College of Science Curriculum Committee

Minutes

October 17, 2019

Hickory 254-H

3:30 pm – 5:00 pm

**Voting**:

☐ Amy Petros ☐ David Hoeinghaus ☐ Kris Sherman

☐ Nirmala Naresh ☐ Duncan Weathers

**Non-Voting**:

☐ Chelsea Heidbrink ☐ John Quintanilla ☐ Guido Verbeck

**Visiting:**

☐

1. Welcome
2. Approve the minutes from September 12 meeting
3. Notes from UCC / Graduate Council
4. Undergraduate Program (for 2021-22 catalog)
   1. Department of Mathematics
5. **MATH 2000 – Discrete Mathematics APPROVED**

[**https://unt.curriculog.com/proposal:7432/form**](https://unt.curriculog.com/proposal:7432/form)

**Proposal: 2020-21 Change in Existing Course (NOT Core Curriculum)**

*Justification: Many non-math majors taking MATH 1710 concurrently do poorly in MATH 2000.*

**ii. MATH 4980 – Introduction to Computational Methods APPROVED**

[**https://unt.curriculog.com/proposal:7357/form**](https://unt.curriculog.com/proposal:7357/form)

**Proposal: Experimental Course**

*Justification:*

1. *This course focuses on the numerical computations of basic math components. Compare to the introduction numerical course MATH 3350, MATH4980 emphasis on higher level with more details, such as LU, Cholesky and QR decompositions of matrix, singular value decomposition and approximation theory.*
2. *As a cross-listed course with computer science department, it provides better opportunities to enhance math algorithm development and programming skills for both sides.*
3. *Based on the basic math components, some related techniques used in computer science field be introduced*.
   1. College of Science
   2. **COS 4980 – Career and Professional Development Seminar APPROVED**

[**https://unt.curriculog.com/proposal:7444/form**](https://unt.curriculog.com/proposal:7444/form)

**Proposal: Experimental Course**

*Justification: The job market is becoming more and more competitive.  With a record number of people in the United States attaining bachelor’s degrees, a simple college diploma is no longer worth what it was.  According to Forbes a few year ago, on average, 118 people applied for any given job that was posted and many of the applicants have ‘set themselves apart,’ through internships, undergraduate research, and other experiential learning opportunities.  So how do employers pick one candidate over the other?*Personal selling*.  COS 4980 is an advanced elective that will focus on the ‘personal selling’ aspects of the career search.  From building professional resumes, understanding how to effectively search for a job in your market, and practicing interviewing skills and elevator pitches, this course is designed to assist in a student’s professional*polish*that will help them get hired in a competitive job market.*

*The course will utilize the Career Center and Career Connect, but will also be taught in a lecture/discussion style format that teaches the soft skills needed to be hirable in today’s market.  The class will culminate in a student going through an entire ‘mock’ job search process from start to finish including finding a job post, writing a cover letter and resume for that job, doing a mock interview for the position, and doing the follow up work post interview.*

*This course will also be an advanced course that can count toward advanced elective hours for students.  Rather than sending them to take random advanced courses across campus, this course will be in COS and will be useful for upperclassmen and hopefully increase our job placement rates in the college, long-term.*

1. Approve the minutes

VI. Discussion items for the future

A. Internship 4890