Disciplinary Panel: Natural and Mathematical Sciences

11/10/2010 11am-12:30pm

Attendees: Andereck, Breitenberger, Craigmile, Daniels, Gustafson, Hadad, Hughes,  *Lanno*, Meyers, Shapiro, Turner, Vaessin, Wolfe

1. Housekeeping
   1. Provide DA with a list of service courses and how they will convert.
   2. Seems to be a problem with MS/BS programs, please wait to enter those programs
   3. Flexible scheduled: means offering a compressed course for teachers, or some kind of other schedule that is outside the normal scheduling scheme.
      1. Not study abroad, not field experience.
      2. A decimal is not required (but could use) for courses sometimes online or at metro schools
   4. Sub-plans
      1. List specializations to show on transcript and degree audit under sub-plans
      2. Specify in attachments
      3. If you would like a track to be recorded on the transcript under sub-plan, use term specialization and enter them under the sub-plan section of PACER
   5. Transition plans, should add a paragraph about advising. See Women’s Studies for example, pg 15 of WS BA proposal
   6. Research hours: Can a student get paid for research and get credit towards the major? TG will check on rule
2. Biochemistry
   1. Offers a BA and BS, revisions are minor
   2. Biggest change is a 3 quarter Biochemistry series will now be a 3 semester series
      1. Series is moved earlier into career, Biochemistry class will be taken concurrently with the 2nd semester of Organic Chemistry
      2. Credit hours are increased from quarters, by 5 credit hours
   3. An option of removing Chemistry 221 is mentioned in the proposal. Committee reviewer (Hadad) recommends keeping the course in the program for the purpose of ACS certification.
      * 1. Currently major is not ACS certified, but may be included as a specialization
   4. Where is the clarification of number of electives? Where is the advising sheet?
      1. There are not any required electives in the program. Students can take them but not required for the degree
      2. Will clarify the document
   5. Would remove the GE courses from the 4 year plan to avoid confusion on hours
      1. The plan could be misleading as far as the foreign language requirement. How realistic is the plan? Includes a very heavy course load
      2. All GEC courses are at the end of the career
      3. Plan is representative of a student who will apply to medical school. They would want to take the sciences in first three years to prepare for the MCAT and do interviews in the last year.
      4. Plan will be rearranged and resubmitted without putting in specific GE courses
   6. Transition plan does not show credit hours
   7. The BA will need its own entry in PACER
   8. The BA only requires one semester of the 2 semester series of 231, committee reviewer recommends to require both
      1. 245/246 in labs will no longer exist under semesters.
      2. Purpose of keeping BA in program is for students who drop Organic Chemistry and decide to no longer be pre-Med
   9. Who sets the requirements for pre-Med students?
      1. Direction comes from the OSU medical school
   10. under sample curriculum for students starting this year, there is no description about how department will contact the students in question.
       1. Advising will recommend the bridge course, taken in quarters. To prepare for the timeline transition under semesters.
       2. It is an existing course, being offered at a different time. A bridge scheduling instead of a new course
       3. What about students who fail the winter quarter course?
          1. Currently, there is no option to repeat without waiting another year. Will be same under semesters.
   11. Math requirements for the BA are the same as the BS, might want to revisit the requirement
3. Statistics Master of Applied Statistics
   1. Changes seem reasonable, no real change in hours
   2. Streamlined program, taken away some of the options for specialization, because there was no real difference for the students
   3. Seems like a lot of hours. What kind of students apply for this program?
      1. Some are sponsored by the department and others pay their own tuition.
      2. In the past, some students have been taking a PhD program and also the MAS. Don’t see this happening in the future.
      3. Foresee an increase in the graduate minor because of the 3 credit hours post candidacy rule
   4. DA will send back for the revision
4. EEOB BA
   1. Courses listed at 10+ quarter hours, moving to 2 or 3 under semesters
   2. Use Chemistry 251 instead of 231
   3. Changes are described as insignificant, but seem significant
      1. Students now have specific courses to take instead of having groups to choose from
      2. Will be clarified in language
   4. Will continue discussion at next meeting