



UNIVERSITY OF HAWAII
WINDWARD
 COMMUNITY COLLEGE

Agripharmatech: Plant Biotechnology Certificate of Achievement

SAMPLE

2024-25
 (30 credits)

The CA in Agripharmatech: Limu Culture will prepare students to enter occupations for employment as Food Scientists and Technologists, Soil and Plant Scientists, Microbiologists, Biological Scientists, Conservation Scientists, Life Scientists, Agricultural and Food Science Technicians, Biological Technicians, Forensic Science Technicians, or Forest and Conservation Technicians. The students receive hands-on training in basic/applied sciences and research in botany, microbiology, orchidology, chemistry, cell and molecular biology, plant tissue culture, phytobiotechnology and ethnopharmacognosy. The CA A-LC focuses on the study of plant/orchid tissue culture, plant molecular phylogenetic and genetic engineering.

This is an example of an educational plan that can serve as a guideline to create your own academic pathway.

Year 1			Year 2		
Fall Semester			Fall Semester:		
BOT 111	Introduction to Algae	3			
ENG 100 or SP 151	Composition I or Personal and Public Speech	3			
MATH 100 or higher	Survey of Mathematics	3			
MICR 130	General Microbiology	3			
MICR 140L	General Microbiology Lab	2			
Credits		14			
Spring Semester:			Spring Semester:		
AG 110	Introduction to Algae Cultivation	3			
AG 110L	Introduction to algae Cultivation Lab	1			
AG 192V and/or SCI 295AL	Special Topics in Agriculture: Algae Studies (1-4) Introduction to STEM Research in Algae Studies (1-4)	1/4			
Elective	(See Program Sheet)	3			
Elective	(See Program Sheet)	3			
Elective	(See Program Sheet)	3/2			
Credits		16	Credits		
Total Credits for the Year			Total Credits for 2 Years		
30			30		

AGPT-

Notes:

- Cumulative GPA of 2.0 or higher for all course work taken in fulfillment of degree.
- At least 20% of the required courses in the major area must be earned at the College.
- When there is a break in enrollment (not attending fall or spring semester), you must use the graduation requirements in effect at the time you return to WCC.
- The last day for graduation certification is the last day of instruction.