

MINUTES from Friday, Dec. 14th, 2018 CBA Curriculum Committee

Convened by M. Hamman (ECO) at 1:00 pm.

Members Present: C. Kiersch (MGT), M. Hamman (ECO), M. McDermott (MKT), J. Kilchenmann (ACC), D. Annino (IS), Y. Lim (FIN)

Others in Attendance: N. Vidden (CBA Academic Services Director - Consultant), K. Graham (Chair AOL-guest), Robert Allen, Eddie Kim, Whitney George, James Pierce (Math Department)

1. M/S/P to approve 10/26/18 meeting min 6/0/0

2. Math discussion background
 - General theme from ETS data- CBA students rank worse in the quant which is one of the reasons we wanted to come together to brainstorm.
 - Background of the charge- there is a variation in the majors of what math is needed.
 - ECO- need derivatives (but students do okay on that), but mess up on the algebra, regressions and often calc based skills, they also would like marginal analysis, optimization, ECO doesn't do as much with integrals (but it is covered for 2-3 weeks in 175).
 - MKT- more data driven skills, not necessarily calculus
 - FIN- derivates, log/exponential functions
 - MGT- programs (excel), basic calculus, data management, linear regression
 - ACC- more application Time Value of Money (bond prices, interest rates, compounding interest), business/math intersections. They do not use calculus in any of their classes
 - IS- they have a pre-req issue and their students need calc (they have 4 semesters after 175), students need the ability to understand a formula and break down functions. They get a lot of students from CS that already have more math.
 - Math is very open to conversation and to serving our needs and are not set on 175.

3. Math courses
 - Math 175- Does cover continuous compounded interest, logs, but it isn't the driving force as calculus is.
 - Math 123- This is a new gen ed math class- Math 123--Using Math for decision making. Covers excel and financial calculations. It could increase math quant literacy but is not calculus. They cover mean, standard deviations, venn diagrams with surveys- collecting and analyzing survey results (this could be a business theme project in the future if desired), financial needs- interest, mortgages. There isn't much overlap beyond descriptive statistic of Math 123 and Stat 145.
 - Math 151- log, trig, exponentials- gets them ready for 207.

Concerns to consider

- IS has a lot of folks transfer in and there might be some challenges there with a menu approach to different math.
- Math 123 is the same placement at Stat 145 so most student will place in 123
- Math 123 is the model for the quant literacy for the system- it will be transferable across the system. UW-L was a pilot school.
- There is some overlap between Math 123 and Eco 230- this might be really helpful but also might be an issue with a menu approach if students took 175.
- We also need to consider where this is placed in the business programs (right now it is common and goes to the pre-core) or does it go to the majors.
- Would need to go to core course coordinators to see if there are pre-reqs on the core courses.
- The CBA would still like the C or better in Math 150 and STAT 145 even if we don't have

Recap

- As a college we don't want less math- but rather a shift- we know we can't do both 123 or 175- the question becomes do we have two pathways or do we rework 175.
- Math needs a clear idea of what everyone's needs are- can we get it in a class. We can't add calc based content to MATH 123 because it serves CLS. A reworked or blended class would need to occur at 175 or we would need to create a new course.
- CBA CC can work to schedule at time with Math towards the end of the semester. In the mean time, math will send some updated syllabi for Math 123 and Math 175. They will be updating CIM form on 123 after this first year.
- AOL continues to discuss where is the best place to assess quant skills and what is the standard we wish to see as a college.
- We may need a task force to look at the Math 175- we are here as dept reps- but the people who teach downstream need to have a great understanding

4. Open meeting changes

- We will vote on CIM in person from here forward
- Meeting are posted on open meetings and chairs are notified
- Thus we will need a special meeting before the college meeting so that Eco can come to the College for a vote at the January CBA meeting.

5. CIM approvals

- Acc 301- M/S/P- 6-0-0
- IS 310- M/S/P 6-0-0
- HIMT M/S/P- 0-1-5

