

17 March 2011

### **Minutes of Faculty Senate Meeting**

17 March 2011

Chair Stan Howard called the meeting to order at 11:05 a.m. Senators present: Drs. Jason Hower, Marius Ellingsen, Dan Kratzer, John Dreyer, Frank Matejcik, PV Sundareshwar, Larry Stetler, Chuck Kliche, Bill Cross, Travis Kowalski, Thomas Fontaine, Chip Tolle, and Al Boysen, with Michael Foygel missing. Dr. Henry Mott and Dr. Dana Medlin were also in attendance.

The agenda for today's meeting was approved by general consent without objection.

Upon motion by David with second by Larry, the minutes of the 10 February 2011 Faculty Senate were approved.

#### **Report from the Chair**

- A. President Wharton as requested meeting with the Senate, invited to attend in April.
- B. Cabinet Meeting Report – Dr. David Boyles
  - All tobacco products banned from use on campus
  - Resolution from the Student Senate regarding advising
- C. Academic Calendar Working Group
  - BOR group to consider changes to state academic calendar practices
  - School year start date, number of academic days per semester
  - Issues referred to senators via email with discussion in April
- D. Faculty Senate approval of Mr. James Green for honorary doctorate at Spring 2011 commencement.
  - Results of email vote follows the minutes

#### **Reports of Standing Committees**

- E. Academic Affairs:

##### *BME Non-Thesis Option, Dr. Dana Medlin*

Not currently an approved degree for BME program  
Non-Thesis option offered when BME program was going to end  
Currently 4 students without qualified on-campus advisors  
Non-Thesis Option would meet campus non-thesis requirements  
Non-Thesis only approved for 4 students  
Mary Lynn Huber  
Madhu N. Panchakshari  
Christopher Allen Rangel  
Naresh Reddy Vemula

Motion by Bill, seconded by P.V. to approve a non-thesis masters degree for the 4 students in question.

##### Discussion

Why was there not a non-thesis option originally? Unknown  
Why is Senate being asked to approve this request? Policy of BME program not Senate  
Dr. Logar requested Senate approval  
Let minutes show we have considered this issue and referred approval to the BME  
Program Director

Let minutes show Senate we have considered the issue and support the student's situation

Dr. Boyles called the question and voting on the motion 6 vote in favor with 5 against and 2 abstaining, the motion passes.

*SDSM&T BS Degree Curricular Requirements*

Proposed modification to catalog text as attached following the minutes

Proposal created at working meeting of 8 faculty members

Motion by David, seconded by Bill to approve the proposed modification to the BS Curricular Requirements on 1<sup>st</sup> reading. Motion passes with 1 dissenting vote.

Discussion

Where did 25% of total credits required come from? 25% is an increase from 32 current to 34 proposed. Does this limit what credits can be deleted if we need to decrease the number of credits.

Change 25% to 32 credit hours

Proposed modification will create a requirement that students must take 3 credits of upper level humanities or social sciences.

Could SDSMT request 300-level HUM/SS course into the general education requirement (Goal#3 and Goal#4) to offer better balance between course loads, course sizes, and number of courses offered

Central issue might be 12 or 15 required credit hours of HUM/SS courses

Why reduce HUM/SS content – expansion of discipline specific courses

*Curriculum Requests*

Motion by Bill, seconded by Tom to include the BS EnvE program modification in the approval of March Curriculum committee request approvals. Motion carries.

Motion by Bill, seconded by Jason to approve the March 2011 Curriculum Requests that were approved by the Curriculum committee and the BS EnvE program modification. The motion passes with 2 dissenting votes and 2 abstentions.

F. Research and Scholarly Affairs:

*Ethics and NSF requirement (with Academic Affairs) – report in April*

G. Finance and Personnel:

No Report

H. Student Affairs:

No Report

I. University Relations:

*Weekly Webcast to include other campus programs beyond athletics*

Contact Dan Kratzer if you are interested.

