Syllabus and Schedule / Outline - Fishes of Alaska (FISH / BIOL 388)

(Dr. Gordon Haas - UAF (Spring Semester 2005))

- course material all online on internet (password protected: http://www.sfos.uaf.edu/instructor/haas/).
- I will try to place paper copies in BioSciences Library (if still possible and if student(s) request it).
- actual specific subjects covered in any lecture may somewhat vary on particular dates.
- course is in part new and still in development, and it is on a new schedule.
- at least a good approximation of this material will nonetheless still get covered in class.
- note - dates of exams / assignments are not going to vary unless instructor indicates otherwise.

instructor:
Dr. Gordon Haas.
office: O’Neill Building - room 235.
- email (remote contact preference): haas@sfos.uaf.edu.
- office phone: (907) 474-5231.
  - ‘office hours’ are after class lectures (~11:30am on Tuesdays and Thursdays).
  - can meet, or make office appointments for some other times, after class or by email.
  - can also leave me a message on the white board on outside of my office door.
  - lecture handouts and returned assignments are available in each class or in the hanging folder outside my office door (note - please only hand-in materials to me or under my door).

classroom and lecture schedule:
- Irving I Building - room 201.
  - T and Th (9\textsuperscript{th} to 11\textsuperscript{th} am).

‘possible / recommended’ (but not mandatory) course book:
- been locally available in UAF Bookstore, UA Museum Bookstore, and Gulliver’s Bookstore.
- new (and sometimes used) copies available online at internet bookstores.
- this book, and other resource materials, are placed on reserve in UAF Biosciences Library.
  - other useful books, journals, and resource materials are listed on separate class handouts.
  - note - primary scientific literature journals should still be the main source of information for paper.

January
20 - Class Cancelled due to student absences (I will still attend for discussion, questions, and strugglers).
25 - Course Assignments, Grading, Outline, and Resources.
  - Resources, Primary Scientific Literature, and Other Information for Assigned Individual Scientific Paper.
  - Start into first class lecture (Jan. 27 material) as time and class enthusiasm permits.
27 - Fish Biology / Ichthyology - Background, Introduction, and Overview.

February
1 - Fishes, Fisheries, and Aquatic Environments of Alaska etc. - Background, Introduction, and Overview.
3 - Biogeography (Aquatic) of Alaska (and other relevant Arctic / Northern regions).
8 - Marine ‘Commercial / Sport / Subsistence’ Fishes I (February 8) - VII (February 24)).
  - Sharks and Skates (‘also’ Ratfishes and Rays).
10 - Herring and Sardines (‘also’ Anchovies, Sandlances and Shad).
15 - Rockfishes.
17 - Flatfishes.
22 - Codfishes, ‘etc.’ (Cods and Hakes (‘and’ Greenlings, Sablefish, and Lingcod)).
24 - Walleye Pollock.

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March
1 - Marine ‘Non-Commercial / Non-Sport / Non-Subsistence’ Fishes (I - most abundant / speciose fishes).
   - MIDTERM (INDIVIDUAL TAKE-HOME) EXAM handed out by GH (~25 % of total grade).
     - exam on ‘materials / topics’ up to and including March 3 (~ introductory lectures and marine fishes).
3 - Marine ‘Non-Commercial / Non-Sport / Non-Subsistence’ Fishes (II - other / miscellaneous fishes).
   - Midterm (Take-Home) Exam – Any Discussion and Student Concerns / Questions.
8 - No Class unless notified (other UAF work – apologies, and I am still trying to change this).
10 - No Class unless notified (other UAF work – apologies, and I am still trying to change this).
15 - Spring Break (no class).
17 - Spring Break (no class).
22 - Anadromy / ‘Migration’ (Biology and Life-Histories) and Estuarine / Intertidal Environments.
   - MIDTERM (INDIVIDUAL TAKE-HOME) EXAM handed in by students (~25 % of total grade).
     - must return to me in-person after class lecture period, under my office door, or by email.
24 - Anadromous / ‘Migratory’ Commercial / Sport / Subsistence Fishes (I (March 24) – IX (April 21)).
   - Pacific Salmon (pink / humpback salmon).
29 - Pacific Salmon (chum / dog salmon).
31 - Pacific Salmon (sockeye / red salmon).
   - Midterm (Take-Home) Exam returned (graded with comments) with any general discussion.

April
5 - Pacific Salmon (coho / silver salmon).
7 - Pacific salmon (chinook / king salmon).
12 - Char.
14 - Whitefishes and Ciscoes.
   - INDIVIDUAL SCIENTIFIC PAPER due (~ 35 % of total grade).
     - must hand in to me in-person after class lecture period, under my office door, or by email.
19 - Smelts (‘and’ Capelin and Eulachon).
21 - Anadromous / ‘Migratory’ Non-Commercial / Non-Sport / (’mostly’) Non-Subsistence Fishes.
26 - Freshwater Commercial / Sport / Subsistence Fishes (I (April 26) – II (April 28)).
   - Arctic grayling.
28 - Northern Pike (and (Alaska) Blackfish).
   - Individual Scientific Papers returned (graded with comments) with any general discussion.

May
3 - Freshwater Non-Commercial / Non-Sport / (’mostly’) Non-Subsistence Fishes.
   - will try to provide Example Final Exam Question Sheet today (…, but discussed next lecture).
5 - ‘Hot Topics’ – Fishes of Alaska (and other relevant Arctic / northern regions).
   - Final Exam Preparation / Review – Any Discussion and Student Concerns / Questions.
   - Last Day of Class Lectures...
12 - FINAL IN-CLASS EXAM (two hours from 8am - 10am) (~ 40 % of total grade).
   - on all material in course, with some emphasis on lectures since midterm exam (starting March 22).
18 - Course Grade submission to Registrar’s Office deadline.
   - Final Exams available, if desired. Graded, with comments as marking time permits.

   - Thanks very much, best wishes, and good luck.

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