

Ethnobotanical Garden Internship course at the Botanical Garden

EBOT F193

SUMMER SEMESTER 2021 (Tuesday, July 6 – Friday, August 6)

1 credit

Course Description

In EBOT 193 students explore human-plant relationships with a focus on plants that are relevant in Alaska Native cultures. The interdisciplinary internship course is based on experiential learning, knowledge shared by Indigenous Elders and Ethnobotany. The course introduces students to horticulture and the concept of gardens as living plant collections.

The internship course is a collaboration of the Georgeson Botanical Garden (GBG) in Fairbanks, the Alaska Forestry and Experimental Farm (AFES) in Fairbanks and the University of Alaska Fairbanks Ethnobotany Program (EBOT). The internship will take place at GBG and will be supervised by staff and faculty from all three units. The academic credit will be issued by the Ethnobotany Program (EBOT).

Course Information

Instructor Lisa Strecker (EBOT)

lstrecker@alaska.edu

Mailing Address: UAF Kuskokwim Campus, PO Box 368, Bethel, AK, 99559

Work phone: (907) 699-6414

Office hours Mondays, 10 am – noon via Zoom.

Please sign up for an appointment slot on your instructor's google calendar (<https://tinyurl.com/yy6begkj>) and join the Zoom meeting (below)

Send email for alternative times or modality (e.g. over the phone instead of Zoom).

Location EBOT 1xx will take place synchronously and in person at the Georgeson Botanical Garden (GBG) in Fairbanks, Alaska. The online platform for student posts will be the website of the GBG (<https://georgesonbotanicalgarden.org/>). The grading platform will be Canvas.

Students taking this class are required to have an email address, basic computer skills, and reliable computer internet access. Students are expected to be willing to actively participate in the hands-on activities in the garden.

Course websites **Canvas** (<https://alaska.instructure.com>; only used for grading)

GBG website (The 5 blog posts that you submit via email to your instructor will be posted on <https://georgesonbotanicalgarden.org/>)

Zoom We will use Zoom as a backup, not as a regular meeting space.

<https://alaska.zoom.us/j/98144808854?pwd=b1VtMWQ1ajhJbndyTmZJY1hobk9kdz09>

Password: EBOT

Course dates	Tuesday, July 6 – Friday, August 6, 2021. Alternating Tuesdays and Mondays; Wednesdays, 9am – noon. Friday August 6, 2021 6-8 pm (Final event, student presentations)
Instructional methods	Experiential learning, hands-on activities at Botanical Gardens, learning from Elders, journaling, blogging;
Course prerequisite	There are no academic prerequisites. The students are expected to be interested in the subject and participate in all internship activities as outlined in the course schedule below.

Course Goals

Students will...

- Gain a basic understanding of the concept of a botanical garden
- Be introduced to plants of importance in the context of Alaska's Indigenous cultures and learn about their cultivation.
- Be exposed to the concept of interdisciplinarity as it pertains to ethnobotany
- Recognize differences and commonalities between Indigenous ways of knowing and mainstream ('Western') knowledge as it pertains to plants.

Student Learning Outcomes

Upon completion, the successful internship student will be able to –

- Keep a structured field notebook.
- Visually document (drawing, photography, video) plants and related processes; e.g. cultivating, and, if applicable, harvesting and processing plants
- Identify and name at least 10 plants growing in the gardens
- Provide a basic ethnobotanical description to at least five culturally relevant plants
- Create a blog post for each internship week based on field notes and visual documentation
- Present your core findings in a student-designed and student-led tour of the botanical garden at the internship's closing event.

Resources & Materials

Students are expected to dress according to the weather conditions to be able to fully participate in all internship activities. Please bring sun protection (sunglasses, hat, sun screen/long sleeves), water bottle and snacks, mosquito repellent;

Field notebooks will be provided.

Instructional Methods

Class Participation

Students are expected to actively participate in all activities and ask pertinent and respectful questions. Attendance is part of the participation grade.

Students will be introduced to the practice of keeping a field notebook and are required to document their internship activities in their notebooks. Visual documentation through drawings or photography is highly encouraged. Notebooks will need to be submitted at the end of each internship week to your instructor for grading. The submission can be digital, too (share images of your notebook pages electronically).

