University of North Texas at Dallas
Academic Council Minutes
March 22, 2022, 3:00pm

Voting Members

Dr. Karen Shumway, 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*
Dr. Christine Remley*, Dean, School of Education*
Felecia Epps, J.D., *Dean, College of Law*
Dr. Walt Borges, *Faculty Senate Vice – President*
Brenda Robertson, *University Librarian*

Absent: Lauren Herrera, *SGA Vice-President Designee*
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. Georgianna Laws, *Director of Distance Learning*
VACANT*, University Registrar*

Other Invitees

Dr. Aaron Bartula, *Associate Professor, School of Liberal Arts & Sciences*
Ms. Sara Holmes, *Lecturer*, *School of Liberal Arts & Sciences*
Dr. Corron Sanders, *Lecturer, School of Business*
Dr. Cathy Scott, *Associate Professor, School of Business*
Dr. Julie Siddique, *Associate Professor, School of Business*
Dr. Pam Thompson, *Assistant Professor, School of Business*
Dr. Muhammad Yousufuddin, *Assistant Professor, School of Liberal Arts & Sciences*

I. Call to Order

II. Welcome and Introductions

III. Old Business

With there being no Old Business to discuss, the Council moved on to New Business.

IV. New Business

A. Approval of minutes – February 22, 2022

Dean Lacy made a motion to approve the February 2022 minutes. Dean Shumway moved to second it. All in favor and none opposed. Motion passed with eight of ten voting. (closed)

B. Course Change Requests (*School of Business*)

DSCI 2305 (Business Statistics I)
Change effective: AY 2022-2023
Change: Course Description and Prerequisites
 Additional information: Course description revised to better reflect the content covered and identify the technology component. Propose to change the prerequisite(s) so that students who are transferring in from the community college can use either MATH 1324 or MATH 1680 as reflected in the Texas Core. Completion of a higher-level Math would also be acceptable. Additionally, in order to be successful in DSCI 2305, students should have earned a "C" or better in their prerequisite course.

 New course description: Descriptive and Inferential Statistics for Business Decision Making. Topics include: describing and summarizing data, basic probability concepts, common probability distributions, estimation and confidence intervals, hypothesis testing, linear regression, and correlation. Statistical software will be used to apply the techniques covered in this course.

 New prerequisites: MATH 1324, MATH 1680, or higher-level Math with a C or better.

DSCI 3320 (Data Visualization I)
Change effective: AY 2022-2023
Change: Long and Short Title
 Additional information: The is only one data visualization course. Therefore, the "I" in the current title is not necessary.

 New long and short title: Data Visualization

DSCI 4310 (Predictive Modeling)
Change effective: AY 2022-2023
Change: Course Description and Prerequisites

All proposed changes are marked as such:
New items are emboldened and underlined
Deleted items are marked with a strikethrough line
Justifications or clarifications are italicized.

Additional information: Course description revised to better reflect what is covered in this course. Prerequisites were reviewed and the proposed updates are a better fit for students (knowledge and skills) coming into this course.

New course description: This course will introduce various machine learning algorithms used in predictive data analytics. Topics include: multiple regression, decision trees, random forest, neural networks, and clustering algorithms. Students will create predictive models using a programming language.

New prerequisites: DSCI 2305 and either DSCI 3380 or DSCI 4510

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

C. New Course Requests (*School of Business*)

BCIS 3305 (Spreadsheet Data Analysis)
Effective: AY 2022-2023
Department: Business Analytics
Credit Hours: 3
Prerequisites: BCIS 1305, DSCI 2305
Additional Information: Students entering the field of Business Analytics need to have advanced Excel analytical skills. This course will provide students with the knowledge and skills they need for future business analytics courses and the workplace.

Course Description: This course will develop skills to describe and analyze data using spreadsheet software. It will introduce basic through advanced spreadsheet techniques for data analysis including various logical, statistical, financial, and lookup functions; conditional formatting; pivot tables/charts; what-if analysis; trend analysis; complex charts; macros.

