Call to order: A quorum being present, the chair called the meeting to order at 3:30p.m. in the Pitman Cataldo room. The January 25th minutes were approved unanimously, with corrections.

New Business:
Regarding item UCC-16-034, it was noted that Shauna Corry, Don, and Kenton were planning to meet and speak about the State Board core requirements.

UCC-16-030  COLLEGE OF AGRICULTURAL AND LIFE SCIENCES
Dan suggested that the Committee discuss all of UCC-16-030 and then vote, as the items on 30 and 31 are interconnected. Tim suggested that the Committee discuss the items up to the PSES items and then move forward. Dan affirmed.

Dan noted that the new prefix is the name of the College—CALS. Tim explained that the new prefix doesn’t constitute a department change and Dwaine explained further that the program in question is administered through the Academic Programs Office, not the College of Agricultural and Life Sciences.

Tim noted that the AgEd course being added has been taught already and simply needs to be put on the books. He also noted that the Department proposed adding AgEd 258 to the Agricultural Education curricular requirements because it is a course required of high school agricultural teachers. It was moved and seconded to approve the prefix change and the changes to the AgEd courses. The motion passed unanimously.

Tim introduced the changes from PSES. He explained that the GENE prefix is being utilized for the course cross-listed with PlSc 207. He noted that most of the changes were matters of housekeeping; updating prefixes in cross listings, removing out-of-date courses from curricula, and joint listing instead of cross listing certain Plant Science courses. A committee member asked how the Registrar’s Office would signal to students that certain courses were cooperative. Dwaine noted that the designation being absent won’t hurt students.

Dan suggested that the course descriptions for joint listed classes be updated so that the language describing the graduate level courses is consistent between descriptions. A committee member suggested this specific language: “Extra oral and/or written assignments required for graduate credit.”

It was moved and seconded to approve all PSES items, contingent upon updating the descriptions. The motion passed unanimously. Todd and Tim noted a typo in the changes to the B.S.Ag.L.S degree: “One of the following (3-4 cr)” should actually be two the three credits.

UCC-16-031  COLLEGE OF SCIENCE
Mark explained that “there isn’t much to” the changes, despite the volume. He suggested discussing items by discipline. It was moved and seconded to approve the credit changes to the Bioinformatics and Computational Biology Master’s Degree. The motion passed unanimously.

BIOLOGICAL SCIENCES
Mark explained that all MMBB courses have been cross listed with other courses and the MMBB prefix is now irrelevant. Mark also explained that the NEUR prefix is being removed because the same courses are offered elsewhere. He noted that he included a typo in the rationale: “neurology” should be “neuroscience.”
Mark explained that the courses being added are also being cross listed with CALS courses listed on UCC-16-030. This means that the GENE courses have to be added to COWS by the College of Agricultural and Life Sciences. It was moved and seconded to approve all changes prior to Geography. The motion passed unanimously.

**GEOGRAPHY AND GEOLOGY**

Mark noted that Karen Hume teaches the Geography course being added: Geog 453. He explained that a new professor is teaching Geog J407/J507 and the description is being updated as per their preferences. Mark explained that the Geology courses are also being reshaped. Matthew asked whether the field trip described in Geol J407/J507 was optional, as other descriptions specify that a field trip is “required” and Geol J407/J507’s description does not. Mark suggested striking “required” from all descriptions that deal with field trips. It was moved and seconded to approve the Geology changes. The motion passed unanimously.

**MATHEMATICS**

Mark explained that the most significant Math changes were the changes to the major. He noted that, historically, the Math department was aptly described as the “Department of Ivory Tower.” That is no longer the case, as the department has begun offering courses in mathematical applications. Mark also noted that the COMPASS test is going away and being struck from the prerequisites. Don noted that Math 160 and Math 170 include the phrases “Carries no credit after Math 170” and “Carries 2 credits after Math 160,” respectively. Mark explained that the credit awards aren’t symmetric because the courses present calculus at different levels. 160 has “no pretense at rigor” while 170 is more challenging. Students are discouraged from taking 160 after 170, but some students take 160 and then switch to a major that requires 170. The two credits are a “booby prize” for those students. Mark said that he was not worried about students receiving no credit for classes as good advising would steer students away from taking 160 after 170.

