

# EARTH SYSTEM SCIENCE (ESS)

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## Earth System Science

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907-474-7565

### ESS F492P Seminar

1 Credit

**Lecture + Lab + Other:** 0 + 0 + 0

**Grading System:** Pass/Fail Grades

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

### ESS F601 Introduction to Earth System Science

3 Credits

Offered Fall

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.

**Lecture + Lab + Other:** 3 + 0 + 0

**Grading System:** Letter Grades with option of Plus/Minus

### ESS F602 Best Practices for Research in Alaska

1 Credit

Offered Fall

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.

**Lecture + Lab + Other:** 1.5 + 0 + 0

**Grading System:** Pass/Fail Grades

### ESS F692P Seminar

1 Credit

**Lecture + Lab + Other:** 0 + 0 + 0

**Grading System:** Pass/Fail Grades

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