DSCI 4390 (Applied Business Analytics)
Effective: AY 2022-2023
Department: Business Analytics
Credit Hours: 3
Prerequisites: DSCI 2305, BCIS 3305, DSCI 3380, and DSCI 3310 or DSCI 3320
Additional Information: The objective of the course is to have students work on projects by collaborating with local businesses, giving students the ability to work with real-world data. Under the direction of their instructor, students will interact with clients to understand the client's needs, analyze client data and gain experience presenting their findings.

Course Description: This course will provide an opportunity for students to work on a data science project using real data. Students will work in groups on all stages of a typical data science project including importing data, cleaning, exploring, visualizing, analyzing, creating models, and communicating results of the analysis in written and verbal form.

DSCI 4800 (Internship)
Effective: AY 2022-2023

All proposed changes are marked as such:
New items are emboldened and underlined
Deleted items are marked with a strikethrough line
Justifications or clarifications are italicized.

Department: Business Analytics
Credit Hours: 3
Prerequisites: Student must meet the employer's requirements and have the consent of the Business Analytics Program.

Additional Information: The School of Business wants to separate the internships by discipline so that an instructor with specialized knowledge in the area is working with the student and employer. The internship course allows students to apply their course knowledge and skills in the workplace. It gives students hands-on experience in their field of study before graduation.

Course Description: Supervised work in a job relative to the student's career objective. Prerequisite(s): Student must meet the employer's requirements and have the consent of the Business Analytics Program. May be repeated, but only 3 hours may apply toward degree program credit. Course Typically Offered: Fall, Spring, Summer

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

D.   Program Change Requests (*School of Business*)

Business Analytics Minor
Change effective: AY 2022-2023
Change: Required course(s), Concentration or elective course(s)
Additional information: After a review of the Business Analytics, BBA, and minor, the following required courses are being proposed to align better with the Business Analytics Minor in AY 22-23.

DSCI 3380 - Fundamentals of Business Analytics (In the current minor)
DSCI 3320 - Data Visualization (In the current minor)
DSCI 3340 - Marketing Analytics with Big Data -or- ACCT 4330 - Data Analytics for Accounting. (DSCI 3340 is in the current minor. Adding the option to take apply ACCT 4330 to the minor for BBA Accounting students).
DSCI 4620 - Introduction to Database Applications (Moving from the major to the minor)
DSCI 4310 - Predictive Modeling (In the current minor)
BCSI 3305 - Spreadsheet Data Analysis (New course added to the major and minor)

Courses being removed from the Business Analytics Minor:
DSCI 3310 - Data Interpretation and Storytelling (This course is staying in the major, but being removed from the minor. DSCI 3320 - Data Visualization is a better fit for the minor.)
DSCI 4380 - Case Studies in Business Analytics - Capstone (This course is being changed in the major to Applied Business Analytics)

Business Analytics, BBA
Change effective: AY 2022-2023
Change: Required course(s), Concentration or elective course(s), Credit Hour(s)
Additional information: The purpose of the proposed changes is to provide students with the knowledge and skills they need to be successful in the business analytics field. The Business Analytics, BBA major requirements are currently 18 hours. The proposal for AY 2022 - 2023 is

to take the major requirements to 30 hours. This will provide students with a stronger background in business analytics through the additional coursework.

Proposed Business Analytics, BBA - Major Requirement Changes:
The Business Analytics, BBA major requirements are currently 18 hours. The proposal for AY 2022 - 2023 is to take the major requirements to 30 hours. This will provide students with a stronger background in business analytics through the additional coursework.

