# Graduate Council Agenda
## Thursday - May 16, 2024
### https://unt.curriculog.com/agenda:685/form
### Zoom mtg. ID: 857 7327 1791

**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.**

I. **ANNOUNCEMENTS**

   **I-1.** Voting Graduate Council co-chair for the academic year

II. **MINUTES**

   **II-1.** Approval of April 18, 2024, minutes

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

   **G. Brint Ryan College of Business**

   **Department of Management**

   **III-1.** **Sport Entertainment Management, MBA** (clarification of requirements**)** (Information Item; Requested Exception Yr.: 2024-25)

   **Description:** The Sport Entertainment Management, MBA had proposal approved in November 2023: https://unt.curriculog.com/proposal:14066/form
   SENM 5001Z- Career Preparation for the Sport Entertainment Industry was inadvertently left off the proposal. The course should be included in the Additional Requirements section.

IV. **REQUEST FOR NEW COURSES**

   **College of Applied & Collaborative Studies**

   **Department of Multidisciplinary Innovation**

   **IV-1.** **INDS 5140 - Industrial Design Process and Management I**

   **Description:** This course exposes students to the processes and concepts that lead to innovative and creative problem solving within the realm of industrial design using established frameworks such as growth thinking, design thinking, and systems thinking. This course prepares students by providing grounding in established concepts needed to move products from problem recognition to manufacturing and mass production phase of the product lifecycle management framework. Participants will engage in a series of projects, critiques, and discussions to develop a comprehensive understanding of managing the industrial design process.

   **IV-2.** **INDS 5150 - Industrial Design Process and Management II**

   **Description:** This course builds upon the foundational concepts introduced in Industrial Design Process and Management I. Through a series of complex projects, this course prepares students to handle various aspects of industrial distribution problems with a focus on efficiency and effectiveness within the product lifecycle

management. Students will deepen their understanding of innovative and creative problem-solving principles and expand their skillsets by applying these principles within the domain of industrial distribution.

## Toulouse Graduate School

### Department of Advanced Data Analytics

**IV-3. ADTA 5650 - Operations Analytics 1**

**Description:** Introduces quantitative methods to model, analyze and support decisions for complex business and industry problems. Fundamental optimization methods are developed and applied to solve business problems using a variety of software tools.

**IV-4. ADTA 5660 - Operations Analytics 2**

**Description:** Develops advanced quantitative methods to model, simulate, analyze, and support decisions for complex business and industry problems involving uncertainty. Topics include decision tree analysis, Markov process models, and queueing theory. Simulation and modeling software tools are introduced and applied to solve real-world problems.

## College of Visual Arts & Design

### Department of Art Education

**IV-5. ARTE 5715 - Intersection of Culture and Race in Art Education**

**Description:** An overview of theories and trends addressing issues of race and culture in art education with a focus on analyzing and writing curriculum. The objective of the course is to introduce students to a range of theories and strategies educators use to design curriculum addressing and bridging cultural difference. Topics include the history of culture and race in American schools, and various pedagogical theories for addressing cultures one is not a part of. This will be an optional course for graduate students in the Art Education program. This course will specifically help those MA (Option 3) students seeking ECE-12 licensure to prepare for their exams and enable practicing teachers (in MA Option 1) returning to graduate school to deepen their skills a chance to evaluate and revise their lessons to deepen their teaching. Evaluation methods include responses to readings and emphasize the application of theory to practice through curriculum analysis and assignments to design and teach lessons for a range of settings including schools, museums, and communities.

## V. REQUEST FOR ADD NEW OR DELETE EXISTING MAJOR/PROFESSIONAL FIELD, CONCENTRATION, OPTION, MINOR, CERTIFICATE (excluding GACs), OR SPECIALIZATION

### Toulouse Graduate School

#### Department of Advanced Data Analytics

**V-1. Master of Science in Advanced Data Analytics with a concentration in Analytics Project Management** (Add) (to correct an oversight in the previously approved courses & concentration to create a companion concentration for ADTA students.)

**Justification:** Virtually all industry sectors are actively engaged in enhancing their data analytics capacities. This trend has accelerated since the recent advances in AI. There is a significant shortage of analytics talent with the experience and skills needed to manage complex analytics projects. Successfully managing analytics projects across the data analytics lifecycle takes strong analytics competencies as well as specialized project management skills.

The courses in this concentration were previously approved and created, along with a graduate academic certificate in Analytics Project Management. This proposal is to correct an oversight in the previously approved courses & concentration to create a companion concentration for ADTA students.

*Indicates THECB approval required

**College of Liberal Arts & Social Sciences**

**Department of Anthropology**

**V-2. Applied Anthropology, MS (\*)** (delete degree)

   **Justification:** We have been asked to delete one degree and the department voted to delete the MS.  We are keeping the MA.

