

**FORMAT 2**

Submit originals and one copy and electronic copy to **Governance/Faculty Senate Office**  
See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

***CHANGE COURSE (MAJOR) and DROP COURSE PROPOSAL***

**SUBMITTED BY:**

|                   |  |                       |  |
|-------------------|--|-----------------------|--|
| <b>Department</b> |  | <b>College/School</b> |  |
|-------------------|--|-----------------------|--|

**6. CURRENT CATALOG DESCRIPTION AS IT APPEARS IN THE CATALOG: including dept., number, title and credits**

[Redacted area]

***JUSTIFICATION FOR ACTION REQUESTED***

The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This re ~~(b)-(1)-(3)~~-6(e)-~~8~~

As per attached.

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**ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)**

|  |      |  |
|--|------|--|
|  | Date |  |
| Signature, Chair, Program/Department of:                 |      |  |
|  | Date |  |
| Signature, Chair, College/School Curriculum Council for: |      |  |
|  | Date |  |
| Signature, Dean, College/School of:                      |      |  |



**Syllabus FISH 194**  
Skeleton Articulation as an  
Introduction to Marine Conservation Biology

**Course Credits:** 2

**Contact Hours:** 1 h lecture/3 h lab

**Course Prerequisites:** High School Juniors and Seniors with a GPA of 2.5 or better academic standing and 1 biology and math class completed.

**Recommended Courses:** Biology or AP Biology

**PE1 01 100: 2 4m(a)48: 8: 8Q: 8Q: 88mo2t(Ai )TETE1 01 2 10: 8bl**





2011 demonstrated that the days and times are likely to change. Each class will begin with a 1/2 hour lecture followed by 1.5 hour lab. Students will be required to commit 4 hours a week. Class discussions will be determined by the instructor based upon progress during the articulation in the course calendar. The exact condition of the specimen to be articulated will be unknown until such time as it is needed for the class

There is no required text for this course. Upon signing up for this course, initial training in laboratory and equipment safety is conducted. This has been coordinated with Environmental Health and Safety Office and they receive all student quizzes to ensure compliance. The students will receive a packet that includes this syllabus and several handouts detailing the preparation for and the process of skeletal articulation as well as chapters from textbooks that are pertinent to the lectures. Articulation manuals, bone treatment manuals and medical texts will be available in the classroom.

| <b><u>Date</u></b> | <b><u>Description (Lecture/Lab)</u></b>               | <b><u>Reading Assignment</u></b>       |
|--------------------|---|--|
| 23-Jan             | Complete Safety Training                              | UAF EHSO Skillsoft Program and quizzes |
| 25-Jan             | Overall life history/flensing of front and rear limbs | Chapter 1 Biology of Marine Mammals    |
| 30-Jan             | Anatomy/Skull and comparative anatomy                 |  |

|        |  |  |
|--------|--|--|
| 28-Mar | Marine Mammal Research/Scapula, final positioning & permanent support structure design | publication                            |
| 2-Apr  | No Class (testing week)  |  |
| 9-Apr  | Conservation Management/Final positioning  |  |
| 11-Apr | Human Impact/Complete ribs and prep for extremities. Work on display                   | Examples of Final Reports              |
| 16-Apr | Relation to Fisheries/Attach scapula and innominates                                   |  |
| 18-Apr | Cultural Significance/Attach skeleton to permanent support structure                   | Chapter from "The Earth is Faster Now" |
| 23-Apr | Guest lecture Native culture/Make display labels                                       |  |
| 25-Apr | Economics/Attach paws and flipper  | Guidance for report preparation        |
| 30-Apr | Final student assessment/Attach skull  |  |
| 2-May  | Last day of instruction - Student assessment   |  |

### ASSIGNMENTS

**Forms:**

dishonesty. Violations of lab safety procedures will not be tolerated. Major violations or repeated minor violations will result in expulsion from the course.

### EVALUATION/ GRADING

**Pass/Fail Grading:** For this course, attendance (25%), participation (25%) and teamwork (25%) are of primary importance and will account for 75% of the grade. The remaining 25% of the grade is based on the final report. Students will receive a passing grade as measured by: attendance as recorded in the attendance log; teamwork as measured by the

observation and according to the articulation manuals for the particular species of the articulation subject; and preparation of the final report. Failure to turn in a final report will result in a failing grade. Absences for 3 or more classes per semester without an acceptable excuse constitute significant disruption of the class and will result in a failing grade. Acceptable excuses for lack of attendance include illnesses, family emergencies and absence due to school-sponsored programs. Those students with school-sponsored program commitments that will affect attendance are expected to plan in advance with both the class and the instructor for sessions missed. Because the course is based on the individual experience, a grading curve does not apply.

Assignments: A final report of the experience accounts for 25% of the evaluation, and is mandatory. No student can pass the class without submitting the final report. The reports must demonstrate the following



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www.sfos.uaf.edu

**School of Fisheries and Ocean Sciences**  
Juneau Center, 17101 Point Lena Loop Road, Juneau, AK 99801

January 13, 2012

Dear Parents/Guardian:

194 Skeleton

Articulation as an Introduction to Marine Conservation Biology class at the Juneau Center of SFOS at the University of Alaska Fairbanks (UAF). I will be serving as the primary instructor for UAF course and Ms. Topaz Shryock from Thunder Mountain High School for this course. I take the responsibility of mentoring students seriously, and I want to provide you with information to assist you in determining if your son/daughter can participate in the class in a UAF lab. As the direct supervisor of the students I, or my designee, will be in the presence of your son/daughter at all times while working in the lab.

The class will be articulating marine mammal skeletons. In reviewing the process and procedures with your son/daughter, we have identified the following potential risks:

Working with biological tissues; working with laboratory chemicals; working with power hand tools; working with non-power, sharp hand tools (such as saws or chisels) and working in a laboratory setting.

To reduce the risks I have developed a risk mitigation plan that includes:

1. Safe laboratory practices, to include the requirement for your son/daughter to complete safety training which should reduce risks to a minimum. This training is provided by UAF.
2. Your son/daughter will be under direct supervision at all times while working in the lab, or outside the lab working with course-related materials.

Required safety training:

Lab Safety this must be accomplished prior to the start of work in a lab. Your son/daughter can accomplish the training online at [www.uaf.edu/safety](http://www.uaf.edu/safety) under training.