(1)   DSCI 3320 - Data Visualization I. Propose title change to Data Visualization. There is only one Data Visualization course in the program, therefore, it is not necessary to have the "I" in the title.
(2)   DSCI 3305 - Business Statistics II. Propose adding this course to the major requirements. This course will provide students with stronger knowledge in business statistics that are utilized in analytical processes.
(3)   DSCI 4310 - Predictive Modeling. Propose changing from major elective to major requirement. Revise course description to better reflect the content covered in this course. Revise prerequisites to provide the appropriate fundamental knowledge and skills coming into this course.
(4)   DSCI 4510 - Data Analytics Programming. Propose moving this course offering from major elective to major requirement. Prerequisite changes also proposed: Remove existing DSCI 3870, which will be proposed as a major elective going forward. New prerequisites considered appropriate for this course are DSCI 2305 and BCIS 3610.
(5)   DSCI 3340 - Marketing Analytics with Big Data. Propose changing this course offering from Business Analytics minor to major requirement. Industry partners have indicated that this course should be a required course in the Business Analytics major.
(6)   BCSI 3305 - Spreadsheet Data Analysis. Proposed new course. This course will enhance students' fundamental analytics skills using Excel. Applications covered will include: Charts, Pivot Charts/Tables, What-If Analysis, Conditional Formatting, Financial & Statistical Functions, and Macros. The prerequisites for this course will be BSCI 1305 and DSCI 2305. Katrina has confirmed that the course number BCSI 3305 is available.

(7) Proposed New Course - DSCI 4390.
Proposed Course Title: Applied Business Analytics
Proposed Course Description: This course will provide an opportunity for students to work on a data science project using real data. Students will work in groups on all stages of a typical data science project including importing data, cleaning, exploring, visualizing, analyzing, creating models, and communicating results of the analysis in written and verbal form.
Proposed Prerequisites: DSCI 2305, BCIS 3305, DSCI 3380, and DSCI 3310 or DSCI 3320 ---- --
Proposed Business Analytics, BBA, Elective Changes:
Students will still select from 9 hours of major electives, but proposed options have changed. The following options will let students select electives that best fit their educational and career objectives.
(8)   BCIS 4660 - Introduction to Data Warehousing. Propose moving this course from the major requirements to the major elective options.
(9)   DSCI 4320 - Big Data Management and Retrieval. Propose moving this course from the major requirements to the major elective options.

(10) DSCI 3870 - Management Science. Propose moving this course from the major requirements to the major elective options.

(11) Proposed New Course: DSCI 4800 - Internship. The purpose of adding this course is to separate the internship offerings by program. This will help students know which internship they should sign up for and have them work with an instructor who has specialized knowledge in their internship area.

(12) Proposed Add Elective Option(s): DSCI 4800 - Internship or select any 3000 - 4000 level Business

Analytics course or Business course. These elective options will give students a pathway to complete their degree should they get off track or change majors. Students will be encouraged to take the DSCI 4800 - internship, but if an internship option is not available, they will have upper-level Business Analytics or Business course alternatives. -------------------------------------- --

(13) Change in Business Core Course Description and Prerequisites for DSCI 2305 - Business Statistics I. Propose to revise the course description so it better reflects the content covered and insert the technology component.

Propose to change the prerequisite so that students who are transferring in from the community college can use either MATH 1324 or MATH 1680 as reflected in the Texas Core. Completion of a higher-level Math would also be acceptable. Additionally, in order to be successful in DSCI 2305, students should have earned a "C" or better in their prerequisite course.

Current: AY 2021 - 2022 Business Analytics, BBA Program Categories.
Texas Core Curriculum, 42 hours
Business Core Curriculum, 45 hours
Major Requirements, 18 hours
Major Electives, 9 hours
*Note: 114 Total Hours less 6 hours (ECON 1110 & MATH 1324 or MATH 1680) applied to both the Texas Core and Business Core. Total Adjusted Hours =108. Need 120 hours to graduate.
Note: ECON 1110 - Principles of Macroeconomics and MATH 1324 - Business Math I or MATH 1680 Elementary Probability and Statistics are both in the Texas Core and the Business Core. --

Proposed AY 2022 - 2023 Business Analytics, BBA Program Categories.
Texas Core Curriculum, 42 hours
Business Core Curriculum, 45 hours
Major Requirements, 30 hours
Major Electives, 9 hours
126 Total Hours less 6 hours (ECON 1110 & MATH 1324) applied to both the Texas Core and Business Core. Total Adjusted Hours =120.

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

Accounting, BBA
Change effective: AY 2022-2023
Change: Required course(s), Credit Hour(s)

All proposed changes are marked as such:
New items are emboldened and underlined
Deleted items are marked with a strikethrough line
Justifications or clarifications are italicized.

