

41-GNC (sig)

FORMAT 1

Submit original with signatures + 1 copy + electronic copy to UAF Governance.  
See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

**TRIAL COURSE OR NEW COURSE PROPOSAL**

**SUBMITTED BY:**

Department	<b>ANTHROPOLOGY</b>	College/School	<b>CLA</b>
Prepared by	<b>MARK SICOLI</b>	Phone	<b>474-884</b>
Email Contact	<b>msicoli@alaska.edu</b>	Faculty Contact	<b>Mark Sicoli</b>

**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 graduate seminar with a high reading load and expectations of students' participation in round-table discussions.**

**3. PROPOSED COURSE TITLE:**

**Language and Prehistory**

**4. To be CROSS LISTED?**

Yes  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?**  No  If yes, Dept:  Course #

[Empty box]

**11. COURSE CLASSIFICATIONS:** (undergraduate courses only. Use approved criteria found on Page 10 & 17 of the manual. If justification is needed, attach on separate sheet.)

H = Humanities

S = Social Sciences

Will this course be used to fulfill a requirement for the baccalaureate core?

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).

[Empty box for justification]

How many times may the course be repeated for credit?

TIMES

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.

LETTER:

PASS/FAIL:

**RESTRICTIONS ON ENROLLMENT (if any)**

**14. PREREQUISITES**

Graduate Student Enrollment or Permission of Instructor.

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

**15. SPECIAL RESTRICTIONS/CONDITIONS**

[Empty box for special restrictions]

**16. PROPOSED COURSE FEES**

\$

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

Yes/No

[Empty box for memo submission]

**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.:

[Empty box for previous history details]

**18. ESTIMATED IMPACT**

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

[Empty box for estimated impact]

This course will form part of the graduate offerings in Linguistic Anthropology that addresses requests of graduate students to develop linguistic anthropological courses that could be directly integrated into theses and dissertation topics for graduate students in Archaeology and Physical/Biological Anthropology. It will also be of value for graduate students in linguistics and mathematics.

***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

ATTACH COMPLETE SYLLABUS (as part of this application)

Note: The guidelines are online: <http://www.uaf.edu/uafgov/faculty/cd/syllabus.html>

The department and campus-wide curriculum committees will review the syllabus to ensure that each of the items listed

below are included. If items are missing or unclear, the proposed course change will be denied.

SYLLABUS

COURSE INFORMATION

Title: Language and Prehistory

Number: ANTH 659 / LING 659

Credits: 3.0 CR

~~Prerequisite: Graduate Student Enrollment or Permission of Instructor~~

Meeting Time: TBA

INSTRUCTOR	TEACHING ASSISTANT
Instructor: Dr. Mark Sicoli Office Location: 312D Eielson Office Hours: TBA Telephone: 474-6884 Email: msicoli@alaska.edn	TBA Office Location: TBA Office Hours: TBA Telephone: TBA Email: TBA

REQUIRED TEXTS:

Mace, Ruth, Clare J. Holden and Stephen Shennan (eds). 2005. *The Evolution of Cultural Diversity: A Phylogenetic Approach*. Left Coast Press.

~~Griffiths, J. L. 2000. *Cultural Evolution*. Left Coast Press.~~

CATALOG DESCRIPTION:

**ANTH F659 Language and Prehistory**

**3 Credits** Offered Fall Even-Numbered Years

What can we learn about the past through the comparison of languages? This course surveys the theory and methods that use linguistic data to reconstruct prehistory. We will study the evolutionary frameworks of case studies that make efforts to integrate the subfields of

computational methods of phylogenetics. **Prerequisites: Graduate Student Enrollment or Permission of Instructor.** Cross-listed with LING F659. (3+0)

COURSE GOALS

The goal of this seminar is to engage the study of prehistory through the application of linguistic methods. Students will become familiar with the history of this field, its successes and its

**STUDENT EVALUATION:**

Students will be evaluated on the bases of class participation, reading responses, homework/practical exercises, leading two seminar meetings, a research paper, and a long presentation of research results.

