

Botanic studies			Ethnographic experiences	
<p>1. Most primitive, least evolved: cyanobacteria [algae]</p> <p>More complex, more evolved</p> <p>2. Primitive plants Mosses: spore capsules, spores, sperm, eggs</p> <p>Seedless Vascular Plants psilotum: cones, spores, sperm, eggs lycopodium: cones, spores, sperm, eggs ferns: sori, spores, sperm, eggs</p> <p>4. Seeded non-flowering plants (cone bearing plants): gymnosperms: cones, pollen, naked seeds</p> <p>Most complex, evolved</p> <p>Seeded flowering plants angiosperms:</p> <p>6. vegetative morphology: leaf shapes 8. floral morphology: flower shapes 9. fruits</p>			<p>3. Healing plants Plants that heal us</p> <p>5. Food plants Plants that feed us</p> <p>7. Material culture plants Plants that provide shelter, transportation, clothing, and that decorate our bodies, homes, and gardens</p> <p>10. Sacred plants Plants that entertain, inspire, and enrapture us, plants that inspire legends.</p>	
Wk	Day	Date	Area	Topic
0	Thurs	14 Aug	Introduction	1. Introduction to Ethnobotany. Cyanobacteria.
1	Tues	19 Aug	Botany	2. Outdoor primitive and less complex plants field hike: Mosses, Seedless Vascular Plants (SVP): psilotum, lycopodium, selaginella, ferns. WET MUDDY STEEP.

Wk	Day	Date	Area	Topic
1	Thurs	21 Aug	Ethnogarden	<p>Outdoor: Finding the plants of fall 2006: Tall razor grass will cut your legs and hands. <i>Merremia peltata</i> will stain your clothes. Machetes will be used. Sweaty. Hot. Wet. Muddy. <i>Need a ground orchid in the garden.</i></p> <p>1. First the class will tour the garden as a group to learn the locations of the plants in the garden and to cover the garden cleaning ground rules.</p> <p>At the Palikir National Plants of Micronesia ethnobotanical garden the threat to the collection is primarily an invasive sun-loving grass (<i>Ichaemum polystachum, reh padil</i>) and an aggressive native vine (<i>Merremia peltata, iohl, puhlah</i>). Thus the following guidelines to cleaning garden:</p> <p>Retain as much shade as possible. Do not cut <i>Premna obtusifolia</i> (<i>fienkack, topwuk, nior, niyóór, liorr, arr</i>), <i>Morinda citrifolia</i> (<i>noni, ii, weipwul, nopwur, mangal'wag, Campnosperma brevipetiolata</i> (<i>elahk, dohng, ramluw, rramllaw</i>), or other small trees that provide shade. Retain, to the extent possible, ferns. The bulk of the ferns in the garden are native to Pohnpei and should be encouraged to grow. Clear carefully around all ferns and other seedless vascular plants.</p> <p>2. Then the class will clean-up around the plants planted by students in previous terms.</p> <p>3. Start thinking about what unique plant you could contribute to the garden at term's end. Prepare for an initial submission of your proposed plant addition on 09 October.</p>
2	Tues	26 Aug	Ethnography	Preparation for group presentations on cyanobacteria, mosses, SVPs.
2	Thurs	28 Aug	Ethnography	Group presentations cyanobacteria, mosses (bryophytes), lycopodium, selaginella, ferns.
3	Tues	02 Sep	Test One	
3	Thurs	04 Sep	Ethnography	3. Outdoor field trip: Plants that heal us. Traditional and medicinal plants of Pohnpei field trip to Pohnpei state campus. Read People, Plants, and Culture chapter two. Plants that heal lecture. Public versus private knowledge.
4	Tues	09 Sep	Botany	Plant collecting process. Herbarium specimens.
4	Thurs	11 Sep		Liberation day
5	Tues	16 Sep	Ethnography	Healing plant individual presentations
5	Thurs	18 Sep	Ethnography	Healing plant individual presentations
6	Tues	23 Sep	Botany	4. Outdoor field trip: Gymnosperms and plants with economic value. Pohnpei Pwunso Kolonia botanic garden road trip and walk.

Wk	Day	Date	Area	Topic
6	Thurs	25 Sep	Botany	Preparation for gymnosperm presentations
7	Tues	30 Sep	Botany	Group presentations: gymnosperms
7	Thurs	02 Oct	Midterm	
8	Tues	07 Oct	Ethnogarden	Outdoor: Cleaning up the garden! A chance to learn about the plants and make decisions on what culturally meaningful plant you can contribute to the garden at the end of the term. The plant you do eventually bring will have to be a new addition to the garden - either a new variety of an existing plant or a new species. Sweaty. Hot. Wet. Muddy.
8	Thurs	09 Oct	Ethnography	5. Outdoor: Plants that feed us. Food plants of Haruki walk. Planning session for Thursday. A walk and talk on campus. Is there a field trip option here with Lois and Island Foods?
9	Tues	14 Oct	Ethnography	Plants as food: Each cultural group brings a traditional food to share. Group presentation with food.
9	Thurs	16 Oct	Botany	6. Outdoor field walk: Angiosperms: Vegetative morphology in the Palikir ethnobotanical garden. Also a chance to learn the plants of the garden. [Add a ground orchid to the garden for linear venation and floral morphology. Use hill south of pineapple]
10	Tues	21 Oct	Ethnography	7. Material culture: Plants that shelter us, transport us, and decorate our bodies, homes, and gardens. At the hut near the gym.
10	Thurs	23 Oct	Ethnography	Traditional materials experience: thatching
11	Tues	28 Oct	Ethnography	Tentative ethnomusicology presentation
11	Thurs	30 Oct	Ethnography	Material culture individual presentations
12	Tues	04 Nov	Ethnography	Material culture individual presentations
12	Thurs	06 Nov	Test Two	
13	Tues	11 Nov		Veterans day
13	Thurs	13 Nov	Botany	8. Outdoor field walk: Angiosperms: Floral morphology. Sketch flowers. [Reminder: fruit in a week]

Wk	Day	Date	Area	Topic
14	Tues	18 Nov	Botany	9. Let 'em eat fruit! Bring an edible fruit to share with the class. Angiosperms: fruits. The third morphological component in the trio leaves, flowers, and fruit.
14	Thurs	20 Nov	Ethnography	10. Plants that entertain us. Memes and <i>Areca catechu</i> . Entering other worlds lecture: Five types of psychoactive substances.
15	Tues	25 Nov	Ethnography	<i>Piper methysticum</i> : Chemistry and Uses, Legends
15	Thurs	27 Nov	Ethnography	Field Trip: Kava cultural ceremony
16	Tues	02 Dec	Ethnogarden	Outdoor work with dirt: Ethnobotanical garden clean-up. Tall razor grass will cut your legs and hands. <i>Merremia peltata</i> will stain your clothes. Sharp knives will be used. Sweaty. Hot. Wet. Muddy.
16	Thurs	04 Dec	Ethnogarden	Outdoor work with dirt: Sweaty. Hot. Wet. Muddy. Outdoor work with dirt: Ethnobotanical garden BRING YOUR PLANT TO PLANT! Turn in a paragraph on the plant you've added to the ethnobotanical garden. Include the name in your culture and the cultural usage. The paper should be submitted via email as it will be maintained on the ethnobotany web site for future reference! Take Home Final
17	Mon	08 Dec	Ethnography	Take home final examination due by 5:00 P.M.