College of Science Curriculum Committee

Minutes

May 7, 2020

[https://unt.zoom.us/skype/99035659668](https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Funt.zoom.us%2Fskype%2F99035659668&data=02%7C01%7CPatricia.Marshall%40unt.edu%7C8cd19d9570984829f6b808d7ee08f59f%7C70de199207c6480fa318a1afcba03983%7C0%7C0%7C637239594557235805&sdata=ijwiiA2ghk%2F2GYRXEQHSbEn%2FvVZFiYqz2J8bLXOdAHU%3D&reserved=0)

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

1. Welcome
2. Notes from UCC / Graduate Council
3. Undergraduate Program (for 2021-22 catalog)
   1. Department of Chemistry

i. **CHEM 3610 – Quantitative Techniques APPROVED**

[**https://unt.curriculog.com/proposal:8386/form**](https://unt.curriculog.com/proposal:8386/form)

**Proposed: 2021-22 Course Deletion**

*Justification: This course is no longer offered by the department and hasn't been for several years now, nor is it required for any active degree or certificate plan in the University.*

ii. **BS with Grad Track Option Leading to Chemistry, MS APPROVED**

[**https://unt.curriculog.com/proposal:8057/form**](https://unt.curriculog.com/proposal:8057/form)

**Proposed: 2021-22 Add Grad Track Pathway**

*Justification: The sustainable economic growth in the DFW region and the State of Texas in recent years have created a high demand for science majors. One major purpose of this program (new BS with grad track option leading to Chemistry MS) is to better prepare UNT undergraduate chemistry majors for the workforce serving the DFW region and the State of Texas.  Another purpose of this program is to help undergraduate chemistry majors to get ready for doctoral degree in chemistry.*

*Graduate Track Pathway leading to M.S. in Chemistry is designed to offer early provisional admission to exceptional UNT undergraduate students. The Department of Chemistry receives requests from undergraduate chemistry majors each year for enrollment in advanced graduate courses. This trend will continue in foreseeable years. This pathway will provide the opportunity to exceptional UNT undergraduate students to first earn a Bachelor’s degree in Chemistry and then progress on the path towards a Masters (M.S.) degree in Chemistry. This program enables students to move more efficiently through their academic career. We believe this program will be attractive to existing chemistry majors. This program will also serve to attract students to choose chemistry as a major.*

*Grad Track option is a BS/M.S. accelerated program for undergraduate students. The student can take a maximum of 6 credit hours of graduate courses while the student is completing the BS degree. These credits will be counted towards both the BS and M.S. degrees.*

* 1. Department of Physics

i. **Engineering Physics Concentration APPROVED**

[**https://unt.curriculog.com/proposal:8302/form**](https://unt.curriculog.com/proposal:8302/form)

**Proposed: 2021-22 Change in Program**

*Justification: This concentration will enhance a BS Physics degree with engineering and applied Physics courses*.

C. Department of Mathematics

i. **Actuarial Science Certificate APPROVED**

[**https://unt.curriculog.com/proposal:7841/form**](https://unt.curriculog.com/proposal:7841/form)

**Proposed: 2021-22 Change in Program**

*Justification: Math 3860 will be a required course, and FINA 4210 will be*

*optional instead of required*.

D. College of Science

i. **Deletion of Untaught COS Undergraduate Courses APPROVED**

[**https://unt.curriculog.com/proposal:8464/form**](https://unt.curriculog.com/proposal:8464/form)

**Proposed: 2021-22 Information Item – THECB Delete**

Justification: *These courses have not been taught for at least four years*

IV. Graduate Program for the (2021-22 catalog)

A. College of Science

i. **Deletion of Untaught COS Graduate Courses APPROVED**

[**https://unt.curriculog.com/proposal:8465/form**](https://unt.curriculog.com/proposal:8465/form)

**Proposed: 2021-22 Information Item – THECB Delete**

*Justification: These courses have not been taught for at least four years*

B. Department of Mathematics

i. **MATH 5410 Complex Analysis APPROVED**

[**https://unt.curriculog.com/proposal:8059/form**](https://unt.curriculog.com/proposal:8059/form)

**Proposed: 2021-22 Change in Existing Course (NOT Core Curriculum)**

*Justification: The Math 5410-20 sequence prepares students for our Complex Analysis qualifying exam and the new suggested title for Math 5410 is more appropriate.*

ii. **MATH 5420 – Complex Analysis APPROVED**

[**https://unt.curriculog.com/proposal:8060/form**](https://unt.curriculog.com/proposal:8060/form)

**Proposed: 2021-22 Change in Existing Course (NOT Core Curriculum)**

*Justification: The Math 5410-20 sequence prepares students for our Complex Analysis qualifying exam and the new suggested title for Math 5420 is more appropriate.*

iii. **MATH 5530 – Modern Algebra APPROVED**

[**https://unt.curriculog.com/proposal:8062/form**](https://unt.curriculog.com/proposal:8062/form)

**Proposed: 2021-22 Change in Existing Course (NOT Core Curriculum)**

*Justification: Math 5530 is the second semester of our algebra core sequence 5520-30, and the new suggested title for Math 5530 is more appropriate*

iv **MATH, MA APPROVED**

[**https://unt.curriculog.com/proposal:8067/form**](https://unt.curriculog.com/proposal:8067/form)

**Proposed: 2021-22 Change in Program**

*Justification: Required Courses:  We added MATH 5410 and MATH 5420, which had been missing from the list of our core classes.  The requirement that students will normally take five core classes did not change.*

***v MATH, MS* APPROVED**

[**https://unt.curriculog.com/proposal:8063/form**](https://unt.curriculog.com/proposal:8063/form)

**Proposed: 2021-22 Change in Program**

*Justification: Preliminary Information: We removed the demonstration of a proficiency in computer programming.*

*Required Courses:  We added MATH 5410 and MATH 5420, which had been missing from the list of our core classes.  The requirement that students will normally take five core classes did not change.*

V. Approve the minutes

VI. Discussion items for the future

A. Internship 4890