Blog Posts

Each student will write five illustrated blog posts, each 1-2 paragraphs long. The blog posts are due at the end of each week of the internship and will be posted on the website of the Georgeson Botanical Garden. In their blog posts, students will summarize their past internship week, focus on one specific plant and present highlights to the virtual public. The instructor will provide feedback and assist students with technical details if needed.

Final Presentation

The final presentation will be in the format of a student-led tour through the Georgeson Botanical Garden. Students will share about their internship experience and the plants that they learned about. The student-lead garden tour will be semi-public – students and instructors will decide on who to invite for the event.

Course Content: See Course Schedule (page 9)

Evaluation & Grading - Elements of Grades for EBOT 1XX

Element	Amount	Percent of grade
Internship participation and presence		40
Field notebook (graded weekly)	5	20
Weekly posts	5	20
Final presentation (student-led tour of the GBG)	1	20
TOTAL		100

Grading Scale (based upon the percentage of total possible points):

A	A+: 98-100% A: 93-97% A-: 90-92%	"A" (including A+ and A-) indicates a thorough mastery of course content and outstanding performance in completion of course requirements.
B	B+: 87-89% B: 83-86% B-: 80-82%	"B" (including B+ and B-) indicates a high level of acquired knowledge and performance in completion of course requirements.
C	C+: 77-79% C: 73-76% C-: 70-72%	"C" (including C+ and C-) indicates a satisfactory level of acquired knowledge and performance in completion of course requirements.
D	D+: 67-69% D: 63-66% D-: 60-62%	"D" (including D+ and D-) indicates a minimal level of acquired knowledge and minimal performance in completion of course requirements. This grade does not satisfy requirements for courses in the major, minor, core or graduate programs.
F	F: below 60%	"F" indicates failure to meet a minimal level of understanding of course content and/or performance in completion of course requirements. All F grades, including those earned in pass/fail courses, are included in the GPA calculations.
W	Withdrawn — Indicates withdrawal from a course after the first two weeks of a semester.	
I	Incomplete — An incomplete is a temporary grade used to indicate that the student has satisfactorily completed (C (2.0) or better) the majority of work in a course but for personal reasons beyond the student's control, such as sickness, has not been able to complete the course during the regular semester. Normally, an incomplete is assigned in a case when the student is current in the	

	class until at least the last three weeks of the semester or summer session. Negligence or indifference are not acceptable reasons for an I grade. Instructors include a statement of work required of the student to complete the course at the time the I grade is assigned, and a copy of the notice of the incomplete grade will be sent to the dean of the school or college in which the course is given. An incomplete must be made up within one year or it will automatically be changed to an F grade. One year is the longest amount of time allowable for completion of the I. The I grade is not computed in the student's GPA until it has been changed to a regular letter grade by the instructor or until one year has elapsed, at which time it will be computed as an F. A senior cannot graduate with an I grade in either a university or major course requirement. To determine a senior's GPA for honors at graduation, the I grade will be computed as a failing grade.
NB	No Basis — Instructors may award a No Basis grade if there is insufficient student progress and/or attendance for evaluation to occur. No credit is given, nor is NB calculated in the GPA. This is a permanent grade and may not be used to substitute for the Incomplete. It cannot be removed by later completing outstanding work.

Policies & Procedures:

Time Commitment: This course is an internship course. Students are asked to actively participate in all internship activities. In addition to time spent at GBG, students will also work independently on their weekly posts.

Attendance: Student attendance and participation are necessary to pass this course. Each student is expected to attend each scheduled internship day, to be on time, and to remain for the entire session. Late arrivals and early departures are disruptive and unfair to other students and guest lecturers. With the understanding that life happens, class may be missed up to 1 time. For classes missed, the student is asked to submit additional makeup assignments that will be assigned. It is your responsibility to check in with the instructor for the additional makeup assignment.

Assignments missed because of an excused absence, must be made up within one week after a student's return to school. Because of logistical difficulties, some sessions and assignments may be difficult to make up, so be sure and please always talk with the instructor when you know that you will have to miss class(es).

Should school or class be officially cancelled (because of inclement weather, etc.), **presentations or assignments due during that cancellation will be given or due the next scheduled class session.**

Assignments submitted late without an authorized excuse will be subject to a 10% grade reduction for every week that the submission is delayed. **Any make up work not completed by the last day of lecture will receive a grade of zero (0) and this will be factored into your final grade.** Assignments will be due by midnight on the due date.

