

Course Syllabus – FALL 2021

SUSTAINABILITY IN A CHANGING NORTH
NRM 647 FX (CRN: 75090), BIO 647 (74613)
REMOTE OPTION NRM 647 FXA (CRN: 7728)
3 Credits

Course Information

Location

Course Type: concurrent in-person + online synchronous (remote via zoom)

Course Reading Materials: This course focuses on up-to-date recent published literature related to sustainability in a changing North. Readings w.s;680 Tw 9. Ro;680 19 0 11.04*11 Tot pt pee N1 Tw 1.(o)-d(;asTj0.002 Tc

Abstract and Annotated Outline for Final Paper (10%)

This assignment is designed to help you get a jump start on writing your final paper. Details TBD.

Final Paper Presentation (20%)

Each student will present their final paper. Details TBD.

Final Paper (30%)

Details TBD based on class composition and interests.

Adaptation

The course schedule may be adjusted to meet student enrollment, student interests, and the scheduling needs of guest lectures. Revisions to the schedule will be posted on Canvas and via email. You are responsible for following announcements on Canvas to receive these revisions.

Instructional Methods

The course will use a combination of lectures, student lead discussions, and guest speakers. This class is interactive, relying on strong student contribution. Students are expected to contribute to a respectful and productive atmosphere that encourages this joint class exploration of course themes.

Attendance

Students are expected to attend all classes. If it is necessary to miss a class, contact the instructors beforehand to inform them of your plans and request guidance on how to make up missed classroom learning. We encourage students to join the class remotely if on travel. Remote access is available via Zoom and telephone. Details pasted below. Missed classes will be reflected in your participation grade. If you choose to join the class remotely, you are expected to have your camera on unless you make other arrangement with the instructor.

Student Code of Conduct

According to the UAF code of conduct "Students will not collaborate on any quizzes, in-class exams, or take-

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/>

COVID-Safe Learning

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?authuser=0>

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Meeting ID: 859 9176 0147
Passcode: 318938
One tap mobile
+12532158782,,85991760147# US (Tacoma)
+13462487799,,85991760147# US (Houston)

Dial by your location
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)
+1 669 900 6833 US (San Jose)
+1 301 715 8592 US (Washington DC)
+1 312 626 6799 US (Chicago)
+1 929 205 6099 US (New York)

Meeting ID: 859 9176 0147
Find your local number: <https://alaska.zoom.us/j/85991760147>

Student Resources:

You are encouraged to utilize the writing, speaking, and other resources available to UAF students:
Speaking Center (907-474-5470, speak@uaf.edu, Gruening 507)
Writing Center (907-474-5314, uaf-writing-center@alaska.edu, Gruening 8th floor)
The Debbie Moses Learning Center at CTC (907-455-2860, 604 Barnette St, Room 120)
UAF Graduate Student Handbook: https://www.uaf.edu/gradschool/files/old-website/document_student_forms/GS_Handbook_Final%202017.pdf

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

Required Texts:

Petrov, A.N, BurnSilver, S., Chapin, F.S. III, Fondahl, G., Graybill, J.K., Keil, K., NilssonII6IN9p4g247.564g24-1 (G.)1cnttp

Student Input to Course Content:

The students will have the opportunity to provide input as to the specific real-world problems that are addressed in this course. Possible issues are listed here:

1. Ambler Road (0)
2. Pebble Mine (0)
3. Pan-Arctic Shipping (0)
4. Rural Economic Development/ Workforce Development – taking advantage of federal initiatives in green jobs, etc. (3)
5. Sustainable Economy for Alaska (1)
6. Food Security (3)
7. Climate Justice (1)
8. Co-Production (4)
9. Wildfire Management in the context of climate change (1)
10. Health and Wellness of people, land, animal, ocean (6)
11. Globalization – Indigenous economies (food economies) (0)
12. Near-shore marine environment (social environmental system) -Bridges between physical and social sciences – ocean chemistry - Ocean acidification, fisheries, marine/terrestrial, families, communities, Indigenous leadership, PCP (food health). Sitka, Angoon, Homer (1)
13. Energy Security (1)
14. K-12 education, community education on sustainability awareness of need (2)
15. Citizen science (0)
16. Ester Dome Mining (0)
- 17.

Presentations and Final Paper:

Student presentations will be the last three weeks of the course.