

Submit original with signatures + 1 copy + electronic copy to Faculty Senate (Box 7500).
 See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedure> for a complete description of the rules governing curriculum & course changes.

TRIAL COURSE OR NEW COURSE PROPOSAL

SUBMITTED BY:

Department	URSA (Undergraduate Research and Scholarly Activity)	College/School	Division of General Studies
Prepared by	Kevin Winker	Phone	474-7027
Email Contact	kevin.winker@alaska.edu	Faculty Contact	Kevin Winker

1. ACTION DESIRED (CHECK ONE):

Trial Course	<input checked="" type="checkbox"/>	New Course	<input type="checkbox"/>
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2. COURSE IDENTIFICATION:

Course Code	MRAP	Course #	288	No. of Credits	1-4
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Justify upper/lower division status & number of credits


This course offers opportunities for student research in advanced topics beyond typical undergraduate course offerings. Discipline-specific knowledge or experience equivalent to Freshman or Sophomore standing is assumed. These expectations justify this course as lower division. Enrolled students are required to actively participate in research and scholarship with a faculty mentor and in some cases with professional staff as well. In addition to performing object- and data-specific exercises, they will turn in a final report that summarizes their work. Research and scholarship areas range across an array of museum-based disciplines. Credits (1 or 2) assigned at the beginning of the semester when students enroll. The number of credits taken in a semester are directly related to the number of hours the student commits to the course. Eight credits of 288 could be acquired by students who enroll in the course in multiple semesters, and instructors would ensure that each experience was unique. Each credit corresponds to an average weekly minimum of 3 hours working productively in the collection or laboratory plus 1-2 hours of additional work on the project (e.g., planning, interpretation, notebook and report writing, background reading).

3. PROPOSED COURSE TITLE:

RESTRICTIONS ON ENROLLMENT (if any)

14. PREREQUISITES

JUSTIFICATION FOR ACTION REQUESTED



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JUSTIFICATION FOR ACTION REQUESTED

The purpose of the department and course will be to

[REDACTED]

PRELIMINARY SYLLABUS

MRAP 288 Museum Research Apprenticeship I
1 or 2 credits (3 or 6 hrs/week, Pass/Fail)

Spring 2012

Prerequisites: Permission of instructor (see areas of current opportunities below). Some apprenticeship opportunities may include preferred prior experience. Students must contact one or more of the faculty members listed below and apply for consideration in advance; opportunities and space are both limited. Areas presently offering opportunities and contact information to request instructor permission:

- Birds (Kevin Winker kevin.winker@alaska.edu)
- Mammals (Link Olson leolson@alaska.edu)
- Plants (Stefanie Ickert-Bond smickertbond@alaska.edu)
- Insects (Derek Sikes dsikes@alaska.edu)
- Earth Science (Patrick Druckenmiller psdruckenmiller@alaska.edu)
- Fishes (Andres Lopez jalopez2@alaska.edu)
- Archaeology (Jeff Rasic jeff_rasic@nps.gov)
- Ethnology/History (Angela Linn ajlinn@alaska.edu)
- Fine Art (Mareca Guthrie mrguthrie@alaska.edu)

Location: University of Alaska Museum of the North. No specific rooms to be determined.

Meeting times: Flexible, depending on apprenticeship opportunities.

Instructors: Co-taught by UAM faculty currently who may include Kevin Winker (kevin.winker@alaska.edu), Link Olson (leolson@alaska.edu), Stefanie Ickert-Bond (smickertbond@alaska.edu), Derek Sikes (dsikes@alaska.edu), Patrick Druckenmiller (psdruckenmiller@alaska.edu), Andres Lopez (jalopez2@alaska.edu) and/or Mareca Guthrie (mrguthrie@alaska.edu)

Readings/materials: None required overall, but some apprenticeship opportunities will require lab safety training and/or opportunity-specific readings (equipment or protocol literature). Read and sign appropriate safety and museum security documents, will be provided to the student.

Course description: This is a once- or twice-weekly laboratory/collections-based course for undergraduate students eager to obtain hands-on training and experience in museum science. The University of Alaska Museum of the North is the State's depository of natural history specimens and cultural objects, and we house multiple world-class insect collections. Processing incoming specimens or objects and their associated data is a critical ongoing set of highly specialized tasks. Some of these tasks, for example, turn organisms into scientific specimens that are used to address a broad array of questions in areas as diverse as evolution, ecology, genetics, conservation, and the changing environment. Others process objects of historic or contemporary culture or art for preservation and study of myriad questions about humans, past and present. Careful documentation and preservation are a part of these processes, and this course involves hands-on training and working experience with specimens and objects and their associated data. For example, some students will prepare museum-quality skeletons, skeletons, and sometimes fluid specimens, or dry mounts following standard procedures. During some of these preparations, students will perform a dissection/necropsy and record observational data into a log. They will take measurements, tissue samples, and other parts to preserve as specimens. Students will be encouraged to explore questions about species'

principles of the Code are designed to facilitate communication, foster academic integrity, and defend freedoms of inquiry, discussion and expression among members of the university community. You should become familiar with campus policies and regulations as published in the student handbook.

UAF requires students to conduct themselves honestly and responsibly, and to respect the rights of others. Conduct that unreasonably interferes with the learning environment that violates the rights of others is prohibited. Students and student organizations are responsible for ensuring that they and their guests comply with the Code while on property owned or controlled by the university or at activities authorized by

Trial COURSE or New Course - FORMAT 1

A Few Words on Plagiarism: In ~~general~~ **DO NOT** present someone else's ideas or data as your own: you