THE UNIVERSITY OF TEXAS AT TYLER GRADUATE COUNCIL MARCH 18, 2022 1:00-3:00

☒ Dr. Torey Nalbone, Chair	☒ Dr. Steven Idell, Dean*	☒ Dr. Kouider Mokhtari, Assoc Dean*	☒ Dr. Gisele Abron, RO*
☒ Dr. Kent Willis, Assoc Dean*	☒ Katie Hall, Grad Exec Director*	☐ Dr. Takova Wallace-Gay, Faculty Senate*	☒ Rebecca McKay Johnson, Lib*
☐	☒ Dr. Barbara McAlister, CNHS	☐ Dr. William Sorenson, SCRH	
☒ Dr. Michael Morris, SCRH	☐ Dr. Kevin Moore, SCRH	☐ Dr. Annamary Consalvo, CEP	☐ Dr. Erin West, CEP
☒ Dr.Gokhan Saygili, COE	☒ Dr. Mukul Shirvaikar, COE	☒ Dr. Kathy Snella, FCOP	☐ Dr. Joe Glavy, FCOP
☒ Dr. Mary Fisher, SCOB	☒ Dr. Tom Roberts, SCOB	☒ Dr. Anna Kurdowska, SMBS	☐ Dr. Vijay Boggaram, SMBS
☒ Dr. Sean Butler, CAS	☐ Dr. Jon Seal, CAS	☒ Joanna Fagan, CEP Student Rep	☐ Student Rep

ITEM	DISCUSSION	ACTION
I. Call to Order	Zoom https://uttyler.zoom.us/j/92315521480?pwd=eVhwMlg2T21YTkZLYTMvMDVpK0VvUT09 Meeting ID: 923 1552 1480 Passcode: 814133	
II. Approval of Minutes	A. Approval of minutes from February 11th, 2022 meeting Motion to approve Dr. Fischer, Dr.McAlister 2nd – all approved 2021-2022 Graduate Council Meeting dates: Mar 18, Apr 8, May 13	
III. Committee Reports A. Curriculum Committee	A. Curriculum Subcommittee report and recommendations 1. March 2022 Curriculum proposals for GC approval All submissions approved, Dr. Mary Fischer moves by subcommittee approved request, Dr. Mike Morris 2nd the request, all approved	
IV. Unfinished Business	A. Follow up discussion on the TRB initiative per Dean Idell TRB – ½ tuition for 10 studnets in programs with low numbers, moving this forward for reviews and approvals. B. Redefining Graduate full-time status & financial aid impact; tabled until more info from all departments, Ad Hoc committee Chair Mary Fischer. Hold C. Graduate Council representation & what makes up a college unit. Document sent to ad hoc – Chair Torey Nalbone, Erin West, Mary Fischer, Mike Morris, Torry Tucker to be contacted for representation. Hold D. Guidance document to make changing of Grad Council members timely & efficient tabled from January/February. Kouider Mokhtari to meet with Steve Idell & Torey Nalbone Hold E. Academic probation policy; North Campus – tabled Michael Morris Hold F. Transfer of military service credit, transferability of credits document forwarded by Gisele Abrons for Torey Nalbone to send out to Graduate Council Dr. Torey Nalbone presented slides explaining the process of converting military transcripts into college transcripts. Dr. Nalbone will work with Coby Dillard to modify the form. Dr. Torey Nalbone motioned and Dr. Tom Roberts 2nd the request, all approved	

V. New Business	A. Introduction of new New Student Success Coordinator – Jennifer Moore, currently the Admissions Representative in Graduate Admissions	
VI. Announcements/ Open Forum		
VII. Adjourn	Adjourned 2:03	

2022 March GC Curriculum Submissions

Course Changes (11)

MENG 5318 Manufacturing Systems

This course covers fundamentals of HVAC, including properties of moist air, psychometrics, psychrometry of air conditioning processes, vapor-compression refrigeration cycle, design conditions, and load calculations. Components, equipment, and common systems, as well as software for HVAC with emphasis in whole building energy simulation are introduced.

