Are you a foodie with a passion for urban farming and localism? Learn to grow edible organic plants in desert climates using sustainable practices.

**Description**

The certificate program in desert food production equips students interested in producing foods locally with the knowledge and skills necessary to grow edible plants and to navigate the challenges unique to desert climates. Coursework in the program emphasizes organic food production, sustainable horticultural technologies, green waste reduction, water conservation, maintaining biodiversity and biological cycles, and enhancing soil quality. Students gain marketable skills that enable them to participate in the growing trend of producing and supporting the consumption of local foods.

**At a Glance**

- **College/School:** College of Integrative Sciences and Arts
- **Location:** Polytechnic campus

**Program Requirements**

The desert food production certificate requires a minimum of 18 credit hours.

Only courses in which a student receives a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet the certificate requirements.

No more than two credit hours of ABS 484 Internship may be counted toward the certificate requirements.

Four credit hours of certificate electives must be from upper-division courses.
Required Courses -- 12 credit hours

ABS 260: Fundamentals of Sustainable Horticulture (SG) (4)
ABS 368: Plant Propagation (3)
ABS 460: Organic Gardening (2)
ABS 464: Desert Horticulture (3)

Elective Courses -- 6 credit hours

ABS 225: Soils (SQ) (3)
ABS 226: Soils Laboratory (SQ) (1)
ABS 360: Southwest Home Gardening (2)
ABS 462: Greenhouse/Nursery Management (4)
ABS 484: Internship (2)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

This certificate is open to students in any major. Students should contact an advisor in the College of Integrative Sciences and Arts for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information

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