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AGENDA

UAF FACULTY SENATE MEETING #153

Monday, October 13, 2008

1:00 p.m. – 3:10 p.m.

Wood Center Carol Brown Ballroom

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|------|------|---|---------|
| 1:00 | I | Call to Order – Marsha Sousa | 5 Min. |
| | | A. Roll Call | |
| | | B. Approval of Minutes to Meeting #152 | |
| | | C. Adoption of Agenda | |
| 1:05 | II | Status of Chancellor's Office Actions | 5 Min. |
| | | A. Motions Approved: none | |
| | | B. Motions Disapproved: none | |
| 1:10 | III | Public Comments/Questions | 10 Min. |
| 1:20 | IV | A. President's Comments – Marsha Sousa | 10 Min. |
| | | B. President-Elect's Report – Jonathan Dehn | 5 Min. |
| 1:35 | V | A. Remarks by Interim Chancellor Brian Rogers | 10 Min. |
| | | B. Remarks by Provost Susan Henrichs | 10 Min. |
| 1:55 | VI | Governance Reports | 10 Min. |
| | | A. Staff Council – Juella Sparks | |
| | | B. ASUAF – Brandon Meston | |
| | | C. UAFT/UNAC | |
| 2:05 | | BREAK and PHOTO -- Photograph taken of Senate by Todd Paris | |
| 2:20 | VII | Guest Speaker | 15 Min. |
| | | A. Paul Reichardt | |
| | | Topic: Changing NWCCU Accreditation Standards and UAF | |
| 2:35 | VIII | New Business | 10 Min. |
| | | A. Resolution on Graduate Student Tuition Rates, submitted by GAAC (Attachment 153/1) | |
| | | B. Motion to approve a Graduate Certificate in Statistics, submitted by GAAC (Attachment 153/2) | |

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| 2:45 | IX | Discussion Items | 10 Min. |
| | | A. UAF Accreditation and Status of Core Curriculum Review Project | |
| | | B. Development of an Ad Hoc Senate Research Committee | |
| | | C. Redistribution of Senate Representation | |
| | | D. Update on UAF Bookstore's move to online ordering | |
| 2:55 | X | Committee Reports | 10 Min. |
| | | A. Curricular Affairs – Amber Thomas / Falk Huettmann (Attachment 153/3) | |
| | | B. Faculty Affairs – Cathy Cahill | |
| | | C. Unit Criteria - Brenda Konar | |
| | | D. Committee on the Status of Women - Jane Weber | |
| | | E. Core Review - Michael Harris / Latrice Bowman (Attachment 153/4) | |
| | | F. Curriculum Review - Rainer Newberry | |
| | | G. Faculty Appeals & Oversight – James Bicigo | |
| | | H Faculty Development, Assessment & Improvement – Dana Greci / Julie Lurman Joly | |
| | | I. Graduate Academic & Advisory Committee – Ron Barry | |
| | | J. Student Academic Development & Achievement - Cindy Hardy | |
| 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 tuition than other UAF graduate students;
and

WHEREAS, the amount of annual income from this out-of-state graduate tuition is small
compared to the UA budget; and

WHEREAS, UAF seeks to increase the number of graduate students who attend and complete
their Master's and Doctoral degree; now

THEREFORE BE IT RESOLVED, that the UAF Faculty Senate recommends that the Board
of Regents policy be amended to offer all graduate students a resident tuition rate after
completion of two years of full-time graduate study at a UA institution.

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.

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 degree in a quantitative field of study. The curriculum of the Graduate Certificate is designed to expose the students to a variety of areas in applied statistics along with a core of theoretical statistics that will enable the students to understand advanced statistical techniques. The Certificate program is entirely based on coursework – there are no comprehensive exams, projects or theses. This Graduate Certificate will also demonstrate students' quantitative expertise to future employers.

