



Minutes of the 5th meeting of
The Graduate Council
2022-2023

Date and Time: Thursday, February 2, 2023
Place: Zoom Meeting

Zoom Attendance: Dr. Deborah Carr, Dr. Jaclyn Cravens, Dr. Benildo De Los Reyes, Dr. Melissa Gotlieb, Dr. Scott Longing, Dr. Babu Mariadoss, Dr. Jon McNaughtan, Dr. Devendra Shah, Dr. Andrew Stetson, Dr. Mark Webb, Dr. Changxu Xu

Ex-officio: Dr. Kristi Gaines, Dr. Heather Greenhalgh-Spencer, Dr. Darryl James, Ms. Carrye Syma

Visitors: Dr. Rashid Al-Hmoud, Dr. Carols Carpio, Dr. Gina Childers, Dr. Sheldon Gorell, Dr. Rebecca Hite, Dr. Gencie Houy, Dr. Sandra Huston, Dr. Sonya Lutter, Dr. Kristen Michelson, Dr. Cynthia Miller, Dr. Kyle Roberson, Dr. Stephanie Shine, Dr. Julie Smit, Dr. Jaeki Song, Ms. Celeste Yoshinobu

I. The Graduate Council minutes are available in the Graduate School office and on the Graduate School website at www.depts.ttu.edu/gradschool.

II. A motion was made by Jon McNaughtan and seconded by Jaclyn Craven to approve the minutes 4th meeting of the Graduate Council that was held on Thursday, December 01, 2022. The Graduate Council approved these minutes.

III. Students admitted to Doctoral Candidacy.

The following students were admitted to candidacy for the doctorate on the recommendation of their departments. A motion was made by Mark Webb and seconded by Jaclyn Cravens to approve the list. The Graduate Council approved the candidate list.

Syed	Fuad	Agricultural and Applied Economics
Cynthia	Pierfax	Agricultural Education
Paulo Roberto	Menta Junior	Animal Science
Abigail	Rutrough	Biology
Kalin	Skinner	Biology
Todd	Bollinger	Biology
Andrew	Bennett	Chemistry

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Debojyoti	Das	Chemistry
Hao	Liu	Chemistry
Mariano	Guagliardo	Chemistry
Ryan	Perry	Chemistry
Syed	Mudassir	Chemistry
Jessica	LaFond	Civil Engineering
Kaylin	McDermett	Civil Engineering
Malitha Chathuranga	Rajapaksha Manikkunambi	Civil Engineering
Nardos	Feknsa	Civil Engineering
Sharif Reazul	Arefin	Civil Engineering
Ghazanfar	Ali	Computer Science
Alan	Prather	Curriculum and Instruction
Brian	Horstman	Curriculum and Instruction
Erika	Nunez	Curriculum and Instruction
Erin	Higginson	Curriculum and Instruction
Nicholas	Kasperek	Curriculum and Instruction
Taylor	Darwin	Curriculum and Instruction
Terisa	Odowd	Curriculum and Instruction
Ebtehal	Almutairi	Economics
Ersong	Li	Economics
Mohammad Ismayl	Al Masud	Economics
Danielle	Trevino	Educational Leadership
Jillian	Howard	Educational Leadership
Marshal	Herron	Educational Leadership
Misty	Gandy	Educational Leadership
Eunice	Ohidah	Educational Psychology
Laura	Ward	Electrical Engineering
Md Kamrul Hasan	Foysal	Electrical Engineering
Michael	Brown	Electrical Engineering
Tsz	Tsoi	Electrical Engineering
Marcos	Vargas-Manriquez	English
Samuel	Littman	English
Bianca	Rendon	Environmental Toxicology
Oscar	Rosales	Family and Consumer Sciences Education
Sarah	Allen	Family and Consumer Sciences Education
Diana	McCutcheon	Fine Arts
Jessica	McDonald	Geosciences
Christine	Pacheco	Higher Education
Hector	Noriega	Higher Education
Megan	Ohlmann	Higher Education
Shannon	Leaper	Higher Education

