University of North Texas at Dallas
Academic Council Minutes

March 28, 2023, 3:00pm

Voting Members

Dr. Bill Ingram, *Assistant Dean, School of Business*
Dr. Constance Lacy, *Dean, School of Human Services*
Dr. Orlando Perez, *Dean, School of Liberal Arts & Sciences*
Dr. Ali Shaqlaih, *Dean, Graduate School and Interim Dean, School of Business*
Dr. Christine Remley, *Dean, School of Education*
Felecia Epps, J.D., *Dean, College of Law*
Dr. John E. Coleman, *Faculty Senate Vice President*
Brenda Robertson, *University Librarian*

Absent:
Dani Daniels, *SGA Vice President*
Rian Wilhite, *Director, Academic Advising*

Non-Voting Members

Dr. Betty H. Stewart, *Provost and EVP for Academic Affairs*
Luis Franco, *University Director of Undergraduate Admissions*
Dr. Dawn Remmers, *Assistant Provost*
Dr. Kimberly Chandler, *Director of University Accreditation & Policy*
Allison Scott, *Staff Council Representative*
Garrick Hildebrand, *Director of Financial Aid*
Dr. Sara Baber, *Director of Distance Learning*
Jamie Lee, *University Registrar*

Other Invitees

Dr. Richard Chandler, *Associate Professor, School of Liberal Arts & Sciences*
Ms. Katrina Cornish, *Academic Scheduling Coordinator*
Dr. Priya Eimerbrink, *Associate Professor, School of Liberal Arts & Sciences*
Dr. Janiece Upshaw, *Assistant Professor, School of Liberal Arts & Sciences*
Dr. Muhammed Yousufuddin, *Assistant Professor, School of Liberal Arts & Sciences*

I. Call to Order

II. Welcome and Introductions

III. Old Business

A. New Program Request (*School of Liberal Arts & Sciences*) (2.21.2023 Meeting)

BAS in Emergency Services Administration
Change effective: AY 2024-25
Number of Credit Hours: 120

Dean Perez made a motion to approve the new BAS degree. Dr. Coleman moved to second it. All in favor and none opposed. Motion passed with eight of ten voting. (closed)

IV. New Business

A. Approval of minutes – February 21, 2023

Brenda Roberston made a motion to approve the February 2023 minutes. Dean Lacy moved to second. All in favor and none opposed. Motion passed with eight of ten voting. (closed)

B. Writing Proficiency Policy Revision *(Dr. Dawn Remmers) – See Appendix I*

Dean Lacy made a motion to approve the policy. Assistant Dean Ingram moved to second. 7 in favor, 1 opposed. Motion passed with eight of ten voting. (closed)

C. Master's Accelerated Pathways (MAPs) Student Policy *(Dr. Ali Shaqlaih) – See Appendix II*

Dean Shaqlaih made a motion to approve the policy. Dean Lacy moved to second it. All in favor and none opposed. Motion passed with eight of ten voting. (closed).

D. New Course Request *(School of Liberal Arts and Sciences)*

BIOL 3335 (Medical Terminology)
Effective: AY 2023-2024
Department: Natural Sciences
Credit Hours: 3
Prerequisites: BIOL 1710, BIOL 1720

Additional information: This course serves as an introduction to common terminology and systems of constructing terms in a medical context. The increasing number of majors fields feeding into health care and allied fields (e.g. biology and public health) necessitates providing appropriate support for their development as they advance into upper-level coursework such as animal physiology. One particular challenge students can face in these courses, however, is the dense nature of medical terminology they are exposed to as they also work through the non-

terminological information in the course. The primary goal of this course is to prepare students for success in upper-level courses while also offering them to complete a requirement for some graduate programs. Since the course is meant to provide support to students between general biology and upper-level courses it only requires the biology for science major sequence to make it accessible to students at various stages in their degree program. The design chosen focuses on exploring each major organ system of the human body and introduces highly used general terminology as well as clinically relevant language to promote development in areas relevant to multiple upper-division courses. This will allow broad but robust in a number of areas that students will be exposed to throughout their training.

Course Description: Medical Terminology is a comprehensive method to the study of medical words that pertain to body systems; anatomy; physiology; pathophysiology; medical diagnosis; and procedures. Medical terminology is a specialized language that is used internationally by the health care professionals for the purpose of communicating medical data in a precise and accurate manner. This course is designed to give students an in-depth knowledge of medical words; word building; definitions and word use that is utilized in all areas of medical science. The course will aid in the basic understanding of health care pre professional courses.