Effective communication: Students who have difficulties with oral presentations and/or writing are strongly encouraged to get help from the UAF Department of Communication's Speaking Center (907-474-5470, speak@uaf.edu) and the UAF English Department's (907-474-5314, Gruening 8th floor). The UAF writing center offers proof reading services to on-campus and distance students. Please consider contacting the writing center with your submissions to receive constructive feedback on how to improve your writing skills.

For more information and resources, please see the Academic Advising Resource List:
https://www.uaf.edu/advising/lr/SKM_364e19011717281.pdf

- General Information -

Policies of the College of Rural and Community Development (CRCDC) are summarized in the Fall 2020 Schedule of Courses. Policies of the University of Alaska Fairbanks (UAF) are summarized in the 2020-21 Catalog.

Student protections and services statement: Every qualified student is welcome in my classroom. As needed, I am happy to work with you, disability services, veterans' services, rural student services, etc. to find reasonable accommodations. Students at this university are protected against sexual harassment and discrimination (Title IX), and minors have additional protections. As required, if I notice or am informed of certain types of misconduct, then I am required to report it to the appropriate authorities. For more information on your rights as a student and the resources available to you to resolve problems, please go the following site: www.uaf.edu/handbook/

UAF embraces and grows a culture of respect, diversity, inclusion, and caring. Students at this university are protected against sexual harassment and discrimination (Title IX). Faculty members are designated as responsible employees which means they are required to report sexual misconduct. Graduate teaching assistants do not share the same reporting obligations. For more information on your rights as a student and the resources available to you to resolve problems, please go to the following site: <https://catalog.uaf.edu/academicsregulations/students-rights-responsibilities/>.

Non-discrimination statement:

The University of Alaska is an affirmative action/equal opportunity employer and educational institution. The University of Alaska prohibits illegal discrimination on the basis of race, religion, color, national origin, citizenship, age, sex, physical or mental disability, status as a protected veteran, marital status, changes in marital status, pregnancy, childbirth or related medical conditions, parenthood, sexual orientation, gender identity, political affiliation or belief, genetic information, or other legally protected status. The University's commitment to nondiscrimination, including against sex discrimination, applies to students, employees, and applicants for admission and employment. Contact information, applicable laws, and complaint procedures are included on UA's statement of nondiscrimination available at www.alaska.edu/nondiscrimination.

Title IX Policy: Our school is committed to fostering a safe, productive learning environment. The University of Alaska Board of Regents has clearly stated in BOR Policy that discrimination, harassment and violence will not be tolerated on any campus of the University of Alaska. Title IX and our school policy prohibits discrimination on the basis of sex. Sexual misconduct — including harassment, domestic and dating violence, sexual assault, and stalking — is also prohibited at our school. The institution encourages anyone experiencing sexual misconduct to talk to someone about what happened, so they can get the support they need and our school can respond appropriately. Our school is legally obligated to investigate reports of sexual misconduct, and therefore it cannot guarantee the confidentiality of a report, but it will consider a request for confidentiality and respect it to the extent possible.

As a teacher, I am also required by our school to report incidents of sexual misconduct and thus cannot guarantee confidentiality. I must provide our Title IX coordinator with relevant details such as the names of those involved in the incident.

If you wish to speak confidentially about an incident of sexual misconduct, want more information about filing a report, or have questions about school policies and procedures, please contact our Title IX Coordinator (474-6600 or the KuC Title IX Coordinator at 543-4562). You may also access confidential counseling by contacting the UAF Health & Counseling Center at 474-7043 or file a criminal complaint by contacting the University Police Department at 474-7721 or the Bethel Police Department at 543-3781.

UA is an AA/EO employer and educational institution and prohibits illegal discrimination against any individual: <https://alaska.edu/nondiscrimination>.

Disability Services: The Office of Disability Services implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials. I will work with the Office of Disabilities Services (203 WHIT, (907) 474-5655 | TTY: (907) 474-1827) to provide reasonable accommodation to students with disabilities.

