

Graduate Council Minutes
Wednesday – September 13, 2017
Hurley Administration Board Room 204 – 3:00PM-5:00PM

Note: Course changes and additions will not take effect until they are listed in the graduate catalog. Items marked with an asterisk (*) must have approval by the Texas Higher Education Coordinating Board before listing in the graduate catalog. Items marked with a plus (+) must be approved by the Department of Education before being listed in the graduate catalog.

Graduate Council Voting Member Attendance: *Mark Vosvick, Douglas Brozovic, Denise Catalano (Sabbatical), Kris Chesky (Absent), Nicholas Evangelopoulos (Absent), Jennifer Lane, Teresa Marrero, Brian McFarlin (Proxy), Gwen Nisbett, Gayle Prybutok, Lee Slaughter, Susan Smith*

I. ANNOUNCEMENTS

I-1. Clarification on the grade change policy: grade changes are completed at the academic dean level, and not the graduate dean level. Upon approval, grade change request forms can be sent directly to the registrar's office.

I-2. NOTE TO DEANS AND ASSOCIATE DEANS: When reviewing new course requests in Curriculog, please keep an eye out on titles and descriptions that may overlap with courses in other areas, for example: engineering design courses, and visual arts design courses; which would allow consultations to be conducted in order to mitigate questions or concerns other areas may have, and follows President Smatresk's request for collaboration across all departments and colleges.

II. MINUTES

UNANIMOUS APPROVAL

II-1. Approval of August 9, 2017 minutes.

III. CHAIR / TGS DISCUSSION ITEMS

III-1. Discussion Item. UNT Grade Appeal Policy

Description: The Grade Appeal process described in the current graduate catalog is based on the old process, and does not align with the current UNT Grade Appeal Policy. – Victor Prybutok and Billy Roessler will continue making edits on the suggested new policy, and the item will appear on the November 2017 council agenda for voting.

III-2. Discussion Item: It is important that graduate council voting members attend all meetings. If a member cannot attend, they can send a representative in their place with a proxy vote, or, members can send in their proxy vote via email to Mark Vosvick. If any member continually misses meetings, they can be asked to leave the council, and an election will be held to determine their replacement.

IV. REQUEST FOR NEW COURSES

College of Engineering

Department of Biomedical Engineering

UNANIMOUS APPROVAL

IV-1. BMEN 5325 – Biomedical Nanotechnology Compatibility – 3 Hours

Description: This course provides an overview of structure and functions of DNA, protein and cell, advanced micro-/nanoengineering technology and characterization methods. The course also addresses major areas in biomedical sectors, influenced by developments in nanotechnology.

Justification: This course will impart knowledge of the growing field of bio-nanotechnology to graduate students.

Department of Computer Science and Engineering

REQUEST TO VOTE ON ITEMS IV-2. THRU IV-4. AS A BLOCK. – UNANIMOUS APPROVAL.
REQUEST TO UNBLOCK ITEMS IV-2. THRU IV-4. TO DISCUSS ITEM IV-2. – UNANIMOUS APPROVAL.
REQUEST FOR ITEM TO BE TABLED IN ORDER TO OBTAIN CONSULTATION WITH THE COLLEGE OF VISUAL ARTS AND DESIGN – UNANIMOUS APPROVAL

~~IV-2. CSCE 5465 – Usability Testing – 3 Hours~~

~~**Description:** Introduces students to usability topics, including HCI style guides, user interface localization, and usability testing. Students will work individually on small homework assignments and in a team on a larger project.~~

~~**Justification:** UNT does not offer a course on the subject of Usability Testing for Software Engineers. This course provides students with the opportunity to gain knowledge and experience in conducting usability testing techniques for software projects, including quantitative and qualitative techniques of heuristic evaluations, observations, thinking aloud, performance measurements, and surveys.~~

REQUEST TO VOTE ON ITEMS IV-3. AND IV-4. AS A BLOCK – UNANIMOUS APPROVAL

UNANIMOUS APPROVAL FOR ITEMS IV-3. AND IV-4.

IV-3. CSCE 5612 – Embedded Hardware/Software Design – 3 Hours

Description: Introduction to embedded systems and its design using requirement specification, architectural design, and implementation. Interrupt and polling concepts. Digital and Analog input and output. Serial communication. Simple sensor interfacing. Internet of Things (IoT). Embedded software debugging and testing.