Dean Perez made a motion to approve the new course request. Assistant Dean Ingram moved to second it. All in favor and none opposed. Motion passed with eight of ten voting. (closed)

E. Course Change Requests - Math *(School of Liberal Arts and Sciences)*

MATH 1301 (Elementary Algebra)
Change effective: AY 2023-24
Change: Course Offering Modality

Additional information: This is a developmental math course that is being taught in a self-paced modality using ALEKS. The lessons are fully tailored to the individual students based on their performance in the course in real time. There is no lecture component. Right now, the students attend class in the computer lab twice a week while the instructor is present to answer questions. This format can be done equally effectively online, which will free up lab space on campus as well as give students flexibility in their schedules.

Course offering modality to add: Online

MATH 1303 (Fundamentals of Mathematics)
Change effective: AY 2023-24
Change: Course Offering Modality

Additional information: This is a developmental math course that is being taught in a self-paced modality using ALEKS. The lessons are fully tailored to the individual students based on their performance in the course in real time. There is no lecture component. Right now, the students attend class in the computer lab twice a week while the instructor is present to answer questions. This format can be done equally effectively online, which will free up lab space on campus as well as give students flexibility in their schedules, especially since this course is a corequisite to another math course for Texas Success Initiative (TSI) liable students.

Course offering modality to add: Online

MATH 1305 (Fundamentals of Algebra)
Change effective: AY 2023-24
Change: Course Offering Modality

Additional information: This is a developmental math course that is being taught in a self-paced modality using ALEKS. The lessons are fully tailored to the individual students based on their performance in the course in real time. There is no lecture component. Right now, the students attend class in the computer lab twice a week while the instructor is present to answer questions. This format can be done equally effectively online, which will free up lab space on campus as well as give students flexibility in their schedules, especially since this course is a corequisite to another math course for TSI liable students.

Course offering modality to add: Online

Dean Perez made a motion to approve the course change requests. Dr. Coleman moved to second it. All in favor and none opposed. Motion passed with eight of ten voting. (closed)

MATH 1354 (Numbers for Teachers)
Change effective: AY 2023-24
Change: Prerequisites

Additional information: MATH 1354 has been used at the education corequisite course for TSI liable students for some time. However, it was never explicitly listed in the prerequisite/corequisite as such. In addition, the previous required course of 1305 is an algebra-based developmental math course. MATH 1354 is a non-algebraic course and so MATH 1303 is a more suitable developmental math course; it is a more general developmental math course with less focus on algebra skills. MATH 1303 is currently being used as the corequisite for all students but is being done through exceptions.

New prerequisite: TSI Math-complete, completion of MATH 1303 with a grade of C or better, or concurrent enrollment in MATH 1303.

MATH 3301 (History of Mathematics)
Change effective: AY 2023-24
Change: Long Title, Short Title, Course Description in Course Listing, Prerequisites

Additional information: The change of prerequisites is being made in anticipation of changes to the school of education curriculum. After those changes, students will no longer be able to take this required course. Adding MATH 1351 as a possible prerequisite will allow for this.
The math department is making changes to its curriculum, including the removal of Number Theory from its required courses. This course is being added and we want to reflect that many of the important topics from number theory related to the number system are still covered in this course. This is being done through the minor changes to the title and course description. The content of the course will not change.

Long and Short Title: History of Numbers

New Course Description: Major themes in mathematical history: algebra, geometry, trigonometry, calculus, probability, statistics, and advanced mathematics. Special focus to the development of the number system through civilizations ranging from Babylonia and Egypt through Greece, the Far and Middle East and on to modern Europe.

New prerequisite: C or better in MATH 2413 or MATH 1351

MATH 3303 (Advanced Study of the Secondary Mathematics Curriculum)
Change effective: AY 2023-24
Change: Prerequisites

Additional information: This change is being made in anticipation of School of Education curriculum changes. After those changes are made, students will no longer be able to take this required course due to not meeting the prerequisite. Adding MATH 3301 as a possible prerequisite will fix this issue.

New prerequisite: MATH 3405 or MATH 3301 with a grade of C or better.

Dean Perez made a motion to approve the course change requests. Dean Lacy moved to second it. All in favor and none opposed. Motion passed with eight of ten voting. (closed)

F. Course Change Request - PSYC *(School of Liberal Arts and Sciences)*

PSYC 2320 (Social Psychological Theory in Close Relationships)
Change effective: AY 2023-24
Change: Course Level

Additional information: The Psychology Department requests to change this course from a 2000 level to an upper 3000 level. The syllabus represents the 3000 level requirements. The proposed change will add a writing intensive/research component, where students will select a relevant course topic and create a research proposal, with a final research paper and presentation. Undergraduate psychology students need more upper-level electives, and technical writing experience. Transitioning this course could benefit our majors in both ways.