Additional information: The degree plan contains 117 adjusted hours and 120 adjusted hours are required to graduate. The adjustment refers to the adjustment to avoid double-counting ECON 1110 and MATH 1324 or 1680. An additional elective is being added to the program.

Beginning Academic Year 2022-2023
Texas Core Curriculum -   42 hours
Business Core Curriculum -   45 hours
Major Requirements -   30 hours
Major Electives -   9 hours
Total Number of Hours   126 hours
Less 6 hours (ECON 1110 & MATH 1324 or MATH 1680) applied to Texas Core and Business Core.
TOTAL ADJUSTED HOURS   120 hours

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

E.   Course Change Request (*School of Liberal Arts & Sciences*)

PBHL 4320 (Biostatistics for Public Health)
Effective: AY 2022-2023
Change: Course Prerequisites
   Additional Information: We believe that MATH 1680 will provide students with the necessary skills to complete PBHL 4320 after consulting with Academic Advising and reevaluating the course pre-requisite. As a result, PBHL 4310 would no longer be a prerequisite for PBHL 4320.

 New prerequisites: MATH 1680

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

F.   New Course Requests (*School of Liberal Arts & Sciences*)

BIOL 4312 (Developmental Biology)
Effective: AY 2022-2023
Department: Natural Sciences/Biology
Credit Hours: 3
Prerequisites: BIOL 1710, 1720, 1730, 1740
   Additional Information: Developmental biology examines how biological form changes over time and embraces subject matter such as embryology, genetics, stem cell biology, evolutionary biology, aging and senescence, disease development, current scientific research, and ethical questions in research and policy. It is an important discipline in biological studies that is offered as a course in biology programs at most universities. Developmental biology underpins many areas of biomedical sciences and is a key generator in modern scientific research. This course will provide the student with a greater understanding of biological complexity, as well as how biological systems work together. Further, it will provide additional

All proposed changes are marked as such:
New items are emboldened and underlined
Deleted items are marked with a strikethrough line
Justifications or clarifications are italicized.

preparation for students interested in pursuing scientific or medical careers or post-baccalaureate programs. Students should have a foundational understanding of biology and related laboratory procedures / methods of research to understand and embrace developmental biology concepts. Therefore, Biology for Science Majors I & II with corresponding laboratories are needed as prerequisites for this course.

Course Description: Examination of how biological form changes over time, including embryological development from fertilization to tissue differentiation, as well as post-embryological development, including growth, aging, regeneration, and metamorphosis. Topics include cell commitment, patterning, organogenesis, limb development, sex determination, stem cells, metamorphosis, aging, environmental factors, disease development, developmental mechanisms of evolutionary change, model organisms, and ethical questions relevant to the field.

COMM 3325 (Video Games & Society)
Effective: AY 2022-2023
Department: Communication & Technology
Credit Hours: 3
Prerequisites: COMM 1010 OR COMM 2300 with a grade of C or better
Additional Information: This course will provide students with an academic look into video games and the role they play in our society. It will further look at the processes and effects of playing video games. The prerequisites were chosen to ensure that students had a basic understanding of communication and media concepts as we will be building off them in this course. This course will require students to critically analyze concepts, conduct research, and write reports in-line with a junior-level course.

Course Description: This course is designed to provide a critical and evaluative look at the video game industry and specifically, the place they have in our society. This course will cover numerous topics, including, the history of video games, the cultural impact on society, discuss video game "hot topics" (e.g. violence in video games), and examine video game research.

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

CJUS 5324 (Crime Analysis)
Effective: AY 2022-2023
Department: Criminal Justice
Credit Hours: 3
Additional Information: This course will add to the MSCJ's elective options. This course will be attractive to students interested in working in law enforcement administration and will improve marketable skills for our graduates that are pursuing career growth in the law enforcement field.

Course Description: In this course, students will learn about some of the tools and techniques of crime analysis. Students will become familiar with software used in crime analysis and will learn how crime data is utilized to inform decision-making by administrators

All proposed changes are marked as such:
New items are emboldened and underlined
Deleted items are marked with a strikethrough line
Justifications or clarifications are italicized.

