UH ID:

AGRIPHARMATECH LIMU CULTURE 2024-25 Graduation Checklist for Windward Community College CERTIFICATE OF ACHIEVEMENT (CA) – 30-31 credits

The CA in Agripharmatech: Limu Culture is designed to prepare students for the next generation of algal-based jobs. After successful completion of this certificate, students will gain the basic understanding of sustainable algae cultivation, and develop practical skills for algae mass production and biomanufacturing.

This certificate consists of 30-31 credits. See course descriptions for prerequisites.

This is not an official document. Check catalog for course description and prerequisite. Check course core designation at the Class Availability website. Course core designation may differ at the various UH campuses. See your academic counselor if you need help.

		COURSE	CREDIT	GRADE	TERM
REQUIRED CAPSTO	NE CLASS – 4 credits				
AG 192V AND/OR	Special Topics in Agriculture: Algae Studies (1-4)		4		
SCI 295AL	Introduction to STEM Research in Algae Studies (1-4)				
REQUIRED COURSES – 18 credits					
BOT 111	Introduction to Algae		3		
AQUA 110	Introduction to Algae Cultivation (3)		3		
AQUA 110L	Introduction to Algae Cultivation Lab (1)		1		
ENG 100	Composition I (3)		3		
or SP 151	Personal and Public Speech (3)				
MATH 100	Survey of Mathematics or higher		3		
MICRO 130	General Microbiology (3)		3		
MICR 140L	General Microbiology Lab (2)		2		
ELECTIVE COURSES – 8-9 credits					
	Total Credits		30-31		

Electives			
AG 120	Plant Science (3)	AQUA 201	The Hawaiian Fishpond (3)
AG 170	Introduction to Aquaponics (4)	AQUA 201L	The Hawaiian Fishpond Lab (1)
AG 171	Farm Renewable Energy System	BUS 122B	Intro to Entrepreneurship: Sustainable Agriculture (3)
AG 192V	Special Topics in Agriculture (1-4)	CHEM 161	General Chemistry I/Lab (3)
AG 202	Agriculture, Environment, and Society (3)	CHEM 161L	General Chemistry Lab (1)
AG 202L	Agriculture, Environment, and Society Lab (1)	HWST 155	Nā Limu Hawai'i: Hawaiian Seaweeds and Their Uses (3)
AQUA 106	Small Scale Aquaculture (3)	HWST 155L	Nā Limu Hawai'i: Hawaiian Seaweeds and Their Uses
			Lab (1)
AQUA 106L	Small Scale Aquaculture Lab (1)	IS 201	The Ahupua'a (3)
AGPT-PBT			

Graduation Requirements

□ 2.0 cumulative grade point average.

Residency requirement: At least 20% of the required courses in the major area (the final credits) must be earned at the College. Under certain circumstances, this requirement may be waived upon request made to the Vice Chancellor of Academic Affairs.

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Last day for graduation certification is the last day of instruction.

6.10.2024