Course Level change: 1000-2000 to 3000-4000

Dean Perez made a motion to approve the course change request. Assistant Dean Ingram moved to second it. Upon discussion, Dean Lacy made a motion to table this item. Dr. Coleman moved to second it. Seven voted in favor, one abstained, none opposed. Motion passed with seven of ten voting. (tabled)

G. Course Change Request - BIOL *(School of Liberal Arts and Sciences)*

BIOL 3151 (Genetics Laboratory)
Change effective: AY 2023-24
Change: Course Number, Semester Credit Hours

Additional information: The field of genetics is fast-growing, which means new developments and discoveries are made daily. To prepare our students for the highly competitive job market, we propose adding new laboratory techniques to keep up with the latest research methods in genetics. These modifications would significantly add to the current learning outcomes for this course and expose students to the most cutting-edge technologies in the field of genetics.
The proposed changes include four additional laboratories (reaching 14 total), exams, a written assignment, and an oral presentation. The students will meet once every week (all 16 weeks in a long semester) for three hours in the laboratory to complete the course. Below is a week-to-week listing of class meetings.

1. *Safety Lab/Introduction to Genetics Laboratory/Mendelian Genetics*
2. *Cell Divisions: Mitosis & Meiosis*
3. *DNA Extraction*
4. *PCR Amplification / Gel Electrophoresis*
5. *Genomics (NEW)*
6. *RFLP & Restriction Enzymes*
7. *Exam 1*
8. *Cloning techniques (NEW)*
9. *Proteomics 1 (NEW)*
10. *Proteomics 2 (NEW)*
11. *Sequencing*
12. *Knockdown by RNAi & Knockout By CRISPR*
13. *Introduction to the model organism in Genetics*
14. *Bioinformatics & Genome database*

15. Students' Presentations
16. Exam 2

This level of rigor is intensely more than a conventional laboratory course that may meet only 10 times in a semester (with 8-10 laboratories) and not include written and oral assessments. We are therefore proposing to increase the student credit hours to three to reflect the increase in rigor. This course will not be required but will complement the BIOL 3451 (Genetics Lecture) and will provide students with an additional course that would be recommended for Health Professional School. A change in the course number is also requested to reflect the new credit hours of the course.

New Course Number: BIOL 3351
New Course Credit Hours: 3

Dean Perez made a motion to approve the course change request. Assistant Dean Ingram moved to second it. All in favor, none opposed. Motion passed with eight of ten voting. (closed)

H. Program Change Requests (*School of Liberal Arts & Sciences*)

Mathematics Minor
Change effective: AY 2023-2024
Change: Required Course(s) for the Program

Additional information: Students minoring in math are not currently required to take any theory-based courses. The department feels that students would benefit greatly from even an introductory level course. In addition, taking MATH 3405 would allow students to take other 3000/4000 level courses that are theory based to complete the minor requirements. MATH 2415 is often low enrolled on our campus and unable to run. It is not used as a prerequisite for any existing MATH courses and is not taken by other disciplines. We are temporarily removing it from all current degree plans until enrollment/need allows for it to be readded.

Required course change: MATH 2415 (Calculus 3) is being removed as a required course for the minor and is being replaced with MATH 3405 (Introduction to Proofs).

Dean Perez made a motion to approve the program change request. Dean Shaqlaih moved to second it. All in favor, none opposed. Motion passed with eight of ten voting. (closed)

Math BA 7-12
Change effective: AY 2023-2024
Change: Required Course(s) for the Program, Credit hours for the total program and/or subcategories, Minimum grade for courses in the program

Additional information: Required Courses: Several of the existing MATH courses are often low-enrolled and have difficulty making. As such, students are either delayed in taking them or are forced to take them as an independent study, which puts extra burden on both students and faculty and often results in less of an understanding of the material upon completion. The department has identified the less essential of the current required courses and removed these from the degree plan to increase enrollments in other courses. We are also adding MATH 3301 to the requirements to help fill the gaps left by the removed courses; 3301 is already required for School of Education (SOE) MATH 4-8 students. The justifications for removals are as follows: MATH 2415 is not required as a prerequisite for any other courses and is usually very low enrolled. The most important content in MATH 3311 is also covered in MATH 3301. MATH 3331 covers material that is most relevant going into science-based jobs. Most of our graduates go into corporate or technology-based jobs The most important content in MATH 3351 is also covered in MATH 3301. Three additional MATH elective hours are also being added into order to comply with the Field of Study requirement for MATH 2415; we will give students who transfer this course in credit for one of these electives. Note that once enrollment goes back up, we intend to start adding relevant courses to the degree plans slowly to better tailor the degree to our student population. The foreign language requirement is being removed after a discussion with the chair of the SOE Curriculum Committee. This has previous been on the degree due to a certification requirement. We have been informed that it is no longer necessary.

