

**Graduate Council Minutes**  
**Thursday – April 18, 2019**  
**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 Members:** *Douglas Brozovic (present by proxy), Denise Catalano (absent), Kris Chesky, Lynne Cagle-Cox, Nick Evangelopoulos, Jordan Frith, Jennifer Lane, Gwen Nisbett (present by proxy), Daniel Peak (absent), Gayle Prybutok, Prathiba Natesan (present by phone)*

**I. ANNOUNCEMENTS**

I-1. April's meeting is the last face-to-face meeting for the academic year. Meetings will continue over the summer and will be conducted electronically. Same practice as last summer will continue: The College submitting the proposal will be contacted on whether they would like the item to be discussed at the start of the fiscal year for face to face discussion or allow the item to be voted upon thru a discussion board during the summer electronically.

MOTION TO VOTE ON ALLOWING GRADUATE COUNCIL MEETINGS TO BE CONDUCTED ELECTRONICALLY OVER THE SUMMER - UNANIMOUS APPROVAL

UNANIMOUS APPROVAL OF ITEM I-1.

**II. MINUTES**

MOTION TO VOTE ON ITEM II-1. – UNANIMOUS APPROVAL

UNANIMOUS APPROVAL OF ITEM II-1.

II-1. Approval of March 21, 2019 minutes.

**III. CHAIR / TGS DISCUSSION ITEMS / ACTION ITEMS / INFORMATION ITEMS**

III-1. Search for volunteers for Graduate School Scholarship and Awards Subcommittee – TGS discussion item

III-1. Dr. Oppong was looking for consensus to volunteering GC members to comprise a Graduate School Scholarship and Awards Subcommittee. Dr. Oppong voiced that GC members would be the best representation on evaluating these awards since they comprise of several disciplines. When a subcommittee is needed, an email will be sent out to GC members searching for 3-5 members to participate. GC members available to participate will then form the subcommittee group for that particular scholarship/award. GC members will be able to recuse themselves from volunteering if they are not available. Dr. Oppong is also seeking GC members for assistance in creating the rubrics for evaluating these students.

MOTION TO VOTE ON ITEM III-1. – UNANIMOUS APPROVAL

UNANIMOUS APPROVAL OF ITEM III-1.

**IV. REQUEST FOR NEW COURSES**

College of Engineering

Department of Materials Science & Engineering

MOTION TO VOTE ON ITEM IV-1. – UNANIMOUS APPROVAL

**UNANIMOUS APPROVAL OF ITEM IV-1. W/FRIENDLY AMENDMENT TO REQUESTING EXCEPTION FOR 2019-20.**

**IV-1. MTSE 5640 - Additive Manufacturing: Processes and Materials Science Fundamentals – 3 hours**

**Description:** Additive manufacturing is the formalized term for what used to be called rapid prototyping and what is now popularly called 3D Printing. Fundamentals of additive manufacturing processes are discussed within the context of the traditional manufacturing life cycle. The broad range of additive manufacturing processes, devices, capabilities and materials that are available are also discussed, and the various tradeoffs that must be made in selecting additive manufacturing processes, devices and materials to suit particular product requirements are addressed. Covers some basics of heat and mass transfer associated with AM processes, fundamentals of casting and its relationship to AM, and the broad physical metallurgy of AM processed metals and alloys.

**College of Liberal Arts & Social Sciences**

**Department of Geography & the Environment**

**MOTION TO VOTE ON ITEM IV-2. – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM IV-2.**

**IV-2. GEOG 5195 - Advanced Geospatial Data Analytics – 3 hours**

**Description:** Develop and implement the computational and data infrastructure needed to support data analytics. Understand exploratory data analysis (EDA) and exploratory spatial data analysis (ESDA) methods and appropriate ways of applying them to a variety of unstructured datasets. Use geovisualization techniques to communicate and interpret information learned from data.

**Toulouse Graduate School**

**MOTION TO VOTE ON ITEM IV-3. – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM IV-3.**

**IV-3. ADTA 5100 - Fundamentals of Advanced Data Analytics – 3 hours (Requested Exception Yr.: 2019-20)**

**Description:** This course introduces fundamental statistical concepts, data analysis methods, and data management systems. Students will use familiar tools to prepare data for analysis and practice techniques associated with exploratory data analysis, interpretation of results, and communicating the significance of their analysis. Knowledge and skills gained in this course will prepare students for more advanced analytics and programming courses.

- V. REQUEST FOR ADD NEW OR DELETE EXISTING MAJOR/PROFESSIONAL FIELD, CONCENTRATION, OPTION, MINOR, CERTIFICATE (excluding GACs), OR SPECIALIZATION**
- VI. REQUEST FOR ALL GRADUATE ACADEMIC CERTIFICATES**

**College of Liberal Arts & Social Sciences**

**Department of Geography & the Environment**

**MOTION TO VOTE ON ITEM VI-1. – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM VI-1. W/FRIENDLY AMMENDMENT OF EDITED VERBIAGE TO THEIR PRELIMINARY INFORMATION.**

**VI-1. Geographic Information Systems (GIS) certificate – Change in Requirements (was submitted on *Change of Program* form)**

**Justification:** The graduate GIS certificate program is being revised to allow greater flexibility in the electives that can count towards the certificate.

**Preliminary Information:** This certificate may be acquired within the MS in geography, but is also open to graduate students in other programs **or** non-degree seeking students, **including** ~~or~~ outside teachers or professionals who wish to add GIS capabilities to their present careers. A grade of B or better is required in every course counted toward the certificate.