NURS 6301 Introduction to DNP Role and Culture

This introductory course in the Doctor of Nursing Practice (DNP) program includes an exploration of the various functions, roles, and positions that DNP-prepared nurses may hold. The responsibility of DNP-prepared nurses to promote evidence-based practice is emphasized. Students will use self-assessment and reflection of individual strengths and emotional intelligence to develop action plans for personal growth during the DNP program.

NURS 6303 Healthcare Informatics

Exploration of data management systems needed to manage patient, systems and research information is the focal point of this course. Students will develop their data analysis and visualization skills with hands-on practice using business software. Refinement of the data analysis plan for the DNP Scholarly Project will be included.

NURS 6315 Evidence-based Practice I

In this course, students will apply the concepts of evidence-based practice (EBP) to transform their identified practice problem into a DNP scholarly project. Activities include systematic search for evidence, evidence appraisal, and synthesis of a body of evidence.

NURS 6317 Evidence Based Practice 11

In this course, students will continue to apply the concepts of evidence-based practice (EBP) to transform their identified practice problem into a fully developed DNP scholarly project. Activities include all phases of the project planning process.

NURS 6358 Population Health for DNP Leaders

The focus of this course is population health across the healthcare delivery continuum. Determinants of health and factors that increase the risk for poor health outcomes are examined. Collaborative partnerships, clinical prevention, information systems, and interdisciplinary methodologies to promote equitable population health outcomes will be explored. Students will reflect on their personal strengths and consider implementation strategies to address population health needs in their DNP scholarly project.

NURS 6371 Organizational & Systems Leadership

This course will provide students with opportunities to apply reflection and critical thinking to plan evidence-based initiatives to improve outcomes in organizations and/or systems. Students will utilize strengths-based leadership and emotional intelligence to analyze system-wide processes to assess the sustainability of organizational change.

NURS 6373 Financial & Business Management for DNP Leaders

This course is focused on the financial and business management concepts needed by DNP-prepared nurses. The concepts of cost-effective, accessible, and equitable resources are addressed. The internal and external factors that drive healthcare costs and reimbursement will be analyzed.

NURS 6375 Healthcare Quality & Safety for DNP Leaders

This course is focused on the concepts of quality and safe in healthcare delivery. Quality care is the extent to which care services improve desired health outcomes and are consistent with patient preferences and current professional knowledge (IOM, 2001). "Safety is inclusive of attending to work environment hazards, such as violence, burnout, ergonomics, and chemical and biological agents; there is a synergistic relationship between employee safety and patient safety" (AACN, 2021, p. 43). DNP leaders must be able to address contributors and barriers to quality and safety, at both individual and system levels.

NURS 6377 DNP Scholarly Synthesis

Synthesis of previous coursework, including strengths-based leadership plan and inter-professional management of populations will be incorporated. Finalization and dissemination of the DNP Scholarly Project are addressed.

'PHAR 7219 Drug Information Retrieval and Literature Evaluation

This course focuses on the critical evaluation and use of medical literature in pharmacy practice.

1. Course name is being changed. Informatics content is being moved into a different course.
2. Course description is changed based on informatics content being moved into a different course.
3. Added pre-requisite course

Change Program (4)

Doctor of Pharmacy Degree

A new required course (PHAR 7688 P4 Capstone Course) has been added to the Pharm.D. program. This will increase the number of semester credit hours from 144 to 150 hours. The change in credit hours requires notification to the THECB, but does not require review by the UTS OAA review or Board of Regents per Dr. Berman and UTS Program Change Workflow chart.

Family Nurse Practitioner Certificate Program,

These admission criteria changes apply all to ALL five nursing post-graduate certificates (Administration, .Education, Informatics, FNP, PMHNP). The changes made were necessary to clarify licensure requirements and to align the certificate admission criteria with those of the MSN. A reference to Nursing Informatics practicum was incorrect and needs to be deleted.
Note: This is an all inclusive catalog copy change that addresses all the FNP certificates.

Nursing M.S.

Minor changes to the admission criteria to clarify licensure requirement and to distinguish between advance practice degrees and other MSN degrees. Catalog copy attached below.

Electrical Engineering M.S.E.E.

