation efforts, including the role zoological parks and aquariums play in education and captive breeding. This certificate prepares you to pursue a career in zoological parks and aquariums.





Food Safety Undergraduate Certificate

College/Department:

College of Agriculture, Life and Environmental Sciences

**# of Credits
Required:** 13

Campuses:

Main Campus

Learn more:

[Here](#)

Description:

The Food Safety Undergraduate Certificate offers a mix of coursework and hands-on training, preparing students and professionals to address critical food safety challenges in Arizona, the U.S., and beyond, while complementing degrees in health, agriculture, and related fields.



Entomology & Insect Science Certificate

College/Department:

College of Agriculture, Life and Environmental Sciences

**# of Credits
Required:** 12

Campuses:

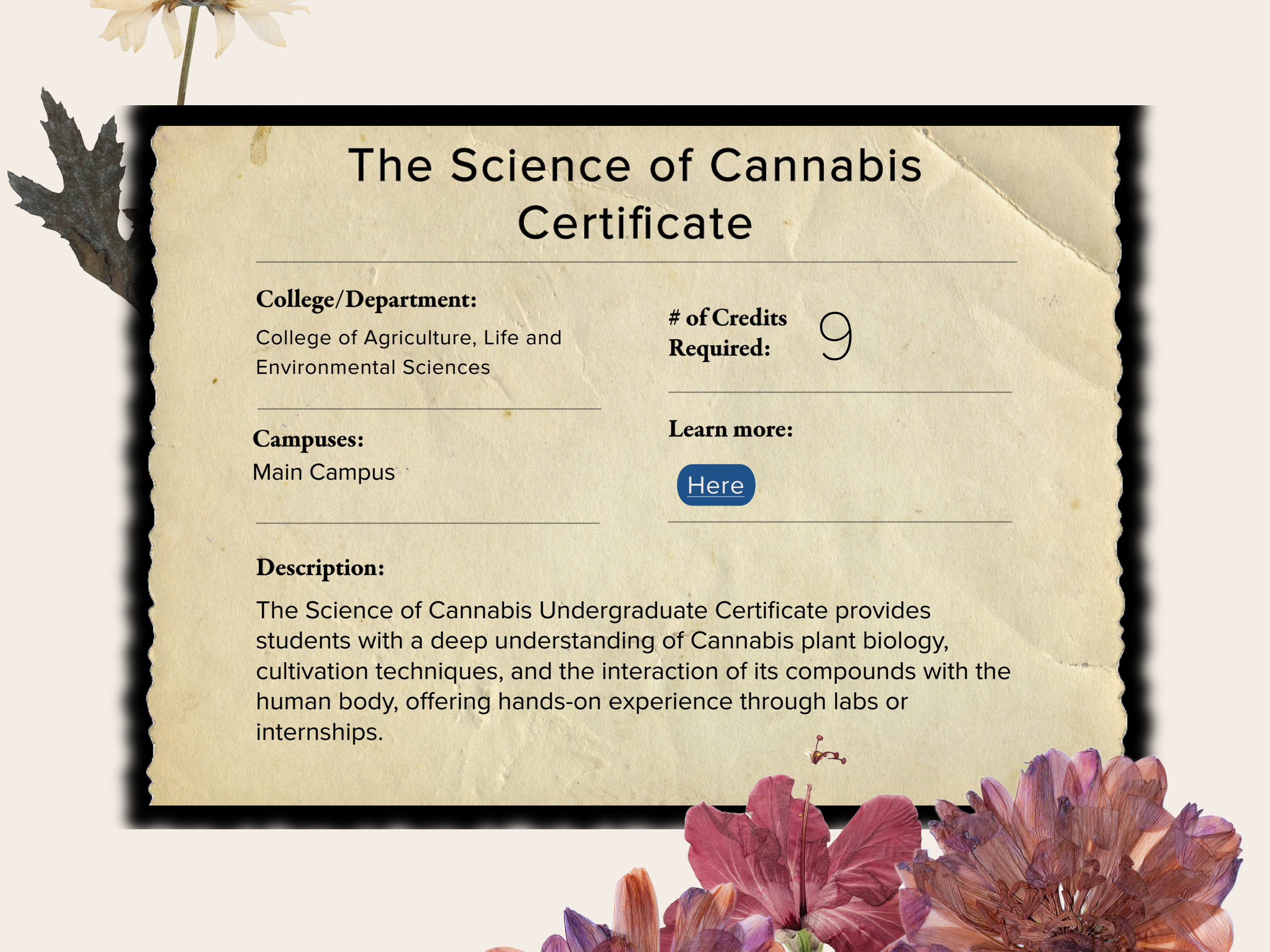
Main Campus

Learn more:

[Here](#)

Description:

The Entomology Certificate is a flexible program that lets students learn about insects and their importance in the world. It's offered through one of the top entomology departments in the country and allows students to choose courses that match their interests. Areas you can focus on include insect pest management, medical entomology, ecology, behavior, genomics, and evolution.



The Science of Cannabis Certificate

College/Department:

College of Agriculture, Life and
Environmental Sciences

**# of Credits
Required:** 9

Campuses:

Main Campus

Learn more:

[Here](#)

Description:

The Science of Cannabis Undergraduate Certificate provides students with a deep understanding of Cannabis plant biology, cultivation techniques, and the interaction of its compounds with the human body, offering hands-on experience through labs or internships.



Groundwater Hydrology Certificate

College/Department:

College of Science

**# of Credits
Required:** 15

Campuses:

Main Campus

Learn more:

[Here](#)

Description:

The Groundwater Undergraduate Certificate indicates that a student has a basic understanding of hydrologic science with an emphasis in groundwater hydrology specifically. The purpose of this certificate is to demonstrate to potential employers that the individual understands principles of hydrology and has chosen to focus her/his studies on groundwater hydrology specifically.



Human Rights Practice Certificate

College/Department:

College of Social and
Behavioral Science

**# of Credits
Required:** 12

Campuses:

Main Campus


Learn more:

[Here](#)

Description:

The Undergraduate Certificate in Human Rights Practice equips students with the knowledge, skills, and practical experience to address global human rights challenges, focusing on social justice, and offering opportunities for project-based learning, internships, and collaboration with leading practitioners.





Professional and Technical Writing Certificate

College/Department:

College of Social and
Behavioral Science

**# of Credits
Required:** 10

Campuses:

Main Campus, Arizona Online

Learn more:

[Here](#)

Description:

The Professional & Technical Writing Certificate prepares students to communicate clearly and effectively in professional, digital, and organizational settings. Through coursework in document design, audience-focused writing, and multimodal communication, students develop versatile skills that strengthen any major and improve career readiness in a growing field.

