

Natural Sciences and Mathematics Council

Meeting Minutes for February 19, 2012

Wolfe Hall 1240 3:30 – 5:00 PM

Call to Order

Roll Call – Secretary - Jon Bossenbroek

Present: James Anderson, Bruce Bamber, John Bellizzi, Jon Bossenbroek, Mike Cushing, Fan Dong, Hans Gottgens, Xiche Hu, Edith Kippenhan, David Krantz, Nick Podraza, Tony Quinn, Joe Schmidt, Friedhelm Schwarz, JD Smith, Gerard Thompson, Sibylle Weck-Schwarz, Don White

Absent: JD Smith (excused)

Motion to approve Minutes from January 22, 2013 Meeting

Motion – Anderson, 2nd – anonymous, Vote – Aye: unanimous

Update on Workloads

Ashburner –Biology Chair Doug Leaman and Dean Bjorkman had a meeting in Provost office.

Apparent that Provost was unprepared for how the College did our workload documents

College needs to bring evidence of rationale, including:

List of degree programs

Listing of courses that meet program needs

Spreadsheet of courses

Engineering has similar meeting tomorrow

White – Pharmacy is toeing old line.

Krantz – Recommended article –in The Chronicle, Jan. 7, 2013, *How Many Administrators Are Too Many?*

Ohio revised code now has an Increase in State expectation of 1 course/yr.

Friedhelm – Will there be permanent exemptions?

Krantz – exceptions (not exemptions)

Intent is to initiate the discussion [within Departments about Program structures]

Believes the next action will be to cut programs

Ashburner – changes in workload will not change budget hole

By March 1 – begin review of programs

Expectation is that the Dean will have to make cuts

Krantz – paraphrasing comments heard on this issue

Deans have been advocates for programs, but they don't have "skill set" to cut programs.

White – Only way to save money is to cut faculty. Especially concerned for young active faculty.

Krantz – Faculty are considered a labor cost.

Friedhelm – Cutting math programs will result in losing faculty

Weck-Schwarz – Couldn't cut all the faculty and come up with the money to cover the deficit.

Announcements

The Interim Vice Provost for Enrollment, Dr. Cam Cruickshank, will come to NSM meeting in March.

He has a background in online ventures.

Ben Pryor – coordinating Apple Higher Education with UT

Active learning with Apple – Presentation tomorrow.

UT now in contract with Digirati Co. to develop an Intern program in Ohio. The pilot web-site is at:

<http://utoledo.interninohio.com/Public/Home.aspx>

Put together a database of internships that matches students with companies

Ashburner – this is a cool program.

For example – DTE can hire more interns because Digirati handles the paperwork.

Quinn – Is there correlation between disciplines?

Ashburner – Yes, students fill out a survey.

Quinn – Most internships with STEM disciplines.

White – Actuarial math are very interested.

Upcoming college elections

Weck-Schwarz – have roster from College, but not yet from Grad School.

Elections that go out from College for CCAP and Graduate Council

Elections need to be held at Department level also for Council members.

Krantz – *Weck-Schwarz to send memo to chairs and c.c. council members.*

Weck-Schwarz – There are some peculiarities in term length for different department, which need to be addressed. For example, Env. Sci. has one person on a 5-year term.

Weck-Schwarz – some clarifications on faculty status.

Schmidt – There are some minor constitutional issues that need to be addressed.

We need to add some language to our constitution per the University Council.

If we do not put language in, the Council could disband College Council.

Update on Curriculum Committee business – Tony Quinn

Program modification in Physics

Previously needed a minimum C in every course.

Modification is to have an average of a C

Motion to approve modifications

Vote: Aye – unanimous

New course in Mathematics and Statistics

New course in statistics

White – 2640 – requested by Bio and Env. Sci.

1. Those departments will require this course for certain programs.
2. Title: Statistics for Applied Sciences
3. There are some pre-reqs. 1730 or 1750 or 1830 or 1850 or 2450

Two new courses and several modifications to numbering in Mathematics and Statistics for the PhD program in Statistics.

Gerard

The reason is that there is no longer a rationale for PhD students to take Real Analysis, but rather courses in Measure Theoretic Probability – 2 course series

And 2-course series in Theory of Statistics I & II

Requires a renumbering which

Thus 16 course sheets. 8 sheets, 8 syllabi.

Summary – Proposing a renumbering of courses and the proposal of two new courses in Measure Theoretic Probability.

Discussion

Friedhelm – this might kill the Real Analysis course.

Hu - Are you replacing an existing course number ?

1. This could impact or cause confusion in system.
2. Gerard – Doesn't think there will be any students that have both numbers.
3. Schmidt - Could use the last digit to avoid some of these problems.

Motion to approve Mathematics and Statistics courses and program changes.

Vote: Aye – unanimous.

Report from University Council (brief) – Krantz

Met in January

More diverse than previously thought.

Good substantive questions from Faculty to Provost

Question was posed – Is this workload a one-year fix or part of a continuing structural deficit?

Council recommendation stated strongly – Workload should be reviewed next year.

Bossenbroek – What is the diversity of the faculty?

