

10-day

RECEIVED NOV 0 2 5

69-UNC
FORMAT 1
sign

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 freshman and sophomores (primarily) providing them an introduction to research conducted at UAF. One-hour seminars are given by faculty members or their senior personnel, especially those representing projects that offer research or creative scholarship opportunities to undergraduate students.

3. PROPOSED COURSE TITLE:

4. To be CROSS LISTED? YES/NO If yes, Dept: Course #

(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 fall 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 an overview of the diversity of research at UAF and the opportunities for undergraduate student participation in research and creative scholarship. Students will gain a broad understanding of the significance, process and impact of research as and creative scholarship as conducted across the wide range of disciplines represented on all the 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 course offering will feature presentations by different UAF researchers or creative scholars. Since the intent is to introduce students to topics of research and creative scholarship in which they have opportunities to participate, taking the course twice for credit has a foreseeable educational benefit to students.

How many times may the course be repeated for credit?

TIMES
 CREDITS

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

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**

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

15. **SPECIAL RESTRICTIONS, CONDITIONS**

16. **PROPOSED COURSE FEES**

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

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

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 an invited UAF researcher or creative scholar. Invited speakers will be UAF faculty members or their senior personnel representing research and creative scholarship projects conducted at UAF campuses. 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

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 UAF research and creative scholarship and provide opportunities for meetings between undergraduate students seeking research experiences and faculty members seeking student assistants and mentees. In so doing, this seminar course will raise the profile and existence of undergraduate research and creative scholarship and contribute to the mission of making UAF one of the nation's premier student-focused research universities. Thus, URSA 192 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.

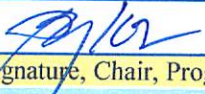
We anticipate that the course will represent an important recruiting platform for prospective undergraduate students and will have a positive effect on enrollment, retention and student engagement. In this regard URSA 192 is similar to the FYE 100 offerings that were established one year ago. A significant difference between the two courses, however, is that FYE 100 aims to connect students one-on-one with faculty members and their research while URSA 192 aims to provide a broad view of UAF research. The only potential for negative impact is if any introduction-to-research seminars are already being offered within departments and schools; there could be competition for student enrollment. We don't know of any such courses, and if they do exist, cross-listing with URSA could benefit such courses 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. Given the size and diversity of the constituency of UAF, as well as of the research conducted on its campuses, an introductory course is needed give students an orientation to research in general and UAF research specifically, which they will encounter throughout their educational and vocational lives.

APPROVALS:

	Date	8-11-2011
Signature, Chair, Program/Department of:	URSA	

none	Date	
Signature, Chair, College/School Curriculum Council for:		

	Date	8/18/2011
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 REGISTRAR'S OFFICE.

ADDITIONAL SIGNATURES: (If required)

	Date	
Signature, Chair, Program/Department of:		

	Date	
Signature, Chair, College/School Curriculum Council for:		

	Date	
Signature, Dean, College/School of:		

APPROVALS: Add additional signature lines as needed.

	Date	
Signature, Chair, Program/Department of:		
	Date	
Signature, Chair, College/School Curriculum Council for:		
	Date	
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: ___ Curriculum Review ___ GAAC ___ Core Review ___ 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:		

Preliminary Syllabus: URSA 192 Introduction to UAF Research Fall 2012

CRN 79782 1 Credit
Wed 4:45-5:45PM 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 freshman and sophomores (primarily) providing them an introduction to research conducted at UAF. One-hour seminars are given by faculty researchers or their senior research personnel, especially those representing projects that offer research opportunities to undergraduate students. The seminars will provide an overview of the diversity of research at UAF and the opportunities for undergraduate student participation in research. Students will gain a broad understanding of the significance process and impact of research as conducted as conducted across the wide range of scholarly disciplines represented on all the UAF campuses.

Course goals: Students will learn about a variety of research topics with a focus on research conducted at UAF campuses. Students will also sharpen their critical thinking and presentation skills.

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

Course readings/materials:

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.

Grading: This is a Pass/Fail course. A passing grade will be based on active participation in the seminars. Students will receive a failing grade if they do not attend 75% of the seminars.

Course policies:

As a UAF student, you are subject to the Student Code of Conduct (<http://www.uaf.edu/ses/student-resources/conduct/#condu>). In accordance with Board of Regents' Policy 09.02.01, UAF will maintain an academic environment in which the freedom to teach, conduct research, learn, and administer the university is protected. Students will enjoy maximum benefit from this environment by accepting responsibilities commensurate with their role in the academic community. The 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 or that violates the rights of others is prohibited. Students and student organizations will be 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 the university.

Disciplinary action may be initiated by the university and disciplinary sanctions imposed against any student or student organization found responsible for committing, attempting to commit, or intentionally assisting in the commission of any of the following prohibited forms of conduct:

- A. cheating, plagiarism, or other forms of academic dishonesty;
- B. forgery, falsification, alteration, or misuse of documents, funds, or property;
- C. damage or destruction of property;
- D. theft of property or services;
- E. harassment;
- F. endangerment, assault, or infliction of physical harm;
- G. disruptive or obstructive actions;
- H. misuse of firearms, explosives, weapons, dangerous devices, or dangerous chemicals;
- I. failure to comply with university directives;
- J. misuse of alcohol or other intoxicants or drugs;
- K. violation of published university policies, regulations, rules, or procedures; or
- L. any other actions that result in unreasonable interference with the learning environment or the rights of others.

