

FORMAT 1

Submit original with signatures + 1 copy + electronic copy to Faculty Senate (Box 7500).
See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/> 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	Barbara Taylor	Phone	474-2487
Email Contact	betaylor@alaska.edu	Faculty Contact	Barbara Taylor

1. ACTION DESIRED (CHECK ONE):
 Trial Course New Course

2. COURSE IDENTIFICATION:
 Dept: Course #: No. of Credits:

Justify upper/lower division status & number of credits:
 This is a once-weekly seminar for students engaged in undergraduate research or creative scholarship providing them an opportunity to present their work and listen to other student researchers present their work. One-hour seminars are given by student researchers, especially those who are preparing to present their work at regional or national conferences. Enrolled students are expected to have been actively participating in a research project for at least one semester either as research for credit (397, 497, 388, 488, 498 courses) or as research for pay as an undergraduate research assistant. This last expectation justifies the upper division credit.

3. PROPOSED COURSE TITLE:

4. To be CROSS LISTED? YES/NO

 (Requires approval of both departments and deans involved. Add lines at end of form for such signatures.)

5. To be STACKED? YES/NO
 If yes, Dept. Course #

6. FREQUENCY OF OFFERING:
 Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) — or As Demand Warrants

7. SEMESTER & YEAR OF FIRST OFFERING (AY2011-12 if approved by 3/1/2012; otherwise AY2012-13)

8. COURSE FORMAT:

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, any core course compressed to less than six weeks must be approved by the core review committee.

COURSE FORMAT: (check all that apply)
 1 2 3 4 5 6 weeks to full semester
 OTHER FORMAT (specify) _____
 Mode of delivery (specify lecture, field trips, labs, etc) _____

9. CONTACT HOURS PER WEEK:
 LECTURE hours/weeks LAB hours/week PRACTICUM hours/week

Note: # of credits are based on contact hours. 800 minutes of lecture=1 credit. 2400 minutes of lab in a science course=1 credit. 1600 minutes in non-science lab=1 credit. 2400-4800 minutes of practicum=1 credit. 2400-8000 minutes of internship=1 credit. This must match with the syllabus. See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/guidelines-for-computing/> for more information on number of credits.

OTHER HOURS (specify type)

10. COMPLETE CATALOG DESCRIPTION including dept., number, title, credits, credit distribution, cross-listings and/or stacking (50 words or less if possible):

Provides undergraduate students a venue for presenting their research and learning about peer research at UAF. Students will have an opportunity to gain and develop oral presentation skills and will gain a broad understanding of the significance, process and impact of research as conducted across the wide range of scholarly disciplines of UAF campuses.

11. COURSE CLASSIFICATIONS: Undergraduate courses only. Consult with CLA Curriculum Council to apply S or H classification appropriately; otherwise leave fields blank.

H = Humanities

S = Social Sciences

Will this course be used to fulfill a requirement for the baccalaureate core? **If YES, attach form.**

YES:

NO:

If YES, check which core requirements it could be used to fulfill:

O = Oral Intensive, Format 6

W = Writing Intensive, Format 7

Natural Science, Format 8

12. COURSE REPEATABILITY:

Is this course repeatable for credit?

YES

NO

Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).

Each offering of URSA 492 will feature a unique collection of speakers, thus it will be a different course each time. Undergraduate researchers can be involved in multiple research projects and/or projects spanning multiple semesters. Accordingly, it is appropriate that students be allowed to participate (for credit) in URSA 492 multiple times.

How many times may the course be repeated for credit?

2

TIMES

If the course can be repeated for credit, what is the maximum number of credit hours that may be earned for this course?

2

CREDITS

If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?

CREDITS

13. GRADING SYSTEM: Specify only one. Note: Later changing the grading system for a course constitutes a Major Course Change.

LETTER:

PASS/FAIL:

RESTRICTIONS ON ENROLLMENT (if any)

14. PREREQUISITES

none

These will be required before the student is allowed to enroll in the course.

15. SPECIAL RESTRICTIONS, CONDITIONS

none

16. PROPOSED COURSE FEES

\$0

Has a memo been submitted through your dean to the Provost for fee approval?

Yes/No

17. PREVIOUS HISTORY

Has the course been offered as special topics or trial course previously?

Yes/No

no

If yes, give semester, year, course #, etc.:

Never offered as an URSA course, but a similar course has been instructed as Biology 492 by Barbara Taylor who will now instruct it for URSA.

18. ESTIMATED IMPACT

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

The seminar course will be coordinated by a faculty member, and each seminar will be delivered by a UAF student researcher or creative scholar. Occasionally, graduate students may be granted a schedule slot to fill out the schedule or to provide them an opportunity to practice a presentation for an upcoming meeting. We do not anticipate a negative budget impact. The course will be offered on campus at Fairbanks. A distance delivery version may also be offered and in the future we may offer the course on selected rural campuses.

19. LIBRARY COLLECTIONS

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.

No Yes

Current library resources are satisfactory; no additional library resources will be needed.

20. IMPACTS ON PROGRAMS/DEPTS

What programs/departments will be affected by this proposed action? Include information on the Programs/Departments contacted (e.g., email, memo)

This class will publicize undergraduate research and creative scholarship at UAF and provide opportunities for undergraduate researchers to present their work. In so doing, this seminar course will raise the profile and existence of undergraduate research and contribute to the mission of making UAF one of the nation's premier student-focused research universities. Thus, URSA 492 can be expected to impact all UAF programs and departments, especially those whose projects are presented.

