College of Science Curriculum Committee

Minutes

January 18, 2018

Hickory 254-H

**Voting**:

☒ Krista Hines ☒ David Hoeinghaus ☐ Sushama Dandekar

☒ Yuri Rostovtsev ☐ Rudi Thompson

**Non-Voting**:

☒ Julie Kirkland ☐ Pamela Padilla ☒ John Quintanilla

**Visiting**:

☒ Olav Ritchter ☐ Jay Liu

1. Welcome
2. Approval of Minutes of October 2017 Meeting
3. Notes from UCC / Graduate Council
4. Undergraduate Program
   1. Department of Mathematics (for 2019-20 catalog)

Change to Existing Course

i. **MATH -1010: Fundamentals of Algebra APPROVED 3-0** [**https://unt.curriculog.com/proposal:4086/form**](https://unt.curriculog.com/proposal:4086/form)

**Proposal: Course Deletion**

*Justification: Math 1010 has not been offered for several years and will unlikely be offered in the future.*

ii. **MATH -4090: Senior Seminar APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4089/form**](https://unt.curriculog.com/proposal:4089/form)

**Proposal: Course Deletion**

*Justification: Math 4090 has not been offered for several years and will unlikely be offered in the future.*

1. Graduate Program
   1. Department of Mathematics
2. **MATH – 5010 Mathematical Logic and Set Theory APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4262/form**](https://unt.curriculog.com/proposal:4262/form)

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

*Justification: This change is meant to clarify that, while the two courses 5010 and 5020 have the same title and description, they are really two different parts of a year-long sequence and do not involve duplication.*

*ii.* **MATH – 5020 Mathematical Logic and Set Theory APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4263/form**](https://unt.curriculog.com/proposal:4263/form)

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

*Justification: This change is meant to clarify that, while the two courses 5010 and 5020 have the same title and description, they are really two different parts of a year-long sequence and do not involve duplication*.

*iii*. **MATH – 5110 – Introduction to Analysis APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4259/form**](https://unt.curriculog.com/proposal:4259/form)

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

*Justification: This change is meant to clarify that, while the two courses 5110 and 5120 have the same title and description, they are really two different parts of a year-long sequence and do not involve duplication.*

*iv***. MATH – 5120 – Introduction to Analysis APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4261/form**](https://unt.curriculog.com/proposal:4261/form)

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

*Justification: This change is meant to clarify that, while the two courses 5110 and 5120 have the same title and description, they are really two different parts of a year-long sequence and do not involve duplication.*

*v.* **MATH – 5310 – Real Analysis APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4256/form**](https://unt.curriculog.com/proposal:4256/form)

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

*Justification: The proposed title matches the name of the qualifying exam for which these courses prepare. In addition, the courses as they have been taught in recent years include several other topics beside functions of a real variable. (See the proposed descriptions.) The new descriptions are more in line with actual course content.*

*vi.* **MATH – 5320 – Real Analysis APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4257/form**](https://unt.curriculog.com/proposal:4257/form)

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

*Justification: The proposed title matches the name of the qualifying exam for which these courses prepare. In addition, the courses as they have been taught in recent years include several other topics beside functions of a real variable. (See the proposed descriptions.) The new descriptions are more in line with actual course content.*

*vii.* **MATH – 5410 – Functions of a Complex Variable APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4266/form**](https://unt.curriculog.com/proposal:4266/form)

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

*Justification:* This change is meant to clarify that, while the two courses 5410 and 5420 have the same title and description, they are really two different parts of a year-long sequence and do not involve duplication.

viii. **MATH – 5420 – Functions of a Complex Variable APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4267/form**](https://unt.curriculog.com/proposal:4267/form)

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

*Justification: This change is meant to clarify that, while the two courses 5410 and 5420 have the same title and description, they are really two different parts of a year-long sequence and do not involve duplication.*

*ix.* **MATH – 5610 Topology APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4268/form**](https://unt.curriculog.com/proposal:4268/form)

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

*Justification: This change is meant to clarify that, while the two courses 5610 and 5620 have the same title and description, they are really two different parts of a year-long sequence and do not involve duplication.*

*x.* **MATH – 5620 – Topology APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4269/form**](https://unt.curriculog.com/proposal:4269/form)

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

*Justification: This change is meant to clarify that, while the two courses 5610 and 5620 have the same title and description, they are really two different parts of a year-long sequence and do not involve duplication.*

*xi.* **MATH – 6110 – Topics in Analysis APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4251/form**](https://unt.curriculog.com/proposal:4251/form)

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

*Justification: The new description better reflects current faculty expertise and therefore aligns better with what is actually being taught. Functional analysis was removed because we have a separate course in functional analysis (MATH 6150).*

*xii.* **MATH – 6820 – Topics in Statistics APPROVED 3-0**

[**https://unt.curriculog.com/proposal:4253/form**](https://unt.curriculog.com/proposal:4253/form)

**Proposal: New Course**

*Justification: There is currently no statistics topics course at the 6000 level. Instead, 6000-level statistics courses are routinely taught under the course number 6810, which is Probability. But a typical probability topics course will have virtually nothing in common with a typical statistics topics course. Introducing a topics in statistics course will help clarify for students what kind of class they are about to take.*

VI. Approve of Minutes from January 2018 Meeting

VII. Announcements

* 1. Next meeting date: February 15
  2. 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).