J. Senate Bylaws

No Report

**Old Business**

1. Campus Committee Restructuring in progress
2. Student Opinion Surveys, Dr. Travis Kowalski

Campus response rate has decrease from ~80% to ~60% with on-line administration

Data suggests an increase in biomodal behavior of the responses with the middle voices  
decreasing in number

Senate to discuss the scope and frequency of student opinion survey at April meeting

Motion by David, seconded by Larry that we recommend to Dr. Hrcir that student opinion surveys not  
be required for every class, every semester. The motion passes

Discussion

Frequency of survey tied to rank and position in promotion process

Custom question responses should be returned

### **New Business**

1. None

Upon motion by David, seconded by Chuck, the meeting adjourned at 12:50pm.

**Proposed (replaces below statements in the catalog)**

**Curricular Requirements**

Each Bachelor of Science program is required to have a curriculum that satisfies the requirement of the accreditation of the respective degree program. Additionally, the curriculum for each BS degree must satisfy the general education core requirements of the South Dakota Board of Regents. Bachelor of Science degree programs must also satisfy the following requirements:

- a. Thirty-two (32) credit hours of the required credits must be a combination of college-level mathematics (College Algebra and above) and natural sciences appropriate to the program. Additionally, each Bachelor of Science graduate is required to complete Calculus I (Math 123).
- b. Each Bachelor of Science graduate must complete a minimum of 3 credits of upper division humanities or social sciences coursework.

Each program shall determine the appropriate courses for its curriculum subject to approval through the university curricular review process culminating with approval by the Faculty Senate.

**Replaces:**

**Curricular Requirements**

All Bachelor of Science programs require the general education core requirements as described earlier. Other requirements for each degree are determined by the faculty in each program, with approval through the university curriculum approval process. Some of these other program requirements are common to most or all programs offered at School of Mines. These include

- A. Mathematical Sciences: all programs, with the exception of interdisciplinary science, geology and mining engineering, require a minimum of 16 credit hours of mathematics at the level of calculus and above.
- B. Basic Sciences: minimum of 16 credit hours –  
CHEM 112, 112L, PHYS 211, and PHYS 213 are required for all engineering curricula.
- C. Humanities and social sciences: minimum of 15 or sixteen 16 credit hours - This subject area must include six credits in humanities and 6 credits in social sciences. The number required for each major is listed in the department section of the catalog. Students majoring in engineering must complete at least three of these credits at an advanced level.

28 February 2011  
Faculty Senate Email Vote

Under the guidance of Dr. Stan Howard, Faculty Senate Chair, the Senate conducted an email vote to address approval of the Spring 2011 commencement speaker as required before the March BOR meeting.

The motion that **Mr. James A. Green to be the SDSM&T spring 2011 commencement speaker and to award him the degree *Honorary Doctor of Science* at the spring 2011 graduation.** Was voted upon by email in a roll-call vote and passed with 14 votes in favor, no votes against, and one voter abstaining.

|                          |         |
|--------------------------|---------|
| Dr. David Boyles, Chem   | Abstain |
| Dr. Jason Hower, CBE     | Yes     |
| Dr. Thomas Fontaine, CEE | Yes     |
| Dr. Charles Tolle, ECE   | Yes     |
| Dr. Larry Stetler, Geo   | Yes     |
| Dr. Al Boysen, Hum       | Yes     |
| Dr. Frank Matejcek, IEng | Yes     |
| Dr. PV Sundareshwar, IAS | Yes     |
| Dr. Bill Cross, MET      | Yes     |
| Dr. Travis Kowalski, MCS | Yes     |
| Dr. Marius Ellingsen, ME | Yes     |
| Dr. Chuck Kliche, MEM    | Yes     |
| Dr. John Dryer, SS       | Yes     |
| Prof. Dan Kratzer, PE    | Yes     |
| Dr. Michael Foygel, Phys | Yes     |