SOCI 5314 (Sport Event Planning)
Effective: AY 2023-2024
Department: Criminal Justice and Sociology
Credit Hours: 3

Additional Information: This course is an elective in the proposed MA in Community in Sociology Program, which is applied in nature and community oriented. This course will provide students with the knowledge and skills necessary to plan successful sporting events be it large or small, and this will definitely make them more marketable at both the amateur and professional level. The course will take a Sociological approach, paying attention to the local demography, income level, and racial and ethnic make-up when it comes to sport event planning. Students will learn to effectively communicate in both written and verbal forms and apply Sociological theories and Research Methods when it comes to marketing and advertising events. This course is both reading and writing heavy, and meets the rigors of a graduate course. Students will write a Sport Event Proposal as their final project, where they will apply everything they have learned from the course. With the knowledge applied from this course, students will have the basic acumen to plan a successful sporting event.

Course Description: This Sports Sociology course provides students and managers in the sports industry with information, knowledge and understanding necessary for planning and operating community sport and recreation facilities and community sporting events.

SOCI 5321 (Sociology of Immigration Law and Policy)
Effective: AY 2023-2024
Department: Criminal Justice and Sociology
Credit Hours: 3

Additional Information: This course takes a sociological approach on the study of Immigration Laws and Policies, looking at the social effects they have when it comes to race relations, inequalities, stratification, and demographic trends. The course will look at how immigration laws are applied and enforced, and focus is on the rights of documented and undocumented immigrants. The course looks into the history of immigration laws, the laws itself, how and why they came about, and landmark rulings; providing students with a solid foundation and building blocks to help those in need. Students who complete this course will possess adequate knowledge to ask informed questions, and point people in the right direction to get the right assistance they need.

Course Description: Study and Exploration of Immigration Laws, its history, concepts, and the application and practice of Immigration laws in the United States, and the impact it has on society in terms of race relations and demographic trends. This course lays the foundation for those interested in immigration laws or assisting charitable, outreach, and church organizations on immigration matters.

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

All proposed changes are marked as such:
New items are emboldened and underlined
Deleted items are marked with a strikethrough line
Justifications or clarifications are italicized.

G.   Program Change Request (*School of Liberal Arts and Sciences*)

Public Health, BS
Change effective: AY 2022-2023
Change: Concentration or elective course(s)

Additional information: In consultation with Academic Advising, we learned that UNT Dallas offers advanced electives that are duplicative of courses taught at Dallas College at the lower division. As a result, these students have a limited number of advanced electives to choose from at UNT Dallas. Since the goal of this requirement is to prepare students for graduate study in the health sciences, clarifying a list of natural science courses that meet this goal is responsive to our students and program goals.

Proposed Language:
Any Natural Science Electives, 12 hours
Students must complete 12 credit hours of natural science courses from the following list. This degree requirement does not accept labs taught outside of a lecture course. When an associated lab is offered, students must take the course with the associated lab.

TCCNS #	UNTD #	Course Name	Hours
BIOL 2401	*BIOL 2301/2311*	*Human Anatomy and Physiology I with lab*	*4*
BIOL 2402	*BIOL 2302/2312*	*Human Anatomy and Physiology II with lab*	*4*
BIOL 2421	*BIOL 3107/3307*	*Microbiology with lab*	*4*
BIOL 2316	*BIOL 3451*	*Genetics*	*3*
CHEM 1411	*CHEM 1410/1430*	*General Chemistry I with lab*	*4*
CHEM 1412	*CHEM 1420/1440*	*General Chemistry II with lab*	*4*
CHEM 2323	*CHEM 3370/3210*	*Organic Chemistry I with lab*	*4*
CHEM 2425	*CHEM 3380/3220*	*Organic Chemistry II with lab*	*4*

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

V. Adjourned at 3:22 pm.

Respectfully submitted March 23, 2022
Laila Mertz
Executive Assistant to Provost and EVP of Academic Affairs

All proposed changes are marked as such:
New items are emboldened and underlined
Deleted items are marked with a strikethrough line
Justifications or clarifications are italicized.