Dan noted that some of the prerequisite lists include the link to the University’s required placement scores. He said that it made sense to include the link in all Math courses that require a placement test. Matthew noted a typo in the Math 143 link: “plaement” should be “placement.”

Mark explained that the changes to Math 215 are part of changing the major. The department has decided to require 215 for more students, as it is a gentler intro to Number Theory. Math 215 used to be taught in isolation, but the department is moving toward teaching a body of mathematics, instead. 215 is the second course in a two semester sequence. The first course is Math 176.

Mark noted that Math 519 is now a Math Education course. He noted a final course change: a small adjustment to Math 528’s prerequisites. It was moved and seconded to approve all changes to Math courses, contingent upon editorial changes. The motion passed unanimously.

Mark explained that there were too many options in the math major and the department is reworking three options, in addition to a small change to the Statistics option. He explained that the General Option is the best for Math students who go on to attend graduate school, as it is the most mathematically rigorous but not the longest. He noted that Math 461 and 471 are the gauntlet for mathematics majors. Finally, he noted that the General Option is the best for people pursuing careers in secondary education because certification requires exposure to multiple topics. To that end, the old requirements were problematic because the MathEd people had to take all 300 level courses. Now, they have a large available core with Stats and Computer Science courses instead of Physics. The result is a cleaner, equally difficult program.

Kenton asked how the physics faculty reacted to the Physics courses being removed. Mark replied that the woman representing the Physics department objected to the changes, but the courses simply don’t use enough calculus. Specifically, 211 is almost calculus-free. He noted that the Mathematics department felt it was better that students become familiar with computers.

Mark explained that the Computation Option is being streamlined. There is considerable overlap between this option and Computer Science, which will benefit double majors. Regarding the Scientific Modeling Option, Mark
explained that the University needed a modeling option in order to receive the NSF grant. This option was difficult to advise for, as the course list was not current and many courses were no longer available. Lastly, Mark noted that the name should be “Quantitative Modeling” and not “Scientific Modeling.” Dwaine responded that the department will need to submit a separate form to change the name of the option. It was moved and seconded to approve all changes to the Math department, contingent on edits, with the exception of the Modeling Option name changes. The motion passed unanimously.

**PHYSICS**
Mark explained that the labs are being removed and renamed Laboratory Physics I and II. Physics 213L is being dropped entirely. The department is adding math courses to its curriculum to help students that are struggling with Physics’ mathematical components. Joe asked whether the 213 material will be covered in the Laboratory Physics courses. Mark responded that there isn’t a perfect correspondence between the course and the lab, but the lab activities are still manageable and worthwhile. Joe suggested speaking to people in the College of Engineering about the Laboratory Physics courses and Phys 213. Mark suggested that the committee vote on items. The committee tabled Phys 211L, 212L, and 213L. It was moved and seconded to approve Phys 321 and 351. The motion passed unanimously. It was moved and seconded to approve the changes to the Physics M.S. and Ph.D. The motion passed unanimously.

**STATISTICS**
Mark introduced the changes: Removing the COMPASS test and removing references to Math courses from the prerequisites. Mark noted that the website language should be added to Stat 416.

**UCC-16-031a and UCC-16-031b COLLEGE OF SCIENCE**

**GEOGRAPHY**
Mark explained that the department proposed dropping the Climate Change minor and adding an undergraduate Climate Change certificate in its place, as the Climate Change minor never caught on. Kerri noted that all REM courses are now NRS courses and it was noted that the prefixes will update automatically. It was moved and seconded to approve discontinuing the minor and adding the certificate. The motions passed unanimously.

**UCC-16-031c**

**BIOLOGICAL SCIENCES**
Mark explained that the department proposed dropping the graduate Reproductive Biology certificate that never caught on. It was moved and seconded to approve the discontinuance. The motion passed unanimously.

The meeting was adjourned at 4:40 PM. UCC will meet again on February 8, 2016.

Grace Miller, UCC Secretary