College of Science Curriculum Committee

Minutes

March 8, 2018

Hickory 254-H

**Voting**:

☒ Krista Hines ☒ David Hoeinghaus ☒Sushama Dandekar

☒ Yuri Rostovtsev ☒ Rudi Thompson

**Non-Voting**:

☒ Julie Kirkland ☐ Pamela Padilla ☒ John Quintanilla

**Visiting**:

☒ Lee Slaughter ☐ Bill Acree

1. Welcome
2. Notes from UCC / Graduate Council
3. Undergraduate Program
   1. Department of Chemistry (for 2019-20 catalog)

Change to Existing Course

i. **CHEM 2370 – Organic Chemistry APPROVED 5-0**

[***https://unt.curriculog.com/proposal:4435/form***](https://unt.curriculog.com/proposal:4435/form)

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

*Justification: A specific grade requirement for the pre-requisites are not listed in the catalog currently.  While students may have completed the pre-requisite for CHEM 2370, Chemistry instructors found that students who made a "D" or less were not prepared for success in CHEM 2370, and had difficulty passing the course. Specifying the grade requirement will allow more students to enter CHEM 2370 ready for success.*

ii. **CHEM 3210 – Organic Chemistry Laboratory APPROVED 5-0**

[***https://unt.curriculog.com/proposal:4436/form***](https://unt.curriculog.com/proposal:4436/form)

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

*Justification: A specific grade requirement for the pre-requisites are not listed in the catalog currently.  While students may have completed the pre-requisite for CHEM 3210, Chemistry instructors found that students who made a "D" or less were not prepared for success in CHEM 3210, and had difficulty passing the course. Ill-prepared students also serve as a safety hazard without adequate lab skills learned in CHEM 1420 and CHEM 1440.  Specifying the grade requirement will allow more students to enter CHEM 3210 ready for success.*

B. Department of Mathematics (for 2019-20 catalog)

i. **MATH 1100 – ALGEBRA APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4492/form**](https://unt.curriculog.com/proposal:4492/form)

**Proposal: 2019-20 Change in Existing Course (NOT Core Curriculum)**

*Justification: We are removing Math 1010 as a prerequisite since it will be deleted from the catalog.*

*ii.* **MATH 1580 – SURVEY of MATHEMATICS with**

**APPLICATIONS APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4493/form**](https://unt.curriculog.com/proposal:4493/form)

**Proposal: Change in Existing Course (Core Curriculum)**

*Justification: We are removing Math 1010 as a prerequisite since it will be deleted from the catalog.*

*iii.* **MATH 1710 – CALCULUS I APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4568/form**](https://unt.curriculog.com/proposal:4568/form)

**Proposal: Change in Existing Course (Core Curriculum)**

*Justification: Requiring a grade of C or higher will improve the success rate.*

iv. **MATH – 1720 – CALCULUS II APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4569/form**](https://unt.curriculog.com/proposal:4569/form)

**Proposal: Change in Existing Course (Core Curriculum)**

*Justification: Requiring a grade of C or higher will improve the success rate.*

*v.* **MATH – 2700 – Linear Algebra and Vector Geometry APPROVED 5-0**

[***https://unt.curriculog.com/proposal:4564/form***](https://unt.curriculog.com/proposal:4564/form)

***Proposal: 2019-20 Change in Existing Course (Not Core Curriculum)***

*Justification: Requiring a grade of C or higher will improve the success rate.*

vi. **MATH – 2730 – Multivariable Calculus APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4565/form**](https://unt.curriculog.com/proposal:4565/form)

**Proposal: 2019-20 Change in Existing Course (Not Core Curriculum)**

*Justification: Requiring a grade of C or higher will improve the success rate.*

vii. **MATH, BA (non-teacher certification) APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4559/form**](https://unt.curriculog.com/proposal:4559/form)

**Proposal: 2019-20 Change in Program**

*Justification:* The College of Science approved the change from 42 advanced hours to 36.to the undergraduate degree requirements, and to replace the foreign language requirement by a breadth requirement for the Bachelor of Arts degree.

viii. **MATH, BA (teacher certification) APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4560/form**](https://unt.curriculog.com/proposal:4560/form)

**Proposal: 2019-20 Change in Program**

*Justification:* The College of Science approved the change from 42 advanced hours to 36.to the undergraduate degree requirements, and to replace the foreign language requirement by a breadth requirement for the Bachelor of Arts degree.

iv. **MATH, BSMTH (non-teacher certification) APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4557/form**](https://unt.curriculog.com/proposal:4557/form)

**Proposal: 2019-20 Change in Program**

*Justification:* The College of Science approved the change from 42 advanced hours to 36.to the undergraduate degree requirements.

x. **MATH - BSMTH (teacher certification) APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4558/form**](https://unt.curriculog.com/proposal:4558/form)

**Proposal: 2019-20 Change in Program**

*Justification:* The College of Science approved the change from 42 advanced hours to 36.to the undergraduate degree requirements.

IV. Graduate Program

A. Department of Chemistry

*i.* **CHEMISTRY, PhD APPROVED 5-0**

[**https://unt.curriculog.com/proposal:4571/form**](https://unt.curriculog.com/proposal:4571/form)

**Proposal: 2019-20 Change in Program**

*Justification: 1. The Department of Chemistry Graduate Affairs Committee has revised the Ph.D. and M.S. application requirements in keeping with peer institution application requirements.*

*2. The Department of Chemistry has revised the number of outside courses allowed in the Ph.D. degree to facilitate interdisciplinary study.*

V. Approve of Minutes from March 2018 Meeting

VI. Announcements

A. Next meeting date: April 12, 2018

* 1. Please encourage your departments to:
     1. Begin to think about how your department’s degree requirements might change now that the COS degree requirements have changed (effective 2018-19). 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).