

# SCHOOL OF FISHERIES AND OCEAN SCIENCES (SFOS)

## Spring 2009 Video Conference Courses

The courses listed below are offered to students who have access to video conference equipment. You can register at your local campus.

Once students outside of Fairbanks area are registered, please send an email to Christina Neumann, [neumann@sfos.uaf.edu](mailto:neumann@sfos.uaf.edu), so that UAF charges can be removed from the rural students account. Students will have to order their books through [www.uaf.bkstr.com](http://www.uaf.bkstr.com).

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FISH F261 F01 3 cr

### Introduction to Fisheries Utilization

CRN: 48195 Scott Smiley (Kodiak)  
smiley@sfos.uaf.edu

**VIDEO CONFERENCE COURSE:** Application of scientific and engineering principles in the harvesting, processing, preservation and marketing of Alaska's rich fisheries resources. For sophomore-level natural sciences/environmental studies students. Grading Type: Letter

**PREREQUISITES:** CHEM 105 or BIOL 115X or permission of instructor.

**M, W, F – 2:15pm to 3:15pm – 1/23 to 5/8**

<u>TUIT</u>	<u>UA</u>
\$402	\$9

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FISH F288 F01 3 cr

### Marine and Freshwater Fishes of Alaska

CRN: 48202 Andrew Sietz (Fairbanks)  
ftacs@uaf.edu

**VIDEO CONFERENCE COURSE:** Biology of the marine and freshwater fishes of Alaska including their evolutionary relationships, biogeography, life-history, ecology, behavior, and importance to people. Grading Type: Letter

**PREREQUISITES:** BIOL 115X and 116X or permission of instructor

**T, Th – 2:00pm to 3:00pm – 1/22 to 5/7**

<u>TUIT</u>	<u>UA</u>
\$402	\$9

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FISH F336 FJ1 3 cr

### Introduction to Aquaculture

CRN: 48206 Ginny Eckert/Bill Smoker (Juneau/Juneau)  
g.eckert@uaf.edu/bill.smoker@uaf.edu

**VIDEO CONFERENCE COURSE:** Alaska's aquaculture industries, salmon ocean ranching, shellfish mariculture, and kelp mariculture contribute to the world's increasingly important aquaculture production. Survey of worldwide production, introduction to production systems and familiarization with Alaskan systems. Team taught by SFOS specialists and featuring invited lecturers, laboratory demonstrations and field trips. Grading Type: Letter

**PREREQUISITES:** BIOL 116X

**M, W, F – 9:15am to 10:15am – 1/23 to 5/8**

<u>TUIT</u>	<u>UA</u>	<u>FEE</u>
\$453	\$9	\$500

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FISH F487 F01 (*Cross-listed with NRM F487*) 3 cr (w, o)

### Fisheries Management

CRN: 48207 Trent Sutton (Fairbanks)  
tsutton@sfos.uaf.edu

**VIDEO CONFERENCE COURSE:** Theory and practice of fisheries management, with an emphasis on strategies utilized for the management of freshwater and marine fisheries. Application of quantitative methodologies for the assessment and manipulation of aquatic habitats, sport and commercial fish populations, and stock assessment are considered, as is the setting of appropriate goals and objectives for effective, science-based management. Grading Type: Letter

**PREREQUISITES:** COMM 131X or 141X; ENGL 414W; FISH 425; FISH 405 or 410; or permission of instructor.

**T, Th – 8:00am to 9:30pm – 1/22 to 5/7**

<u>TUIT</u>	<u>UA</u>
\$453	\$9

Order book online at [www.uaf.bkstr.com](http://www.uaf.bkstr.com). (1 new bk: \$79 + shipping)

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FISH F492 F01 1 cr

### SEM: Freshwater Ecosystems

CRN: 45899 Mark Wipfli (Fairbanks)  
mark.wipfli@uaf.edu

**VIDEO CONFERENCE COURSE:** No Description Provided. Grading Type: Pass/Fail

**W – 1:00pm to 2:00pm – 1/28 to 5/6**

<u>TUIT</u>	<u>UA</u>
\$151	\$3

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FISH F493 F01 3 cr

### S/T: Political Ecology of the Oceans

CRN: 49731 Courtney Carothers (Fairbanks)  
carothers@sfos.uaf.edu

**VIDEO CONFERENCE COURSE:** Introduction to the field of political ecology in the marine sphere. Topics include: the sociology of scientific knowledge; traditional and local ecological knowledge; politics of resource management; processes of marine enclosure; environmental values; marine conservation; environmental justice; and colonialism and economic development.

**T, Th – 3:40pm to 5:10pm – 1/22 to 5/7**

<u>TUIT</u>	<u>UA</u>
\$453	\$9

Order books online at [www.uaf.bkstr.com](http://www.uaf.bkstr.com). (4 new bks: \$152.90 + shipping)