

AGRICULTURAL ENTREPRENEURSHIP - ASSOCIATE IN SCIENCE DEGREE, CERTIFICATE OF ACHIEVEMENT

Top Code:

0103.00

The Agricultural Entrepreneurship program is designed to provide students with a comprehensive understanding of the principles and practices of sustainable food and plant production in an urban environment. To become an agripreneur, students will learn a broad range of skills in plant biology, soil science, horticulture, pest management, sustainability, and food systems as well as vital business and entrepreneurial skills. The program emphasizes the importance of social and environmental justice in food systems, while equipping students with the skills to address issues related to food insecurity and climate change. Upon completion of the program, students will be prepared for a variety of career paths, including starting their own agripreneurship enterprises in environmental horticulture or sustainable urban agriculture. This program provides students with a strong foundation for success in the growing field of urban agriculture and prepares them to make positive contributions to their communities and the environment.

Employment opportunities include positions in: Urban agriculture, urban agriculture enterprise management, fruit and vegetable landscape design/construction/maintenance, small farm management, small farm sales.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes

- Develop small business management skills to create sustainable urban agriculture businesses.
- Apply principles of environmental horticulture to design and manage landscapes that are environmentally responsible.
- Apply skills acquired to address local and global sustainability challenges.

Requirements for the Certificate of Achievement

Code	Title	Units
Required Courses		
AGPS 006	ENVIRONMENTAL HORTICULTURE	3
AGPS 012	SOIL SCIENCE	3
AGPS 120	ENTOMOLOGY AND INTEGRATED PEST MANAGEMENT	4
AGPS 144	IRRIGATION	3

Science and Sustainability - Pick 1-2 courses from the following - Minimum 3 units required 3-5

AGPS 004	PLANT SCIENCE
BIOL 004	BOTANY/PLANT DIVERSITY AND ECOLOGY
BIOL 005B	TOPICS IN APPLIED BOTANY: PLANT BIOLOGY IN DEMONSTRATION GARDENS
BIOL 005C	TOPICS IN APPLIED BIOLOGY - MEDICINAL PLANTS
ENVS 001	INTRODUCTION TO ENVIRONMENTAL SCIENCE
ENVS 002	HUMAN IMPACT ON THE ENVIRONMENT
ENVS 003	CHEMISTRY AND THE ENVIRONMENT
CHEM 022	INTRODUCTORY CHEMISTRY

Small Business Management - Pick two of the following 6-9

ACCT 010	BOOKKEEPING - ACCOUNTING
ACCT 104A	COMPUTERIZED ACCOUNTING - QUICKBOOKS
BUS 009	INTRODUCTION TO BUSINESS
BUS 116	ENTREPRENEURSHIP
BUS 160	SALES AND CUSTOMER SERVICE
SPAN 001	ELEMENTARY SPANISH - LEVEL 1

Marketing and Food Production - Pick one of the following 3

MRKT 020	PRINCIPLES OF MARKETING
MRKT 123	PROMOTIONS AND MARKETING COMMUNICATIONS
MRKT 150	SOCIAL MEDIA MARKETING FOR BUSINESS
HOSP 003	SURVEY OF HOSPITALITY MANAGEMENT AND MANAGER SANITATION AND SAFETY
HOSP 014	CULINARY PRINCIPLES

Total Units 25-30

General Education Requirements for the Associate in Science Degree

- General Information (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/>)
- PCC Local Gen Ed (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#pcclocaltext>)
- Students who have previously been awarded a bachelor's degree or higher from a U.S. institutionally accredited institution shall be deemed to have fulfilled the general education and elective course requirements for the Associate in Science degree.
- Cal-GETC (<https://curriculum.pasadena.edu/degree-certificate-requirements/#calgetctext>)
- Students with rights to the former general education patterns can complete IGETC or CSU GE in lieu of Cal-GETC. Students should consult with an Academic Counselor to determine which general education pattern to complete and may refer to an appropriate archived College Catalog (<https://pasadena-curr.courseleaf.com/previous-catalogs/>) or www.assist.org (<https://www.assist.org/>) for more information.