**VII. REQUEST FOR NEW GRADUATE TRACK PATHWAYS**

**VIII. REQUEST FOR CHANGE IN PROGRAM, MAJOR, MINOR, DEGREE, OPTION, CONCENTRATION OR REQUIREMENTS**

**A. In Grad Track**

College of Liberal Arts & Social Sciences

Department of Communication Studies

**MOTION TO VOTE ON ITEM VIII-1. – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM VIII-1.**

**VIII-1. Communication Studies, BA with grad pathway option leading to Communication Studies, MA – Change in Requirements**

**Justification:** The newly added course provides one more option for participants in the Grad Track program. This course was approved by the Graduate Curriculum Council last year.

**IX. REQUEST FOR DUAL OR JOINT DEGREE PROGRAMS**

**X. CONSENT CALENDAR**

**A. Course Changes**

G. Brint Ryan College of Business

Department of Marketing, Logistics & Operations Management

**MOTION TO VOTE ON ITEMS X-1. THROUGH X-3. AS A BLOCK – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEMS X-1. THROUGH X-3.**

**X-1. LSCM 6001 - Guidance for Research, Education Effectiveness and Networking Workshop - Logistics Systems** (Course Title, Short Course Title, Semester Credit Hours)

**Course Title:** ~~Workshop in Logistics Research~~ > Guidance for Research, Education Effectiveness and Networking Workshop - Logistics Systems

**Short Course Title:** ~~WORKSHOP-LOG-RES~~ > GREEN WORKSHOP

**Semester Credit Hours:** ~~4hour~~ > 3 hours

**X-2. MKTG 6001 - Guidance for Research, Education Effectiveness and Networking Workshop – Marketing** (Course Title, Short Course Title, Semester Credit Hours)

**Course Title:** ~~Workshop in Marketing Research~~ > Guidance for Research, Education Effectiveness and Networking Workshop - Marketing

**Short Course Title:** ~~WORKSHOP-MKTG-RES~~ > GREEN WORKSHOP

**Semester Credit Hours:** ~~4hour~~ > 3 hours

**X-3. MKTG 6070 - Seminar in Consumer Psychology** (Course Title, Short Course Title, Description)

**Course Title:** ~~Operations Research for Marketing~~ > Seminar in Consumer Psychology

**Short Course Title:** ~~OPS-RES-FOR-MKTG~~ > CONSUMER PSYCHOLOGY

**Description:** ~~Focuses on operations research (OR) techniques published in top tier OR journals and their applications in leading marketing journals. Deterministic (e.g., mathematical programming) and stochastic (e.g., reliability theory and queueing theory) techniques are studied with a focus on delineating between optimal and heuristic techniques (e.g., genetic algorithms and simulated annealing). Real world, industry problems and supporting data are used to further validate the application of OR techniques to the discipline of marketing. Analytical tools such as MatLab and SPSS are used. The overall pedagogical approach is that of discovery learning, learning by doing, and learning through discussion and debate.~~ > This seminar explores concepts, theories and research methods relevant to understanding consumer psychology. The objective is to provide doctoral students with an introduction to behavioral science approaches to the study of consumers and consumer psychology, and the opportunity to develop skills relevant to the conduct of behavioral research in marketing.

**College of Health & Public Service**

**Department of Social Work**

**MOTION TO VOTE ON ITEM X-4. – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM X-4.**

**X-4. SOWK 5903 - Seminar in Social Work, Current Issues** (Course Number) (Requested Exception Yr.: 2018-19)

**Course Number:** ~~5890~~ > 5903

**College of Liberal Arts & Social Sciences**

**Department of Geography & the Environment**

**MOTION TO VOTE ON ITEM X-5. – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM X-5. W/FRIENDLY AMENDMENT TO REQUESTING EXCEPTION FOR 2019-20.**

**X-5. GEOG 5420 - Critical Resource Geography** (Course Title, Short Course Title, Description)

**Course Title:** ~~Conservation and Resource Management~~ > Critical Resource Geography

**Short Course Title:** ~~CONSERVATION RESOURCES~~ > CRITICAL RESOURCE

**Description:** ~~Advanced examination of issues associated with conservation and management of natural resources. Includes case studies in a variety of geographical scales: global, regional and especially local. Requires completion of an individual project and advanced readings in topics related to conservation.~~ >

Examines political-economy of human and natural resources and their implications for our environment and global climate change. Includes case studies in a variety of geographical scales. Requires completion of an individual project and advanced readings in topics related to resource and climate change.

**College of Merchandising, Hospitality & Tourism**

**Department of Merchandising & Digital Retailing**

**ITEM X-6. WAS TABLED AT THE MARCH 2019 COUNCIL MEETING; REQUESTING CONSULTATION WITH DEPT.**

**MOTION TO VOTE ON ITEM X-6. – UNANIMOUS APPROVAL**

**MOTION TO TABLE ITEM X-6. – REQUESTING A WRITTEN JUSTIFICATION/EXPLANATION FROM THE DEPARTMENT ON WHAT THE PhD LEVEL STUDENTS WOULD BE DOING DIFFERENTLY TO EARN THE PhD LEVEL COURSE.**

**UNANIMOUS APPROVAL FOR ITEM X-6. TO BE TABLED ONCE AGAIN**

**X-6. MDSE 5710 - Digital Optimization (Add Cross Listing)**

**Cross Listing:** MDSE 6710

**College of Science**

**Department of Biological Sciences**

**MOTION TO VOTE ON ITEM X-7. – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM X-7.**

**X-7. BIOL 6390 - Techniques in Environmental Analysis (Prerequisite) (Requested Exception Yr.: 2019-20)**

**Prerequisite:** *None* > BIOL 5120 Environmental Chemistry, or consent of department.

**B. Course Deletions**

**NO NEW BUSINESS**

**REQUEST TO ADJOURN MEETING – UNANIMOUS APPROVAL**

DRAFT