College of Science Curriculum Committee

Minutes

October 12, 2017

Hickory 254-H

**Voting**:

☒ Krista Hines ☒ David Hoeinghaus ☒ Amy Petros

☒ Yuri Rostovtsev ☒ Rudi Thompson

**Non-Voting**:

☒ Julie Kirkland ☒ Pamela Padilla ☒ John Quintanilla

**Visiting**:

☒ Lior Fishman ☒ Todd Lang ☒ Nirmala Naresh

1. Welcome
2. Approval of Minutes of September 2017 Meeting
3. Notes on Last Week’s UUCC Meeting
   1. All items passed today will go to UUCC for approval in the 2018-19 catalog.
   2. Resolution of compliance with Component Area Option.
4. Undergraduate Program
   1. College of Science
      1. Change in Undergraduate Degree Requirements: <http://unt.curriculog.com/proposal:3954/form>
         1. Reduction from 42 required advanced hours to 36 advanced hours **APPROVED 5-0**
         2. Bachelor of Arts: Elimination of COS science requirement **APPROVED 5-0**
         3. Bachelor of Arts: Modification of foreign language requirement **APPROVED 5-0**
         4. Proficiency in algebra prior to admission into the College of Science **APPROVED 5-0**
      2. Health Professions Student Development Certificate: <http://unt.curriculog.com/proposal:4000/form> **APPROVED 5-0**

*Justification*: Preparing for admission to a health professional school can be a difficult and confusing process for any pre-health student. Without the proper direction, awareness, and personal diligence, students run the risk of derailing their goals of becoming a future healthcare practitioner. In order to be successful, students need structure, accountability, and little victories throughout their undergraduate career. The Health Professions Student Development Certificate was designed to provide these supportive attributes. Not only will students strengthen the basic sections of a professional school application, but they will also be challenged to think critically about their future role in healthcare. Since UNT does not offer a pre-health major, this certificate will provide realistic expectations and valuable preparation through four categories: Healthcare Competency Development, Community Service, Healthcare Experience, and Application Awareness & Enhancement.

The Health Professions Student Development Certificate is open to all majors at UNT and will be administered through the College and Schools in collaboration with the Office of Health Professions.

* 1. Department of Mathematics
     1. Request for Experimental Course
        1. **Math 1980: Introduction to the history and philosophy of Mathematics:** <http://unt.curriculog.com/proposal:3791/form> **APPROVED 5-0**

*Course Description*: A survey of the development of major mathematical topics, including geometry, algebra, calculus, and advanced mathematics. Philosophical and cultural aspects will be integrated with the structure, theorems, and applications of mathematics.

*Justification*: One cannot really grasp the beauty and importance of Mathematics without understanding its' history and philosophy. Just like any other human activity, it is essential to understand not only the state of the art theory but also the long staircase leading to it. We will explore some major themes in mathematics--calculation, number, geometry, algebra, infinity, formalism and their historical development in various civilizations, ranging from the antiquity of Babylonia and Egypt through classical Greece, the Middle and Far East, and on to modern Europe. We will see how the earlier civilizations influenced or failed to influence later ones and how the concepts evolved in these various civilizations

1. Graduate Program
2. Announcements
   1. Next meeting date: November 9
   2. Please encourage your departments to:
      1. Begin to think about how your department’s degree requirements might change if/when changes to the COS degree requirements are finalized. Students will not see any practical change in their requirements until both the college’s requirements and the department’s requirements are both changed.
      2. Submit course changes to enforce a C or higher prerequisite for your 1000- and 2000-level classes for your majors.
      3. Consider developing a Grad Track program to encourage top undergraduates (and TAMS students) to stick around for graduate study: <http://vpaa.unt.edu/sites/default/files/UNT-grad-track-pathways.pdf> and <https://vpaa.unt.edu/sites/default/files/New_UG_MA_Program_Proposals_08212017_FINAL.pdf>. As part of this work, please develop a semester-by-semester plan for incoming TAMS students to finish all TAMS, undergraduate, and graduate requirements within 5 years (if possible).
3. Approval of Minutes of October 2017 Meeting **TABLED**