Justification: This new course teaches how to design embedded systems in a formal way using the levels of design abstraction (requirements, specification, architectural design, component design, and implementation) and introduces new topics like modern high-speed busses, sensors, and Internet of Things (IoT). These topics are not covered in any graduate level courses and this course will help students to be current with the industry and research needs.

IV-4. CSCE 5615 – Networks-on-Chip – 3 Hours

Description: Introduction to network-on-chip design, including router architecture, switching technology, routing algorithms, flow control and topology. Students learn how to design network-on-chip through simulations.

Justification: The objectives pursued through this course is to introduce students to a hot and new research area in multicore/manycore design, i.e. Network-on-Chips. In this course, we will focus on the Network-on-Chip design. The Network-on-Chip is a vital component in future many-core system-on-chips. To date, we are able to incorporate hundreds of cores into a single chip, however, we won't be able to benefit from such large amount of resources.

College of Information

Discussion: Possible consultation and cross-listing opportunities with Journalism, Anthropology, and Library/Media – no issues found among those in attendance.

REQUEST TO VOTE ON ITEMS IV-5. AND IV-6. AS A BLOCK – UNANIMOUS APPROVAL

UNANIMOUS APPROVAL FOR ITEMS IV-5. AND IV-6.

Department of Information Science

IV-5. INFO 5442 – Digital Storytelling – 3 Hours

Description: Digital storytelling is a method of combining images, text, music, and the spoken word to create a story presentation that supports teaching, learning, self-expression, marketing, and other communication and community-building objectives. In this course, students will study storytelling tenets and will apply the developmental and technical aspects of creating a digital storytelling presentation.

Justification: This is a new course for Storytelling Graduate Academic Certificate.

IV-6. INFO 5443 – Storytelling in Knowledge Transfer – 3 Hours

Description: Storytelling is an inherent form of communicating and of learning. This makes it a powerful tool for knowledge management strategies, particularly that of knowledge transfer. In this course, students will explore how theoretical and practical tenets of storytelling are used to realize knowledge management and knowledge transfer goals of creating, capturing, and sharing tacit organizational knowledge.

Justification: This is a new course for Storytelling Graduate Academic Certificate.

V. REQUEST FOR ADD OR DELETE OF A DEGREE/MAJOR/PROFESSIONAL FIELD/ CONCENTRATION/OPTION/MINOR

College of Information

UNANIMOUS APPROVAL

Department of Information Science

V-1. Request to **add concentration** in Geospatial Information Science to the PhD in Information Science. ([Consultations with Geography, Computer Science, and Electrical Engineering department completed.](#))

Description: The concentration is being offered jointly with UNT Department of Geography and the Environment with the ultimate goal of providing interdisciplinary training, research and professional services in geospatial information science, including geographic information system (GIS), remote sensing, and closely related fields, for the natural and built environments.

Justification: With Geospatial Information Science Concentration, students will take courses that will prepare them for conducting research on critical issues in geospatial information science and related areas as they pertain to the information science perspective.

Toulouse Graduate School

REQUEST TO VOTE ON ITEMS V-2. AND V-3. AS A BLOCK – UNANIMOUS APPROVAL

UNANIMOUS APPROVAL

V-2. Request to **add Health Data Analytics concentration** to the Master of Science in Advanced Data Analytics.

Description: Driven by federal requirements and the demand to improve the quality of health care delivery in the United States, the health care industry generates and stores massive amounts of electronic data related to patient care, compliance, regulatory and billing requirements, and medical research. The health data analytics accelerated concentration helps those who want to obtain a data analytics degree in the health care industry manage all the data and provides them the ability and knowledge for informed decision making.

Justification: Adding an accelerated Health Data Analytics concentration to the MS in Advanced Data Analytics degree.

V-3. Request to **add Management concentration** to the Master of Science in Advanced Data Analytics.

Description: While the MS in Advanced Data Analytics provides students with the academic and practical preparation necessary to meet a growing need in industry, the management concentration is designed for those who

*Indicates THECB approval required

manage data analysts. The concentration provides the management knowledge while also ensuring analytics prowess.

Justification: Adding a Management concentration to the MS in Advanced Data Analytics degree

VI. REQUEST FOR ALL GRADUATE ACADEMIC CERTIFICATES

College of Information

UNANIMOUS APPROVAL

Department of Information Science

VI-1. Request for change in **requirements** and **hours** for the Storytelling Graduate Academic Certificate.

