Name: _____ UH ID: _____

AGRIPHARMATECH
ETHNOPHARMACOGNOSY 2023-24
Graduation Checklist for Windward Community College
CERTIFICATE OF ACHIEVEMENT (CA) – 30 credits

The CA in Agripharmatech: Ethnopharmacognosy 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-EP focuses on the study of plant-based pharmaceutical / nutraceutical product manufacturing.

This certificate consists of 30 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 CAPSTONE CLASS – 4 credits					
BOT 205 or SCI 295EP	Ethnobotanical Pharmacognosy (4) Intro to STEM Research in Ethnobotanical Pharmacognosy (4)		4		
REQUIRED COURSES – 17-18 credits					
AG 152	Orchid Culture (3)		3		
AG 120 or BIOL 172/172L or BOT 160 or BOT 101/101L	Plant Science (3) General Biology II/Lab (3/1) Identification of Tropical Plants (3) General Botany/Lab (3/1)		3/4		
ENG 100 or SP 151	Composition I (3) Personal and Public Speech (3)		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**		

Ethnopharmacognosy Electives			
AG 149	Plant Propagation (3)	BUS 122	Intro to Entrepreneurship (3)
BOT 105	Ethnobotany (3)	CHEM 161/ 161L	General Chemistry I/ Lab (3/1)
BOT 130/130L	Plants in the Hawaiian Environment/Lab (3/1)	FSHN 185	Human Nutrition (3)
BOT 192	Special Topics	SCI 295EP	Intro to STEM Research in Ethnobotanical Pharmacognosy (4)
BOT 199/ 299	Independent Study (1-4, with approval) Involves Pharmaceutical/ Nutraceutical Research		

AGPT-EPCG

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.
- ☐ Any one course can fulfill only one area.
- ☐ Last day for graduation certification is the last day of instruction.