This list is not intended to define prohibited conduct in exhaustive terms, but rather to set forth examples to serve as guidelines for acceptable and unacceptable behavior.

Honesty is a primary responsibility of you and every other UAF student. The following are common guidelines regarding academic integrity:

1. Students will not collaborate on any quizzes or exams that will contribute to their grade in a course, unless permission is granted by the instructor of the course. Only those materials permitted by the instructor may be used to assist in quizzes and exams.
2. Students will not represent the work of others as their own. A student will attribute the source of information not original with himself or herself (direct quotes or paraphrases) in compositions, theses and other reports.
3. No work submitted for one course may be submitted for credit in another course without the explicit approval of both instructors.

Alleged violations of the Code of Conduct will be reviewed in accordance with procedures specified in regent's policy, university regulations and UAF rules and procedures. For additional information and details about the Student Code of Conduct, contact the Dean of Student Services or web www.alaska.edu/bor/ or refer to the student handbook that is printed in the back of the class schedule for each semester. Students are encouraged to review the entire code.

A Few Words on Plagiarism: In general, DO NOT present someone else's ideas or data as your own: you are expected and required to give credit where credit is due. Plagiarism is a violation of the law and may lead to serious repercussions! Please follow the following guidelines: for any written assignments, if you use someone else's ideas, data, or other information, write it in your own words and include the reference in parentheses directly following that information. Avoid copying someone else's text. If, however, you feel you have to include an exact copy of that text, put it in quotation marks followed by the reference in parentheses. Of course, include all cited references in the Literature Cited section. During oral presentations, please acknowledge the sources by mentioning their name(s) and year of publication or by printing them on overheads, slides, or handouts. Also be aware that you need to cite earlier work by yourself. Any substantial use of any written or other materials that was used for another course or that was generated in any other circumstances will not be accepted for credit in this course. Only minor contributions from earlier work with appropriate citation(s) will be accepted.

Withdrawal:

Students are expected to formally withdraw from the class if they cannot complete the course. I will not automatically withdraw students who do not attend or fall behind. Students who do not successfully complete the class and do not withdraw will receive a grade of "F".

Participation and Preparation:

"Participation" is defined as being on time, staying for the whole class, and contributing in groups. Please share your thoughts respectfully with the whole group, as this is how we can all learn from each other. Inappropriate behavior will not be tolerated. Students are expected to contribute to class in a manner that is conducive to learning. Students who display behavior that is disrespectful or distracting to class participants or that is inappropriate for a classroom setting will be asked to leave.

Student Responsibility:

As students, you must accept the responsibility of ensuring your own success. It is your responsibility to know what you need to do and when you need to do it. This requires a great deal of initiative on your part. Always ask if you don't know what is expected of you. Never wait for someone to tell you. "I didn't know," and "no one told me," are not acceptable reasons for failure to fulfill your student obligations. I am here to help and support students who take the initiative to help themselves.

Support Services:

Students in need of support are encouraged to contact me via telephone. I have posted office hours and am available for group and private face to face meetings during the specified times. All college classes require strong reading and communication skills. There may be a student support program in your area. If you feel that you may be falling behind, contact me immediately. I want you to be successful. Never be afraid to ask for help.

Disabilities Services:

The Office of Disability Services (612 N Chandalar, 474-5655) implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials. I will work with the Office of Disabilities Services to provide reasonable accommodation to rural students with disabilities. Please contact me or The Office of Disability Services is you require special assistance.

Example schedule from special topics offering
 Course calendar: The following is a PRELIMINARY seminar schedule.

DATE	SPEAKER	SEMINAR TITLE
SEP		
7	RESEARCH FAIR 11AM - 2PM WOOD CENTER	
14	Tim Lower CLA	Building Bracewell's Probe with Quantitative Phenomenology
21	Vincent Cee CLA	Research on Music Teaching and Learning
28	Mike Castellini SFOS	From Pole to Pole: Science in the Arctic and Antarctic
OCT		
5	Bill Simpson CNSM	Undergraduate Research in Chemistry and Biochemistry
12	Kelly Drew CNSM	Raising the Dead
19	Richard Collins CNSM/GI	Laser Radar and Remote Sensing of the Atmosphere
26	Rob Prince	Documentary Filmmaking Opportunities at UAF
NOV		
2	Craig Wisen SOM	Managing the Student Investment Fund
9	Channon Price CNSM	Teleportation, Code Breaking, and Measurements without Interactions: The Tangibility of Entanglement
16	Arleigh Reynolds	Sled Dog Nutrition: Fueling Canine Elite Athletes
23	THANKSGIVING - NO SEMINAR	
30	Rose Meier & Amy Breen	Ethnobotany: Traditional Uses and Knowledge of Plants
DEC		
7	Shiva Hullavarad CEM	Nanotechnology and Interdisciplinary Research