Description: This proposal expands Storytelling GAC from 9 hours to 12 hours, in line with other GACs in the Department. Currently, the Storytelling Graduate Academic Certificate requires 9 hours to complete and includes INFO 5440 Storytelling and INFO 5441 Advanced Storytelling, along with a selection from 2 youth-services-oriented courses. By adding INFO 5442 Digital Storytelling and INFO 5443 Storytelling in Knowledge Transfer to its offering of storytelling courses, students will be able to choose two more class from INFO 5442, 5443, 5445, or another course as negotiated with the GAC coordinator.

Justification: Expanding Storytelling GAC from 9 hours a 12 hours is in line with other GACs in the Department of Information Science. In addition, the Storytelling GAC would be more representative of a storytelling focus if the additional storytelling courses were included as GAC options.

VII. REQUEST FOR NEW GRADUATE TRACK PATHWAYS

VIII. REQUEST FOR CHANGE IN PROGRAM/ MAJOR/ MINOR/ DEGREE/ OPTION/ CONCENTRATION/ REQUIREMENTS

Toulouse Graduate School

UNANIMOUS APPROVAL

VIII-1. Change in **admission requirements** and **catalog terminology** to allow specific 3-year Bachelor degrees to meet admission requirements.

Description: The Toulouse Graduate School and Graduate Admissions are requesting Graduate Council approval to allow 3-year bachelor degrees to be forwarded to departments for holistic review. Students with a 3-year bachelor degree that meets the same criteria to be approved by one of the reputable agencies (WES, Silna, AACRAO, etc.) will also be forwarded to the department for holistic review. Departments are not under obligation to accept such students based on the holistic review for rigor, department requirements, etc.

Catalog Terminology:

Current Catalog Wording (under Requirements for admission to the Toulouse Graduate School):

Applications for graduate study are made through the Toulouse Graduate School, regardless of degree program.

All applicants for admission to the Toulouse Graduate School must meet the following requirements, whether or not admission to a specific degree program is sought.

The applicant must hold a bachelor's degree or its equivalent from a regionally accredited institution.

Revised Wording:

Applications for graduate study are made through the Toulouse Graduate School, regardless of degree program.

All applicants for admission to the Toulouse Graduate School must meet the following requirements, whether or not admission to a specific degree program is sought.

Applicants holding a bachelor's degree, its equivalent from a regionally accredited institution, or a three year bachelor's degree that meets the vetting criteria of a reputable evaluation agency are eligible to apply for admission to UNT graduate study.

Justification: This change will allow UNT to be SACSCOC compliant and remain competitive in recruiting of qualified applicants, especially those with international degrees.

IX. REQUEST FOR DUAL OR JOINT DEGREE PROGRAMS

X. CONSENT CALENDAR

A. Course Changes

College of Health and Public Service

Department of Public Administration

UNANIMOUS APPROVAL

X-1. PADM 5035 – Professional Practice for Public Managers (Prerequisites, Notes)

Prerequisites: ~~Enrollment in course restricted to last two semesters in MPA program.~~ > NONE

Notes: ~~To be taken during the last two semesters of course work.~~ > NONE

Department of Rehabilitation and Health Services

REQUEST TO VOTE ON ITEMS X-2. THRU X-4. AS A BLOCK – UNANIMOUS APPROVAL

UNANIMOUS APPROVAL

X-2. RHAB 5721 – Rehabilitation Counseling Applications (Prerequisites)

Prerequisites: ~~None.~~ > Successful completion of RHAB 5720.

X-3. RHAB 5722 – Advanced Counseling Techniques in Rehabilitation Counseling (Description, Prerequisites)

Description: ~~For students who are qualified to develop professional competence in special areas of rehabilitation counseling.~~ > Students will learn and practice advanced counseling skills involving techniques and strategies associated with major counseling theories. Emphasis is on skill development, case conceptualization, and self-awareness.

Prerequisites: ~~Consent of instructor.~~ > Successful completion of RHAB 5721.

X-4. RHAB 5724 – Disability and the Family System (Prerequisites)

Prerequisites: ~~RHAB 5720.~~ > NONE.

B. Course Deletions

NO NEW BUSINESS

REQUEST TO AJOURN MEETING – UNANIMOUS APPROVAL