Syllabus for Ethnobotanical Garden Internship

Kuskokwim Campus, CRCD

EBOT F193, Summer 2021

University of Alaska Fairbanks

Lisa Strecker

If you believe you are eligible, please visit <http://www.uaf.edu/disability/index.html> on the web or contact a student affairs staff person at your nearest local campus. You can also contact Disability Services on the Fairbanks Campus at (907) 474-5655, fydso@uaf.edu.

Student Behavior: Students at this institution are expected to contribute to the maintenance of an environment that is conducive to learning and respectful of others. Consequently, they are required to behave in accordance with acknowledged societal norms and are prohibited from engaging in behavior that is distracting to themselves or to others. Inappropriate behavior will result minimally in being asked to leave class immediately. Refrain from talking or making noise during lectures, laboratory sessions, and exams, although all contributions to and with the class are encouraged, with participation highly valued as part of your final grade.

Academic Misconduct and Plagiarism: The faculty, staff, administration, and students of the University of Alaska Fairbanks (UAF) consider academic honesty and integrity fundamental to the mission of higher education and promote the highest ethical and professional standards of behavior in the classroom. To learn more about UAF's Student Code of Conduct, please continue reading here: <https://www.uaf.edu/csrr/student-conduct/academic-misconduct.php>

You must document all of your source material. If you take any text from somebody else, you must make it clear the text is being quoted and where the text comes from. You must also cite any sources from which you obtain numbers, ideas, or other material. If you have any questions about what does or does not constitute plagiarism, ask! Plagiarism is a serious offense and will not be treated lightly. Fortunately, it is also easy to avoid and if you are the least bit careful about giving credit where credit is due you should not run into any problems. To learn more about plagiarism and how to avoid here, please read here: <https://wts.indiana.edu/writing-guides/plagiarism.html>

Harassment: CRCD and UAF have specific policies regarding harassment, and harassment will not be tolerated. Anthropology students address subjects that are considered to be delicate by many individuals and cultures. Both students and faculty are expected to act and speak with sensitivity and respect.

Use of Equipment and Facilities of the Georgeson Botanical Garden: Students are expected to use their utmost care to assure the continued availability of the GBG's resources.

Emergency notification plan: Students will receive emergency notifications via phone or email. Please check your UAOnline account to confirm your emergency notification settings. For more information, please refer to the Student Handbook. In cases where you do not have access to your devices, as your instructor, I will take responsibility to relay any emergency notifications.

Covid-19: Students should keep up-to-date on the university's policies, practices, and mandates related to COVID-19 by regularly checking this website: <https://sites.google.com/alaska.edu/coronavirus/uaf/uaf-students?authuser=0>

Further, students are expected to adhere to the university's policies, practices, and mandates and are subject to disciplinary actions if they do not comply.

Covid-19 disability statement: Masks or face shields will be required for individuals accessing campus. For additional assistance or accommodations, students can contact UAF Disability Services and employees and visitors can contact UA Human Resources to receive guidance or request a reasonable accommodation.

Drop/Withdrawal/Incomplete: Ceasing attendance does not activate the drop, withdrawal, or incomplete grade process. The student must submit the appropriate forms for each of these processes by the published deadlines to end enrollment in this class. Failure to complete and submit the appropriate forms may result in a

failing grade for this course on the student's permanent transcript. Deadlines for drop and withdrawal are listed below. **All paperwork must be completed and submitted by these dates.** Be aware that the college has specific policies and procedures for the assignment of incomplete grades.

Important Dates

Last day for 100% refund: June 17, 2021.

Last day for student- and faculty-initiated withdrawals: June 25, 2021 (W appears on academic transcript)

Last day for course submissions to be considered for grading: August 8, 2021.

COURSE OUTLINE

The internship will be five weeks long; Tuesday, July 6 – Friday, August 6, 2021.

The schedule of the Ethnobotanical Garden Internship below is tentative and subject to changes depending on the weather and the availability of Elders to join the class. Students will spend 6-7 hours per internship week at the GBG.

Each day / activity will be led or supervised by staff from the different participating entities. Expect activities led by your instructor to have the character of an interactive lecture. Sessions with Elders will formally count as lecture, too, as you are expected to be attentive, take notes and pictures and be as involved in the learning process (e.g. by asking questions) as culturally appropriate. All other activities count as internship.