Change to Required Courses: Removing MATH 2415 (Calculus 3), MATH 3311 (Number Theory), MATH 3331 (Differential Equations 1) and MATH 3351 (Foundations of Geometry). Adding MATH 3301 (History of Numbers) and one required elective course. Removing foreign language requirement.

Change to credit hours:
Current:
- *Core: 42*
- *Major Requirements: 42*
- *Major Electives: 6*
- *Computer Science: 3*
- *Science: 4*
- *Foreign Language: 6*
- *Education: 24*
- *Total: 120*

Proposed:
- *Core: 42*
- *Major Requirements: 32*
- *Major Electives: 9*
- *Computer Science: 3*
- *Science: 4*
- *Education: 24*
- *General Electives: 6*
- *Total: 120*

Change to Minimum grade for courses in the program: All MATH courses should be C or better.

Mathematics BS
Change effective: AY 2023-2024
Change: Required Course(s) for the Program, Credit hours for the total program and/or subcategories, Minimum grade for courses in the program

Additional information: Required Courses: Several of the existing MATH courses are often low-enrolled and have difficulty making. As such, students are either delayed in taking them or are forced to take them as an independent study, which puts extra burden on both students and faculty and often results in less of an understanding of the material upon completion. The department has identified the less essential of the current required courses and removed these from the degree plan to increase enrollments in other courses. We are also adding MATH 3301 to the requirements to help fill the gaps left by the removed courses; 3301 is already required for SOE MATH 4-8 students. The justifications for removals are as follows: MATH 2415 is not required as a prerequisite for any other courses and is usually very low enrolled. The most important content in MATH 3311 is also covered in MATH 3301. MATH 3331 covers material that is most relevant going into science-based jobs. Most of our graduates go into corporate or technology-based jobs. The most important content in MATH 3351 is also covered in MATH 3301. Three additional MATH elective hours are also being added into order to comply with the Field of Study requirement for MATH 2415; we will give students who transfer this course in credit for one of these electives. Note that once enrollment goes back up, we intend to start adding relevant courses to the degree plans slowly to better tailor the degree to our student population.

Change to Required Courses: Removing MATH 2415 (Calculus 3), MATH 3311 (Number Theory), MATH 3331 (Differential Equations 1) and MATH 3351 (Foundations of Geometry). Adding MATH 3301 (History of Numbers) and one required elective course.

Change to credit hours:
Current:
Core: 42
Major Requirements: 36
Major Electives: 6
Computer Science: 9
Science: 4
General Electives: 23
Total: 120
Proposed:
Core: 42
Major Requirements: 29
Major Electives: 9
Computer Science: 9
Science: 4
General Electives: 27
Total: 120

Change to Minimum grade for courses in the program: All MATH courses should be C or better

Dean Perez made a motion to approve the program change requests. Assistant Dean Ingram moved to second it. None voted in favor, seven opposed, one abstained. Motion failed with seven of ten voting. (closed)

I. New Program Request (*School of Liberal Arts & Sciences*)

Accelerated BA PSCI - MSPL Program
Change effective: AY 2023-24
Number of Credit Hours: 147

Additional information: UNTD serves many individuals in the southern sector of Dallas that have had little access to higher education. The Graduate Public Leadership Program (MSPL) began accepting students in 2015. Many of those students were working professionals, who had achieved a Bachelor's degree, who sought a master's degree to advance in their career. Unfortunately, many individuals working or wanting to work in the government or nonprofit sector do not have a college degree and are looking for an opportunity to complete both the undergrad and graduate degree as efficiently as possible. The Accelerated PSCI/MSPL program will allow working professionals to efficiently obtain their BA/MSPL. In addition, students who are academically motivated and focused on a path of political science/public leadership will have an avenue for completing their degree earlier, saving time and money.

The Accelerated Program will allow students to graduate with a Master's degree in Public Leadership which is often required for management position in public agencies or nonprofit organizations. In addition, this degree prepares students interested in pursuing doctoral or juris doctorate programs.

Dean Perez made a motion to approve the new program request. Dean Shaqlaih moved to second it. All in favor, none opposed. Motion passed with eight of ten voting. (closed)

V. Adjourned at 4:21 p.m.

Respectfully submitted February 27, 2023
Laila Mertz
Executive Assistant to Provost and EVP of Academic Affairs