A change is proposed in the admission criteria to allow for a GRE waiver if applicant meets certain conditions. This change is to boost enrollment in the MSEE program by allowing practicing engineers a smoother path to gain admission.

GRE Exam Waiver Conditions

To qualify for a GRE waiver, students must meet one of the conditions below:

1. Completed their undergraduate degree from an ABET-accredited program within the past 5 years with a 3.0 cumulative GPA on a 4-point scale.
2. Completed their undergraduate degree within the past 5 years with a 3.25 cumulative GPA on a 4-point scale.
3. Have 2 years of professional work experience in a relevant engineering field and 3.0 cumulative GPA on a 4-point scale.
4. Completed 12 graduate hours in a related field of study within the past 5 years with a 3.25 graduate GPA on a 4-point scale.
5. Authored or co-authored one peer-reviewed publication in a related field of study within the past 5 years.

The committee may request additional material and/or interview the applicant to reach a final decision.

New Course (3) - approved

NURS 6302 Foundations of Evidence-based Practice

This foundational course is designed to prepare students for translating evidence into nursing practice. This course includes research principles, models of evidence-based practice (EBP), systematic literature searching, and appraisal of evidence to establish the background and significance of a practice problem.

PHAR 7230 Principles of Drug Development

This course provides basic understanding of the fundamental principles and process of drug discovery, design, and development.

PHAR 7688 Professional Year 4 (P4) Capstone Course

This course reviews core topics that students will need to demonstrate competency to serve as an effective entry-level pharmacist.

New Program (2) - approved

Graduate Engineering Certificate in Biosensors and Biotechnology

The Graduate Certificate in Biosensor and Biotechnology provides an understanding of the principles, architecture and applications of biosensors in order to develop and implement systems for biomedical research, public health, food safety, agriculture, forensic, environmental protection, and homeland security. It will enhance the portfolio of the Graduate School and encourage enrollment from practicing engineers.

Certificate Requirements

The certificate requires students to complete 12 graduate semester credit hours (4 courses) with a grade of B or better in each course. Prerequisites for all certificate courses will apply. Courses completed to obtain this certificate may be used to satisfy MSEE degree requirements but may not be used to satisfy requirements for another certificate program.

Required Courses (6 hours)

EENG 5318 Biosensors and Biosignal Processing
EENG 5341 Biosensor Design

Elective Courses (6 hours)

Two courses must be selected from this list.
EENG 5310 Solid State Devices
EENG 5351 Internet of Things (IoT) Systems
EENG 5342 Optoelectronics and Photonics
EENG 5308 Digital Signal Processing
MENG 5361 Biomechanics
MENG 5362 Biomaterials
Completion of a certificate curriculum will be noted on a student's transcript. No diploma is awarded by the university for completing a certificate. A certificate of completion will be awarded by the Department of Electrical Engineering

Graduate Engineering Certificate in Internet-of-Things (IoT) and Smart Systems

The Graduate Certificate in Internet-of-Things (IoT) and Smart Systems provides an understanding of technologies, architectures, standards, ecosystem, and regulation in order to develop and implement IoT applications and solutions, for billions of connected devices embedded in smart systems such as modern transportation systems, advanced healthcare systems, and modern retail systems that collect and transmit data and adapt its behavior. It will enhance the portfolio of the Graduate School and encourage enrollment from practicing engineers.

Certificate Requirements

The certificate requires students to complete 12 graduate semester credit hours (4 courses) with a grade of B or better in each course. Prerequisites for all certificate courses will apply. Courses completed to obtain this certificate may be used to satisfy MSEE degree requirements but may not be used to satisfy requirements for another certificate program.

Required Courses (6 hours)

EENG 5351 Internet of Things (IoT) Systems
EENG 5354 Computer Networks

Elective Courses (6 hours)

Two courses must be selected from this list.
EENG 5319 Neural Networks
EENG 5320 Computer Architecture
EENG 5322 Image Processing
EENG 5331 Digital Communications
EENG 5335 FPGA Design
EENG 5336 Real Time Systems
EENG 5341 Biosensor Design
Completion of a certificate curriculum will be noted on a student's transcript. No diploma is awarded by the university for completing a certificate. A certificate of completion will be awarded by the Department of Electrical Engineering.