Week 1 (July 6 - July 9, 2021)

July 6, 2021. 9am-noon - Introduction, introductions and housekeeping; meet the team, the garden and the plants. Learn how to keep a notebook; discussion of student blog posts and internship project (=prepare a plant walk which is also the final presentation). (instructor)

Plant walk and how and where to learn about the history of people and plants in Alaska (introduction to main resources), how to document plant knowledge. (instructor)

Come prepared to do some hands-on work!

July 9, 2021. 9am-noon - Work with the GBG team in parts of the garden dedicated to edible plants and vegetables. (internship)

Blog post 1 (due Sunday, July 11, 2021): Three new plants in my life. Submit your blog post via email to your instructor (two paragraphs of text as a word document together with your illustrations (photos, images of drawings or video)).

Submit your notebook entries to your instructor (submit physical copy for grading or share images of notebook pages electronically by Sunday, July 11, 2021.

Week 2 (July 12 - July 16, 2021)

July 12, 2021. 9 am-noon - Work with the GBG team in parts of the garden dedicated to edible plants and vegetables. (internship)

Tour the vegetable trial gardens at the Alaska Forestry and Experimental Farm (AFES) and work at the AFES. (internship)

July 14, 2021. 9am-noon - Spend time with Elders to learn about stories related to plants and their uses in Indigenous cultures of Alaska. Walk around garden and/or UAF to find any of these plants. Think of plant for your own internship project. (instructor, Elders)

Blog posts 2 (due Sunday, July 18, 2021): Different ways of knowing and learning about plants. Submit your blog post via email to your instructor (two paragraphs of text as a word document together with your illustrations (photos, images of drawings or video)).

Submit your notebook entries to your instructor (submit physical copy for grading or share images of notebook pages electronically by Sunday, July 18, 2021).

Week 3 (July 19 - July 23, 2021)

July 19, 2021. 9am-noon - Meet with Elders to learn about stories related to plants and their uses in Indigenous cultures of Alaska. Together with Elders, harvest, prepare, and share at least one traditional plant medicine, food, treatment or ritual. Walk around garden and/or UAF to find any of these plants. Think of your own upcoming plant walk. (Elders, instructor).

July 21, 2021. 9am - noon - Work with the GBG team in parts of the garden dedicated to edible plants and vegetables. Participate in planting and harvesting of vegetable garden plants at the GBG and participate in identifying and potentially foraging for plants in the surroundings of the GBG. (internship)

Blog post 3 (due Sunday, July 25, 2021): Write about what you have learned about plants from our Elders; post or share more about your third internship week and the plants you worked with. Submit your blog post via email to your instructor (two paragraphs of text as a word document together with your illustrations (photos, images of drawings or video)).

Submit your notebook entries to your instructor (submit physical copy for grading or share images of notebook pages electronically by Sunday, July 25, 2021).

Week 4 (July 26 - July 30, 2021)

July 26, 2021. Work with the GBG team in parts of the garden dedicated to edible plants and vegetables. (internship)

July 28, 2021. Work with the GBG team in parts of the garden dedicated to edible plants and vegetables. (internship)

Blog post 4 (due Sunday, August 1, 2021): My favorite internship plants. Submit your blog post via email to your instructor (two paragraphs of text as a word document together with your illustrations (photos, images of drawings or video)).

Submit your notebook entries to your instructor (submit physical copy for grading or share images of notebook pages electronically by Sunday, August 1, 2021).

Week 5 (August 2 - August 6, 2021)

August 2, 2021. 9am-noon - Work the GBG team in parts of the garden dedicated to Alaska edible plants and vegetables. Prepare for your final presentation (plant walk). Invite guests for your final presentation. (internship/instructor)

August 4, 2021. 5pm-6pm - Prepare to welcome the audience of your final presentation (=your plant walk)!

6pm-8pm: **FINAL PRESENTATION**, closing event.

Blog post 5 (due Sunday, August 8, 2021): My plant walk. Submit your final blog post via email to your instructor (two paragraphs of text as a word document together with your illustrations (photos, images of drawings or video)).

Submit your notebook entries to your instructor (submit physical copy for grading or share images of notebook pages electronically by Sunday, August 8, 2021.

All submission need to be emailed to your course instructor by August 8, 2021 to be considered for grading.