Today's wicked problems require a systems approach. Understanding the Arctic from this viewpoint will help the next generation better navigate cross-disciplinary problem solving. This course introduces students to Alaska and the Arctic topics through lectures, discussions, and a team project to build Earth Systems Science thinking.

Prerequisites: Graduate Standing.

Special Notes: Students who take this course will develop a basic understanding of the concept of systems science with a focus on Alaska and the Arctic.

This seminar-style course is designed to help students plan and execute field projects, from permitting to sample curation. Guest speakers will address preparation and execution of projects at sites throughout Alaska. Topics include land ownership, stakeholder involvement, transportation, freezing temperatures and safety considerations at remote sites.

Repeatable for Credit: May be taken 98 times for up to unlimited credits