

FOR MORE INFORMATION, CONTACT:  
Jayne Harvie

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|------|-----|--|---------|
| 2:45 | IX  | Discussion Items   | 10 Min. |
|      |     | <ul style="list-style-type: none"> <li>A. UAF Accreditation and Status of Core Curriculum Review Project</li> <li>B. Development of an Ad Hoc Senate Research Committee</li> <li>C. Redistribution of Senate Representation</li> <li>D. Update on UAF Bookstore's move to online ordering</li> </ul>   |         |
| 2:55 | X   | Committee Reports  | 10 Min. |
|      |     | <ul style="list-style-type: none"> <li>A. Curricular Affairs – Amber Thomas / Falk Huettmann (Attachment 153/3)</li> <li>B. Faculty Affairs – Cathy Cahill</li> <li>C. Unit Criteria - Brenda Konar</li> <li>D. Committee on the Status of Women - Jane Weber</li> <li>E. Core Review - Michael Harris / Latrice Bowman (Attachment 153/4)</li> <li>F. Curriculum Review - Rainer Newberry</li> <li>G. Faculty Appeals &amp; Oversight – James Bicigo</li> <li>H Faculty Development, Assessment &amp; Improvement – Dana Greci / Julie Lurman Joly</li> <li>I. Graduate Academic &amp; Advisory Committee – Ron Barry</li> <li>J. Student Academic Development &amp; Achievement - Cindy Hardy</li> </ul> |         |
| 3:05 | XI  | Members' Comments/Questions  | 5 Min.  |
| 3:10 | XII | Adjournment  |         |

ATTACHMENT 153/1  
UAF Faculty Senate #153, October 13, 2008

**RESOLUTION ON TUITION RATES FOR GRADUATE STUDENTS  
AFTER TWO YEARS OF STUDY**

**WHEREAS**, out-of-state graduate students pay higher /P A

ATTACHMENT 153/2  
UAF Faculty Senate #153, October 13, 2008

MOTION:  
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The UAF Faculty Senate moves to approve the Graduate Certificate in Statistics.

EFFECTIVE:           Spring 2009 and/or  
                          Upon Board of Regents approval.

RATIONALE:           See the full program proposal #1-GNP from the Fall 2008 review  
                          cycle on file in the Governance Office, 314 Signers' Hall.

Certificate is a post-bachelors program, equivalent to a full year of graduate statistics courses. Courses will be in applied statistics, with one theory-based core course (STAT 651) from the M.S. in Statistics.

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**Overview**

College of Natural Science and Mathematics  
Department of Mathematics and Statistics

Graduate Certificate in Statistics  
Minimum Requirements for the Certificate: 12 credits

The Graduate Certificate in Statistics is designed for students who are pursuing a graduate  
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4. Complete one of the following options:

A. One of the following theory courses:

STAT 652-- Statistical Theory II.....4

STAT 653-- Statistical Theory III.....3

**OR**

B. Two graduate statistics courses (STAT 602, STAT 605,  
STAT 611, STAT 621, STAT 631)

2. Complete additional graduate courses to total at least 12 credits by completing graduate  
STAT courses and/or courses from the following:

STAT 461—Applied Multivariate Statistics .....3

PHYS 628—Digital Time Series Analysis .....3

WLF/FISH 625—Analysis of Vertebrate Population  
Survival and Movement.....3

FISH 601—Quantitative Fishery Science.....3

ECON 626—Econometrics.....3

ECON 627—Adv. Econometrics.....3

ESM 621-- Operations Research .....3

MATH 641—Real Analysis .....4

MIN/GE 653—Geostatistical Ore Reserve Est .....3

6. Minimum credits required.....12

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**University of Alaska Board of Regents  
Program Approval Summary Form**

MAU: UAF

**Title:** Graduate Certificate in Statistics

**Target admission date:** Spring 2009

**How does the program relate to the Education mission of the University of Alaska and the MAU? What State Needs are met by this program?**

From UAF Vision Statement, the interests of the university includes spearheading integrated research “emphasizing our complex high latitude physical, biological and social systems”; students success (in general); and “...vitality and creativity of new discoveries and research...”. The proposed Graduate Certificate in Statistics will encourage and reward more in-depth study of statistics by graduate students, primarily in the sciences. This will improve the students’ employability and improve the quality of research design and analysis.