Ivan Dario	Arango Iturregui	Land-Use Planning, Management, and Design
Hettiarachchige Sithma	Pinto Jayawardena	Mathematics
Hong Bin	Weng	Mathematics
Kusal	Rathnayake	Mathematics
Michael	Clines	Mathematics
Rahnuma	Islam	Mathematics
Yawei	Cheng	Mathematics
Redowan	Niloy	Mechanical Engineering
Sheikh	Ahamed	Mechanical Engineering
Natasha	Strydhorst	Media and Communication
Israel	Wallauer De Mello	Music
Julia	Tatum	Music
Pershauna	Johnson	Music
Stephanie	Reyes	Music
Victoria	Pitre	Music
Marleigh	Hefner	Nutritional Sciences
Ritchel	Gannaban	Nutritional Sciences
Diana	Maury Fernandez	Petroleum Engineering
Keju	Yan	Petroleum Engineering
Othman	Bin Abdulwahab	Petroleum Engineering
Tanazza	Khanam	Physics
Shaida Sultana	Rumi	Plant and Soil Science
Troy	Ostmeyer	Plant and Soil Science
Justin	Carter	Political Science
Priya	Gill	Systems and Engineering Management

IV. Academic Requests

All of the following come with a motion of approval from the Academic Program sub-committee meeting held on January 26, 2023. A second was made by Jacyln Cravens to approve all of the following proposals. The Graduate Council approved all proposals.

DAVIS COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES

AAEC 5306: Applied Big Data Analytics (*Addition*)

OFFICE OF THE PROVOST

AFF 5013: TTU Affiliate Study Abroad (Change in *course prefix* from GST and *CIP code*)

SCHOOL OF VETERINARY MEDICINE

SVM 6330: Environmental Health (*Addition*)

RAWLS COLLEGE OF BUSINESS

Information Technology – (**Concentration change**)

ACCT 5303: Applied Data and Analytics for Financial Accountants and Auditors (change in **title** from Data Analytics for Accountants)

ISQS 5334: Optimal Decisions in the Supply Chain (**Addition**)

ISQS 5335: Risk and Resilience in Supply Chain (**Addition**)

MKT 5385: Micro Foundations of Supply Chain Management (**Addition**)

MKT 5386: Supply Chain Management Strategies (**Addition**)

MASTER OF SCIENCE IN FINANCE – (**Semester credit hour change**)

Supply Chain and Optimization (**Concentration Addition**)

COLLEGE OF ARCHITECTURE

ARCH 5600: Integrative Architectural Design Studio I (change in **title** from Architectural Design and Research and **course description**)

ARCH 5602: Integrative Architectural Design Studio II (change **title** from Integrative Architectural Design Studio and **course description**)

ARCH 5603: Architectural Design and Research I (change in **title** from Architectural Design and Research II)

ARCH 5604: Architectural Design and Research II (change in **title** from Architectural Design and Research III)

WHITACRE COLLEGE OF ENGINEERING

ENGR 5392: Ethics in Engineering Practice and Research (**restrictions**)

ENVE 5392: Environmental Chemodynamics (**pre-requisite change**)

PETR 5307: Enhanced Oil Recovery (change in **course description**)

PETR 5312: Contemporary Enhanced Oil Recovery Processes (change in **title** from Simulation of Enhanced Oil Recovery Applications and **course description**)

PETR 5317: Advanced Well Completion and Stimulation (change in **title** from Well Completion and Stimulation)

COLLEGE OF EDUCATION

ESTM 5313: Nature of Informal STEM Education (change in **title** from Nature of Informal Science Education, **prefix** from EDCI and **course description**)

ESTM 5315: Learning theories and Curriculum Models in Informal STEM Education (change in **title** from Learning Theories and Curriculum Models in Informal Science Education, **prefix** from EDCI and **course description**)

ESTM 5316: Assessment in Informal STEM Education (change in **title** from Assessing Learning in Informal Science Settings, **prefix** from EDCI and **course description**)

ESTM 5371: Curriculum and Instruction in STEM Education (change in **title** from Curriculum and Instruction in Science and Math Education, **prefix** from EDCI and **course description**)

ESTM 5372: Standards and Assessment in STEM Education (change in **title** from Assessment Issues in Science and Math Education, **prefix** from EDCI and **course description**)

ESTM 5373: Designing Project-Based Learning (PBL) in STEM Education (change in **title** from Designing Project-Enhanced Environments for Science and Mathematics, **prefix** from EDCI and **course description**)

ESTM 5377: **Technology in STEM Education** (change in *title* from Technology in Science/Math Education, *prefix* from EDCI and *course description*)

ESTM 5378: **High Cognitive Demand Tasks in STEM Classrooms** (change in *title* from High Cognitive Demand Tasks in Mathematics and Science Classrooms, *prefix* from EDCI and *course description*)