**COURSE REQUIREMENTS:**

~~Class participation: Students are expected to attend class regularly and arrive on time~~

There are typically 3-5 reading assignments per week that are required, as well as

Grading is based on the following scale. No pluses or minuses will be given:

60-69% D  
59% and below F

#### ACADEMIC INTEGRITY:

Plagiarism is a form of cheating in which you use anyone else's ideas and/or words (not

published or personally communicated) without proper citation of the source. Whether from a printed source, the Internet, a lecture or a friend or family member, you must cite the source properly, if you got the idea from someone else—and this is true even if you are not using the Source's exact wording. Be aware of the University's policies on academic dishonesty.

When academic dishonesty is documented on any assignment or exam, you will receive a zero and the matter may be turned over to the Dean of Students for inquiry, with a failing grade in the course.

You should familiarize yourself with the Student Code of Conduct




**DISABILITY SERVICES:**

The University of Alaska is committed to providing equal access for students with disabilities. If

you experience a disability and will need special accommodations, please contact me during my office hours. The UAF Disability Services office is located in the Whitaker Building, room 208 and can be contacted by email at [uaf-disabilityservices@alaska.edu](mailto:uaf-disabilityservices@alaska.edu), by phone at (907)474-5655, or by TTY at (907)474-1827.

# COURSE SCHEDULE

WEEK 1 Introduction: Questions, Theories, Methods



Week	Topic	Readings	Assignments	Exercises
1	Introduction: Questions, Theories, Methods			
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WEEK 6 Bioinformatic Methods of Phylogenetics

Cavalli-Sforza, Luigina Luca 2000. *Genes, Peoples, and Languages* Ch. 6 Cultural Transmission and Evolution.

Grey, Bryant, and Greenhill 2010 "On the Shape and Fabric of Human History"

D. Bryant, F. Filimon, R. D. Gray. "Untangling our Past: Languages, trees, and

networks"

Holder and Shennan "How Tree-like is Cultural Evolution"

WEEK 7 Bioinformatic Methods of Phylogenetics (cont)

Dunn et al. 2005 "Structural Phylogenetics and the Reconstruction of Ancient Language History"

Holden, Meade and Pagel "Comparison of Maximum Parsimony and Bayesian Bantu Language Trees"

Atkinson, Q. D., Nicholls, G., Welch, D. and Gray, R. D. (2005). From Words to Dates: Water into wine, mathematics and phylogenetics in linguistics

Transactions of the Philological Society, 103(2), 193-219.

Mace, Ruth "On the Use of Phylogenetic Comparative Methods to Test Co-evolutionary Hypotheses across Cultures"

WEEK 10 Case Study: Dene-Yeneseic

Kari and Potter "Introduction: The Dene-Yeniseian Connection"

Part 1: The evidence for Dene-Yeniseian"

Comrie, Bernard "The Dene-Yeniseian Hypothesis"

Vajda, Edward "A Siberian Link with Na-Dene Languages"

Vajda, Edward "Yeniseian, Na-Dene, and Historical Linguistics"

Rubicz, Rohina et al. 2005. "Genetic evidence for the phylogenetic relationship between Na-Dene and Yeniseian Speakers." Human Biology

WEEK 11 THANKSGIVING RECESS

WEEK 12 Case Study: Dene-Yeneseic (cont)

Rubiz, Rohina et al. 2005. "Genetic evidence for the phylogenetic relationship between Na-Dene and Yeniseian Speakers." Human Biology

**America"**

Scott, Richard and Dennis Q'Rouke "Genes across Beringia"

Ives, John et al. "Dene-Yeniseian and Processes of Deep Change in Kin Terminologies"

Kim-Maloney "Comparison of a Pair of Ket and Diné (Navajo) Myth Motifs.