**What are the Student opportunities and outcomes? Enrollment projections?** We sent out an informal e-mail survey of interest in the program to graduate students in the College of Natural Sciences and Mathematics and to graduate students in the School of Fisheries and Ocean Science. We received fourteen replies- ten said they were interested but wanted more information while four said that they were likely to enroll. Faculty from the SFOS in Juneau sent the following comment: “Many of our graduate students in Fisheries would be interested in certifying an expertise in statistics. The statistical theory course series in particular would be very useful to us.”

**Describe Research opportunities:** Many research activities involve research design and statistical analysis. To the extent that the Graduate Certificate encourages, recognizes and rewards strong quantitative skills, especially in the fundamentals of statistics, it will support the goals of other graduate programs at UAF.

**Describe Fiscal Plan for development and implementation:** There are only negligible costs associated with the proposed program. These include a need for annual program assessment, some advising and possibly an increase in the sizes of some statistics courses. This should not result in an appreciable increase in workload.

**UNIVERSITY OF ALASKA FAIRBANKS**  
**Department of Mathematical Sciences and Statistics**  
**Graduate Certificate in Statistics**  
*Academic Outcomes Assessment Plan*

**Curricular Affairs Committee  
Meeting Minutes: September 22, 2008**

**Present:** Carrie Baker, Dana Thomas, Ken Abramowicz, Seta Bogosyan, Jane Allen, Falk Huettmann, Beth Leonard, Rainer Newberry, Amber Flora Thomas, Tim Stickel, and Melissa McGinty

- Dana discussed the meaning of a “liberal education” and the necessity of doing a “holistic” assessment of the core curriculum. Some of the main issues addressed related to E-portfolio, the pros and cons of standardized tests, and federal aid which would allow the institution to transfer student credits from other institutions with greater ease.
- Dana presented information about the Provost’s committee for the evaluation of the core. He wanted to make sure the committee was okay with the proposed members, and the representation throughout the institution.
- Dana informed the committee about two conferences specifically related to issues of core assessment, which members of the Provost’s committee on the core would be attending in the coming months.
- It was pointed out that one of the main concerns with changing the core curriculum is the concern many departments have with their budgets. The committee agreed that it was in our best interest to pull the curriculum that was in place before 1991 and compare it with the current curriculum.
- Committee members agreed that there needed to be more connection between the different areas of the core, or at least that student learning outcomes should be at the top of the list when considering the goals associated with a new curriculum.
- Dana presented a draft proposal for a new General Studies degree, which will take into consideration students who are transferring into the institution with more than 100



ATTACHMENT 153/4  
UAF Faculty Senate #153, October 13, 2008

**CORE CURRICULUM COMMITTEE  
REPORT TO UAF FACULTY SENATE  
ADMINISTRATIVE COMMITTEE  
October 3, 2008 - 1-3 p.m.**

- 1) At the end of Spring term, 2008, the committee voted to allow Latrice Laughlin (nee Bowman) and Michael Harris to deal with Committee business administratively until the first meeting in Fall. The committee has not yet held its first meeting. Current core business includes Business Administration (BA232Xa Business Ethics) and MIS (MIS 301).

request from Jim Gladden (Political Science) to offer PS 300X in Wintermester. Neither request has been approved by CLA Academic Council.

-Core contacted Jim Gladden who has taught PS 300X on a number of occasions, and assures us that 1) the content of the compressed offering is not substantively different from the regular offering and 2) that the concerns raised by Philosophy faculty (Edwardo Wilner and Joseph Thompson) considered in regard to Core approved the BA232X, have also been met. Core then approved this request.

-Core has attempted to contact David Fazzino, who is a newly appointed faculty in Anthropology. We hope to get assurance that the compression of ANTH 100X is not substantively different from the regular offering, before approving this request.

- Core again contacted Ron Davis (Dean of CLA), and got his approval to let Core deal with the compression request without prior CLA Academic Council approval.

6) The Core Committee has had some turnover. And does not have representation from all areas comprising Baccalaureate Core.

Core Committee Membership is currently:

Chris Coffman (English)  
James N. Gladden (Political Science)  
Karen Gustafson (Music)  
Suzan Hahn (Library Science)  
Michael Harris (Biology and Wildlife) Co-Chair  
Latrice Laughlan (Math) Co-Chair

Non-voting attendees:

Linda Hapsmith (Academic Advising Center)

It would be useful for the Provost to solicit committee nominees in unrepresented core areas, such as Communications, Anthropology, Sociology, Theatre, History, Economics, and Philosophy, as well as a student member.

This concludes the report.

Michael Harris  
Co-Chair, Core Curriculum Committee