ESTM 5374: **Engineering Design Processes in STEM K-12 Education** (*Addition*)

ESTM 5376: **Teacher Leadership and Advocacy in STEM Education** (*Addition*)

EDHE 5310: **Seminar in Higher Education** (change in *course number* from 5001 and *credit/contact hours* to 3:3:0:0)

LDLS 6347: **A Genealogy of Research in Language and Literacy Acquisition** (change in *title* from Research in Language (Bilingual) and Literacy Acquisition)

COLLEGE OF ARTS & SCIENCES

Applied Linguistics Graduate Minor (*Addition*)

BIOL 6302: **Principles and Practice of Phylogenetic Systematics** (change in *course number* from 6304)

BIOL 5401: **Advanced Plant Physiology** (change in *prefix* from BOT)

BIOL 5404: **Advanced Taxonomy of the Vascular Plants** (change in *prefix* from BOT)

BIOL 6302 **Advanced Field Botany** (change in *prefix* from BOT)

BIOL 6409: **Advanced Plant Development** (change in *prefix* from BOT)

CHEM 5102: **Seminar** (change *credit/contact hours* to 1:1:0:1 and *activity type*)

ECO 6353: **Consumption and Investment: Microfoundations and Aggregate Dynamics** (*Addition*)

GEOG 5304: **Advanced Physical Geography** (change *CIP code* to 30.4404.0002)

GEOG 5306: **Seminar in Geography of Arid Lands** (change in *CIP code* to 30.4401.0002)

GEOG 5310: **Reading in Geography** (*Deletion*)

Graduate Certificate in Geographic Information Sciences and Technology (change in *curricular content*)

GPH 5323: **Advanced Environmental Geophysics** (change in *title* from Advanced Potential Field and Electromagnetic Methods in Geophysics)

HIST 7310: **Capstone Portfolio** (*Addition*)

Geography and the Environment (*degree title* change from Master of Science Geography and *CIP Code* to 30.4401.0002)

Terminal Master of Arts: Non-Thesis Professional Enrichment (change in *modality* and *semester credit*)

ZOOL 6305: **Molecular Systematics and Evolution** (*Deletion*)

ZOOL 6000: **Master's Thesis** (*Deletion*)

HUMAN SCIENCES

ENVD 6381: **Environment and Behavior Design Analysis** (change in *course number* from 5381)

ENVD 5388: **Design for Inclusion** (change in *title* from Design of Interior Environments for Physically and Mentally Challenged Populations, *course description* and *CIP code* to 04.0501.0006)

Graduate Certificate in Financial Health and Wellness (*Addition*)

Graduate Certificate in Human Sciences Education and Training (*Addition*)

HDFS 5331: Early Childhood Education and Care Today: Examining Practices, Policies, and Key Issues (*Addition*)

HDFS 5332: Early Childhood Education and Care Policy: Theory, Analysis, and Research (*Addition*)

HDFS 5333: Early Childhood Education and Care Today: Policy, Leadership, and Policy Advocacy (*Addition*)

Master of Science in Environmental Design (change in *credit hour*)

MS in Nutritional Sciences (*modality change*)

NS 5333 Leadership, Management, and Entrepreneurship (*Addition*)

NS 5355: Culinary Medicine (*Addition*)

PFP 5326 Charitable Planning for Large Estates (change in *title* from Advanced Charitable Giving)

PFP 5377 Psychology of Financial Planning I (change in *title* from Client Communication and Counseling)

PFP 5378: Interdisciplinary Approaches in Financial Health & Wellness (*Addition*)

PFP 6394: Psychology of Financial Planning II (change in *title* from Psychology of Financial Planning: Research, Theory, and Methods and *course description*)

RETL 5335: Advanced E- and Mobile Commerce (change in *title* from ADV Web-Based Retail MGMT and *course description*)

V. Graduate Faculty

The following faculty applications come with a motion of approval from the Graduate Faculty subcommittee. A second was made by Babu Mariadoss to approve the following applications. The Graduate Council approved.

- a. Randall Jeter – Biological Sciences
- b. Fang Chen – Center for Biotechnology and Genomics
- c. Richard Gale – Electrical and Computer Engineering
- d. Vittal Rao – Electrical and Computer Engineering
- e. Sarai Brinker - Music

VI. Old Business

None

VII. New Business

None

VIII. Announcements

Next meeting will be on March 2, 2023