Krantz – chairs of councils, mostly very senior faculty representatives

there are student representatives (undergraduate & graduate) and they actively participate

Report from Faculty Senate – Don White, Sibylle Weck-Schwarz, David Krantz

February Meeting

UT administration lost a court case based on “substantive consultation” with Faculty Senate.

All restructuring now has to go through Faculty Senate because of law suit.

Discussion

Weck-Schwarz – 8 sabbaticals approved of 22 applications.

Krantz – Last year, Jacobs said “This is a financial decision”

Weck-Schwarz – According to Andy Jorgenson the rejection of sabbaticals was no longer just a financial decision.

Weck-Schwarz – Nick Piazza will be at the Ohio Faculty Council and will discuss workload courses and MOOCS; Please forward any comments to him.

Krantz – New Dean of Honors College has a PhD in Business Admin.

Quinn – Expectation that 20% of students will belong to Honors College?

Krantz – Currently Honors College is about 5% of student body.

Intent is to increase numbers by 5% each year.

Most Honors are typically from upper-middle class families – revenue stream.

One idea is to exempt Honors students from Gen-Ed courses.

This would be in conflict with State requirements.

Weck-Schwarz – Will the Honors College have a faculty?

Ashburner – Similar to Graduate College with affiliate faculty.

White – Spent a good hour on Portals – Honors College

Do we offer a lot of courses that are one-way transfer of information?

Krantz – Looked at a lot of Gen-Ed syllabi [on Core Curriculum Cmt] – saw a lot of courses that were only three exams, all multiple choice, no other coursework

Weck-Schwarz – How does this promote higher learning?

Krantz – Turning higher education into a commodity.

Mission of UT – Low level courses may be over run – so we need to focus on the importance of upper level courses. Things with evaluation, synthesis, etc. add value. Should we focus on 3+2 programs, bringing in Masters programs?

Quinn – Issues with students getting As from Owens, come here and get Cs.

When students move to upper division, they don't know anything.

The knowledge has always been there. That doesn't mean that students are learning.

Deflating the value of a degree.

Friedhelm - there will be no upper level courses because of 30 student limits...

White – please send us info and be prepared for future changes.

Open Discussion – Recent events related to Higher Education in Ohio

This is related to both the teaching workload and impact of MOOCs

Introductory comments by Krantz referred to two documents:

Complete College Ohio, Task Force Report and Recommendations, 2012, University System of Ohio Board of Regents, OhioHigherEd.org

Glenn Harlan Reynolds, *The Higher Education Bubble*, Encounter Broadside No. 29, 2012. www.encounterbooks.com

Point of view of the State (Governor's Office and Legislature)

Higher education needed to:

Reduce unemployment

Increase median income

Improve benefits provided by employers (specifically medical insurance)

Increased tax revenues

Research by state universities – more than \$6B in FY10 (6th nationally)

Employment and contributes to the economy

A New, Performance-Based Model for Higher Education in Ohio Campus-By-Campus Projection of State Share of Instruction (SSI) Dollars For Fiscal Year 2014

General Revenue Fund (GRF) support for the SSI will increase by \$33 million (1.9%) in fiscal year 2014 and another \$34 million (1.9%) in fiscal year 2015, in recognition of the meaningful work accomplished by university and community college leaders in making Ohio a national leader in *performance-based funding* for higher education.

From the Governor's proposed budget:

SSI – State Share of Instruction, the State subsidy for undergraduate education

“ ... incentivizing increased course and degree completions while holding institutions accountable for results.”

SSI for main-campus state universities:

	Previous	FY14
Degree completion	20%	50%
Course completion	58%	28%
Doctoral/Medical	21.5%	21.5%
Set-asides	0.3	0.3

Also included, retention, but not stated explicitly

“ ... sends a strong message ... that producing an increasing number of quality graduates must be [the] top priority”

Project for UT based on current demographics:

	FY13	FY14	
TOLEDO	\$ 104,450,653	\$ 103,762,194	Loss of about \$690K OR -0.7%
OSU Main Campus	increases by 3.1%		

Formulaic factors for FY15 are not yet finalized

Formulaic factors for FY15 that affect UT

Proportional credit for transfer students

At-risk weights by individual student

Regional campus populations added to main campus

Higher Education Funding Commission

Not a state agency, Freedom of Information Act rules do not apply

Newly proposed bill in Ohio Legislature – changes to the Ohio Revised Code

from Ohio AAUP Feb. 13, 2013

increasing workload for full-time faculty at Ohio's public colleges and universities

Basic provision:

“shall require each faculty member, who was a full-time research or instructional faculty member during the 2012-2013 academic year, to teach at least one additional course during the 2013-2014 or 2014-2015 academic year from the number of courses that faculty member taught during the 2012-2013 academic year.”

Also stipulations for sabbatical and newly hired faculty

Quote from Ohio AAUP:

“By placing such measures in the state budget bill, the unspoken assumptions seem to be that faculty do not work hard enough, or that there will be cost-savings in making faculty teach more courses.”

As stated, does not account for research, service, student advising (which is important for improved retention).

No New Business from the floor

No Announcements

Adjournment at 5:05 PM