Approved January 29, 2014

COLLEGE OF ARTS AND SCIENCES
GRADUATE STUDIES COMMITTEE
Meeting #2
November 21, 2013
217 Varner Hall

MINUTES

Present: S. Dykstra, K. Hay, A. Knutson, R. Stewart, J. Walters

1. Graduate Studies Update

2. Committee approved Minutes #1, October 24, 2013.

3. Committee approved the request from the Department of Mathematics and Statistics to make the following **changes** to *catalog copy*:

   Master of Arts in Mathematics

   a. **Change** the following under the Degree Requirements section:

      To fulfill the requirements for the Master of Arts in Mathematics a student must successfully complete, with at least a 2.5 in each course and an overall GPA of 3.0 or better, a ~~36~~ *32* credit program is outlined below. *(Change number of credits from 36 to 32.)*

   b. **Change** the following under the Course Requirements section:

      a. Core requirements (at least ~~28~~ *24* credits in the mathematical sciences)
      (Change number of credits from 28 to 24.)

   c. **Change** the following under the Good academic standing section:

      Departmental requirements: To fulfill the requirements for a Master of Science degree in applied statistics, a student must successfully complete, with at least a 2.5 in each course and an overall GPA of 3.0 or better, a ~~36~~ *32* credit program as outlined above.

4. Committee approved the request from the Department of Mathematics and Statistics to make the following **changes** to *catalog requirements*:

   Master of Science in Applied Statistics

   a. **Change** the following under the Degree Requirements section:

      To fulfill the requirements for a Master of Science degree in applied statistics, a student must successfully complete, with at least a 2.5 in each course and an overall GPA of 3.0 or better,

a ~~36~~ *32* credit program as outlined below:
(Change number of credits from 36 to 32.)

b. **Change** the following under the Course Requirements section:

b. Electives (at most ~~20~~ *16* credits)
(Change number of credits from 20 to 16.)

c. All students must take ~~20~~ *16* credits of elective courses. No more than 8 credits can be outside the STA or BST rubrics. All students have the option to take elective courses from the list of courses for the biostatistics concentration. All of the selected courses must be approved by the student's adviser.

c. Biostatistics concentration (16 credits)

Students may choose to apply ~~16 of their 20~~ *the 16* elective credits toward the biostatistics concentration. The concentration emphasizes statistical theory and methods so that the students are prepared to be statistical collaborators in interdisciplinary studies, take an active role in the design and execution of clinical trials, and develop methodologies relevant for biostatistics. In order to complete the biostatistics concentration, a student must select elective courses that meet the following requirements:

c. **Change** the following under the Good Academic Standing section:

Departmental requirements: To fulfill the requirements for a Master of Science degree in applied statistics, a student must successfully complete, with at least a 2.5 in each course and an overall GPA of 3.0 or better, a ~~36~~ *32* credit program as outlined above.

5. Committee approved the request from the Department of Mathematics and Statistics to make the following **changes** to *catalog requirements*:

Master of Science in Industrial Applied Mathematics

a. **Change** the following under the Degree Requirements section:

To fulfill the requirements for a Master of Science degree in industrial applied mathematics, a student must successfully complete, with at least a 2.5 in each course and an overall GPA of 3.0 or better, a ~~36~~ *32* credit program as outlined below:
(Change number of credits from 36 to 32.)

b. **Change** the following under the Course Requirements section:

c. Electives (at most ~~12~~ *8* credits)
(Change number of credits from 12 to 8.)

Elective courses to complete the ~~36~~ 32 credit requirement. The two elective courses may be from the MTS rubric. The set of courses must be approved by the student's adviser.

c. **Change** the following under the Good Academic Standing section:

Departmental requirements: To fulfill the requirements for a Master of Science degree in industrial applied mathematics, a student must successfully complete, with at least a 2.5 in

each course and an overall GPA of 3.0 or better, a ~~36~~ *32* credit program as outlined above.