21. POSITIVE AND NEGATIVE IMPACTS

Please specify positive and negative impacts on other courses, programs and departments resulting from the proposed action.

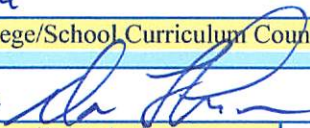

We anticipate that the course will represent an important recruiting platform for prospective undergraduate students and, generally, will have a positive effect on UAF enrollment, retention and student engagement. The only potential for negative impact is if any student research seminars are already being offered within departments and schools; there could be competition for student enrollment. Biology previously had such a course; however, there are currently no instructors available for Biology 492. If such courses exist, cross-listing with URSA could be beneficial by expanding their scope or spreading the workload effort of instruction/coordination.

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 section needs to be self-explanatory. Use as much space as needed to fully justify the proposed course.

Providing opportunities for undergraduate research is a high impact educational practice. In the current economic climate and in the face of rising tuition costs, such high impact practices are essential to successful recruiting and retention of students at post-secondary learning institutions. In recognition of this, the UAF Chancellor and Provost have created URSA. The mission of URSA is to support, develop and institutionalize a broad-based and robust program of undergraduate research and creative scholarship. At all levels, URSA aims to improve skills in critical thinking and communication and to engender a culture of life-long learning among all students, as well as enhance preparation and education of students who will fill the needs of Alaska's 21st century workforce and society. URSA is UAF's resource for the development and promotion of experiential learning activities that engage undergraduate students to support UAF's goal to become a leading student-focused research university. Building on existing efforts and capacities, the program enables UAF students to pursue varying levels of research engagement from a single credit of first-year seminar to independent scholarly investigations or a senior thesis including BFA exhibit or performance. Communication of results is an important part of the research process, and URSA 492 will afford students an opportunity to orally communicate their research findings. These opportunities will have a preparatory benefit; they will help develop and improve communications skills, which are essential for success in any field. For those students who aspire to post-graduate research positions, the opportunity to develop skill communicating research will be particularly beneficial.

APPROVALS: Add additional signature lines as needed.

	Date	
Signature, Chair, Program/Department of:		
<i>none</i>	Date	
Signature, Chair, College/School Curriculum Council for:		
<i>none</i> 	Date	<i>8/9/2011</i>
Signature, Dean, College/School of:		
	Date	
Signature of Provost (if applicable)		

Offerings above the level of approved programs must be approved in advance by the Provost.

ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

	Date	
Signature, Chair		
Faculty Senate Review Committee: <input type="checkbox"/> Curriculum Review <input type="checkbox"/> GAAC		
<input type="checkbox"/> Core Review <input type="checkbox"/> SADAC		

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:		

Trial COURSE or New Course - FORMAT 1

Preliminary Syllabus: This syllabus for URSA 493P 201103 serves as an example
URSA 492 Undergraduate Research and Creative Scholarship Seminar Fall 2011

CRN TBD 1 Credit
Day; time TBD Schaible Auditorium

Instructor: Dr. Barbara Taylor (betaylor@alaska.edu)
Office: 301 Bunnell (URSA Office) 474-2487
Office hours: The URSA Office is open weekdays 9AM to 5PM

Course description: This is a once-weekly seminar for undergraduate student researchers providing them a venue for presenting their research and learning about peer research at UAF. Instruction on effective seminar preparation and delivery is given by the instructor or guest expert. Example seminars may be given by graduate student researchers. The majority of presentations are given by students who present their active or proposed research. Each enrolled student is required to present one research seminar as well as attend the weekly presentations and complete evaluation forms. Seminars will vary in length from 10 to 60 min. Multiple seminars may be given in a single class meeting. In addition to facilitating the gain and practice of oral presentation skills, the seminars will provide an overview of the diversity of research at UAF. Students will gain a broad understanding of the significance process and impact of research as conducted across the wide range of scholarly disciplines represented on all the UAF campuses.

Course goals: Students will gain and sharpen their critical thinking and presentation skills as well as learn about a variety of life science topics from the molecular to the organismal, to the population level. They will also sharpen their critical thinking and presentation skills.

Instructional methods: This course will comprise student-led presentations about current research topics at UAF.

Course readings/materials:

1. Students may wish to refer to:
The Craft of Scientific Presentations: critical steps to succeed and critical errors to avoid
by Michael Alley 2003 Springer
for instruction on preparing and making scientific presentations

2. Occasionally, journal articles resulting from UAF research may be presented, and students will be emailed a pdf copy of the article prior to the presentation.

Policies: Students are expected to attend and complete an evaluation for all seminars.

Grading: This is a Pass/Fail course. A passing grade will be based on active participation in the seminars. 50% of the grade will be based on attendance to the seminar. Students must make one formal presentation on their own research and this will contribute toward 50% of the final grade. Students will receive a failing grade if they do not attend 75% of the seminars OR if they do not make a presentation.

Disabilities: The instructors will work with the Office of Disabilities Service (203 WHIT, 474-7043) to provide accommodations in both the classroom and laboratory to provide equal access to all materials in this course to all students.

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Course calendar: The following is a PRELIMINARY seminar schedule.

DATE	SPEAKER	SEMINAR TITLE
SEP		
6	Course Introduction	
15	Barbara Taylor	Effective Research Presentations
22	Webinar and sign-up	
29	Enrolled student	
OCT		
6	Enrolled student	
13	Enrolled student	
20	Enrolled student	
27		
NOV		
3		
10		
17		
24	THANKSGIVING - NO SEMINAR	
DEC		
1		
8		