Graduate Certificate Program

1. Complete the general university requirements
2. Have a Bachelor's Degree from an accredited institution. Prerequisites are Calc. I, II and III (MATH200-201-202) or equivalent with at least a C in each course and a B average overall, and STAT401 (Regression and Analysis of Variance) or equivalent.
3. Complete the following:

STAT 651-- Statistical Theory I.....3

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

Resources Impact

Implementing the Certificate Program will have virtually no impact on resources. The Department Chair in the Dept. of Mathematics and Statistics or a designated Faculty member will have to answer questions about the program and review applications. There will be program assessment required. There may be a slight increase in enrollment in applied statistics courses. The statistics core courses are likely to have an increase in enrollment, but not one that would require any reallocation of workloads; current enrollment in these courses is 5 to 10. No new courses, new library materials or facilities will be required.

**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

Date: July 2008

Certificate or Degree Program: Graduate Certificate in Statistics

Mission: We shall provide quality education responsive to the needs of individual students and the diverse population of Alaska.

Goal: To assure that our graduates are adequately prepared to succeed in the job market through the application of advanced statistics to their primary field of study.

Intended Outcome Objectives	Assessment Criteria	Implementation Procedures (what, when, who)
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The Graduate Certificate in Statistics will further students' career and improve the quality of their research in their primary area of expertise.	Alumni survey	Each May, the statistics faculty will send an alumni survey to all students who graduated the previous year. The statistics faculty will evaluate the survey responses. We will ask the alumni for suggestions for improvements in the program, applicability to their academic research and career.
Students' will leave the program with adequate skills in advanced statistical theory and methods.	Evaluation of student learning.	Once each year, the statistics faculty will meet to discuss the performance of Graduate Certificate Students in their courses.
	Evaluating the prerequisites of students entering the program.	Once each year, the statistics faculty will examine the background of all entering students, and determine whether the students are starting the program with adequate skills.

**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 credits, as well as students who have enough credits to graduate, but cannot complete one or two classes in a particular degree to graduate. The committee will continue to discuss and evaluate the proposal for at least a few more meetings before reaching any resolution. At this point, one of the concerns is whether or not the proposed degree should be in General Studies. Should it be called a “Leadership Degree,” or a “Regent’s Degree?” These are just a few of the names other similar universities have used when designing this specialized degree program.

**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 2008. The Committee has not yet held its first meeting. Current Core business (described below) is being conducted via email.
- 2) A number of student petitions were ruled on over the summer, primarily to facilitate student graduation and clarify transfer credit issues.
- 3) On 9/19/08 Core received two requests for approval to offer core classes in the Wintermester, 2009; BA232X (Business Ethics) and MUS 200X.

-Florie Wilcoxson (Associate Director UAF Summer Sessions) contacted Core, and informed us that approvals were required before 9/30/08, to allow these offerings. Core expressed some discomfort with the late notice of these requests, and have suggested a submission deadline on September 1 for future Wintermester applications. Summer Session will consider this issue.

- The Philosophy Department was consulted as to the appropriateness of offering a core ethics equivalent in a compressed format. A positive response was received from both Philosophy faculty (Edwardo Wilner and Joseph Thompson), and Core approved the BA232X request.

-Core committee members raised concerns about the ability to meet the spirit of the core, while offering an ART/MUS/TH 200x equivalent course in a highly compressed format. As the course had been successfully offered in a slightly less compressed form in the Summer, and the instructor assured Core that the same material will be presented, Core approved the MUS 200X request. During deliberation, Core members raised the question whether Wintermester should be used for any 3-credit Core courses, as this mechanism may encourages students to marginalize and trivialize Core courses by getting them 'out of the way' quickly in wintermester rather than integrating them into their schedule during the regular semesters. Core will consider this further.

- 4) On or about 9/20/08 the Core Co-Chair (M. Harris) received a telephone message noting that a request to offer LS 101X in Wintermester. On 9/26/08, having not received such a request, Core contacted the instructor (Lisa Lehman, Library Sciences), who informed us that she had been stalled by the need to have the compression first approved by CLA Academic Council - and that this committee is not chaired currently. Core contacted Ron Davis (Dean of CLA), and got his approval to let Core deal with the compression request. Lisa Lehman provided the necessary documents for the request, these were circulated to Core Committee members, and the request was approved by Core.
- 5) On 10/01/08 Core received an email and supporting documentation, from David Fazzino (Anthropology) requesting approval to offer Anth 100X in Wintermester. On 10/03/01 Core received an email from Jayne Harvie (faculty Senate Office manager) forwarding a

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