6. Committee approved the request from the Department of Mathematics and Statistics to make the following **changes** to *catalog copy*:

   Doctor of Philosophy in Applied Mathematical Sciences

   a. **Change** the following under the Program Requirements section:

      A minimum of ~~90~~ *80* credits beyond the bachelor's degree is required for the Doctor of Philosophy in applied mathematical sciences degree consisting of 60 credits (15 courses) of coursework, *and 20 credits of* APM 790 or STA 790 (Dissertation Research), *Up to* 3 credits of APM 695 or STA 695 (Problem Solving Seminar) may be counted in the ~~27~~ *20* dissertation credits. *(Change number of credits from 27 to 20.)*

   b. **Delete** the following under the Course Requirements section:

      ~~In addition, the requirements include completion of at least 3 credits (included in dissertation research credit requirements.) of the following 1-credit seminar.~~

      ~~APM 695 – Problem Solving Seminar (1 credit)~~

   c. **Change** the following under the Course Requirements section:

      APM 790 – Doctoral Dissertation Research (~~27~~ *20* credits)
      (Change number of credits from 27 to 20.)

      or

      STA 790 – Doctoral Dissertation Research (~~27~~ *20* credits)
      (Change number of credits from 27 to 20.)

      Up to three credits of APM 695 or STA 695 may be included in the 20 credits.

7. Committee approved the request from the Department of Music, Theatre and Dance to:

   a. **Add** the following *new courses*:

      MUE 519 University Chamber Orchestra (0 or 1)
      Performance of chamber orchestra repertoire. Membership by audition.
      Prerequisite: permission of instructor.

      MUE 555 Opera (0, 1, or 2)
      Production and performance of a full-scale opera. Cast by audition
      Prerequisite: permission of instructor.

   b. **Change** the credit requirement for the following degree programs from 36 credits to *32* credits through reduction of 4 elective credits in each:

      Master of Music in Conducting

Master of Music in Instrumental Performance
Master of Music in Music Education

Master of Music in Piano Pedagogy
Master of Music in Piano Performance
Master of Music in Vocal Pedagogy
Master of Music in Vocal Performance

8. Committee deferred the request from the Department of Music, Theatre and Dance to add the following new degree program:

   Master of Music Education (M.M.E.)

9. Committee approved the request from the Department of Psychology to:

   a. Add *new courses*:

   PSY 658 Psychology of Human Sexuality (4)
   In-depth account of the current research on the psychology of human sexual behavior. General topics include sexual behavior, risk-taking, and theories of sexual orientation, intimacy, and paraphilias. Students will learn to critically examine current findings and theories on human sexuality from a psychological perspective.

   PSY 659 Current Directions in Evolutionary Psychology (4)
   Overview of historical and modern research and theory addressing one or more current directions in evolutionary psychological science. The instructor will introduce key concepts, issues, and areas of research, but in each case students are expected to take an active role in discussing and developing the topic under consideration.

10. Committee denied the request from the Department of Psychology to:

   a. Add *new courses*:

   PSY 694 Graduate Research Apprenticeship I (2 or 4)
   Guide through the process of completing a research project including the following areas: reviewing a particular body of literature, designing a study, collecting data, analyzing data, and manuscript preparation. Prior to enrollment in this course, students should begin considering the process that leads to successful completion of a research project. Possible research topics should be formulated by the student and discussed with the instructor. Prerequisite: permission of instructor.

   PSY 695 Research in Psychology II (4)
   Faculty mentorship in various steps of the research process.
   Prerequisite: PSY 694 and permission of instructor.

   PSY 696 Research in Psychology III (4)
   Faculty mentorship in various steps of the research process.
   Prerequisite: PSY 695 and permission of instructor.

PSY 697 Research in Psychology IV (4)
Faculty mentorship in various steps of the research process.
Prerequisite: PSY 696 and permission of instructor.

PSY 698 Research in Psychology V (4)
Faculty mentorship in various steps of the research process.
Prerequisite: PSY 697 and permission of instructor.

b. Allow PSY 658 Psychology of Human Sexuality and PSY 659 Current Directions in Evolutionary Psychology to serve as elective courses within the M.S. in Psychology

c. Allow PSY 694 Graduate Research Apprenticeship I, PSY 695 Research in Psychology II, PSY 696 Research in Psychology III, PSY 697 Research in Psychology IV, and PSY 698 Research in Psychology V to serve as elective courses within the Ph.D. in Psychology.

SKD/as