**V-3. Applied Anthropology, MS / Public Health, MPH (UNTHSC) (\*)** (delete degree)

   **Justification:** We are eliminating the MS degree in Anthropology so we must also eliminate the MS/MPH (public health) degree as well.

**College of Visual Arts & Design**

**Department of Design**

**V-4. Design with a concentration in Design Research, MA** (delete concentration)

   **Justification:** Degree no longer taught.

**V-5. Design with a concentration in Design Research, MFA** (delete concentration)

   **Justification:** Degree no longer taught.

**V-6. Design with a concentration in Interior Design for Sustainability, MA** (delete concentration)

   **Justification:** Concentration no longer taught.

**VI.   REQUEST FOR ALL GRADUATE ACADEMIC CERTIFICATES**

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

**G. Brint Ryan College of Business**

**Department of Information Technology & Decision Sciences**

**VII-1. Business Computer Information Systems, BS with grad track option leading to Information Systems and Technologies, MS**

   **Justification:** The Department of Information Technology and Decision Sciences would like to build a new pathway in Business Computer Information Systems to encourage its brightest student to move into graduate study after completing their bachelors degrees.  The selected pathway courses mirror learning objectives and the partnership makes good sense for those students ready for advanced study.

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

**College of Health & Public Service**

**Department of Behavior Analysis**

**VIII-1. Behavior Analysis, MS** (change in description of program and requirements) (Requested Exception Yr.: 2024-25; Rationale: We need the catalog to reflect updated requirements for the degree.)

**\*Indicates THECB approval required**

**Justification:** Update requirements to make the internship an elective option rather than a requirement. This will allow our students more flexibility in completing the program. Also the overall description of the program needed to be updated.

**VIII-2. Applied Behavior Analysis, MA** (change in program description) (Requested Exception Yr.: 2024-25; Rationale: Program information about the MA Behavior Analysis is currently missing from the catalog.

**Justification:** The program description needs to be updated to match our current program.

## College of Liberal Arts & Social Sciences

### Department of Anthropology

**VIII-3. Applied Anthropology, MA** (change in requirements; no change in hours)

**Justification:** We have eliminated the MS degree that had different degree requirements from the MA. Now that we only have an MA and the graduate school is eliminating the language requirement, we will also eliminate the language requirement from the MA.

### Mayborn School of Journalism

**VIII-4. Journalism, MA** (change in requirements; no change in hours)

**Justification:** In order to better align the School's Master of Arts degree with other MA degrees in CLASS, the School is removing its master's thesis and foreign language requirements. These changes make the MA identical to the MJ and make the latter degree redundant. The school therefore proposes the elimination of the MJ.
The School plans to stop admitting students in the MJ immediately. The last student admitted would be in Spring 2024.
The faculty were notified of this decision during the December 6, 2023, faculty meeting.
The School will notify students via email when the MJ program is formally closed.
All existing courses will continue to be offered in the usual rotation.
The school would like to end the program by the start of the 2025-26 school year. Any current MJ students can be converted to the MA degree without taking any additional courses because MJ students are eligible to take any journalism graduate course. Thus with all those goals in mind, the curriculum committee voted to make these changes to the MA degree.

A. **In Grad Track**

## College of Visual Arts & Design

### Department of Art History

**VIII-5. Art History, BA with grad track option leading to Art History, MA** (change in requirements; no change in hours)

**Justification:** ARTH 5848 is being removed as a specific course requirement.  This will allow students flexibility when choosing their 6 SCH of graduate level Art history, MA courses.

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

X. **CONSENT CALENDAR**

A. **Course Changes**

## G. Brint Ryan College of Business

*Indicates THECB approval required

**Department of Information Technology & Decision Sciences**

### X-1. BCIS 5700 - Information Systems and Technologies Capstone

**Course Title:** *Strategic Use of Information Technology* > Information Systems and Technologies Capstone
**Short Course Title:** *STRAT MGMT OF TEC* > IS&T CAPSTN PROJ
**Description:** *Provides an overview and understanding of the issues involved in the strategic management of the information assets of organizations. Examines a broad range of issues and problems associated with the management of information technology (IT) and information systems (IS) and their alignment with the strategic goals of the organizations. Focuses on the managerial rather than the technical issues and views IS from the perspective of managers at all levels.* > Through an integrated capstone project, the students will strengthen their understanding of interrelationships among information technology components in a broader context of IT and business strategy. Projects will leverage student knowledge of programming, IS design concepts, databases, information security as well as specialized and emergent technologies. Students will develop and present solutions to the problems chosen for analysis. Emphasis is placed on a written report and a presentation of solutions attained.

### X-2. DSCI 5180 - Analytics Foundations for Business

**Course Title:** *Introduction to the Business Decision Process* > Analytics Foundations for Business
**Short Course Title:** *BUSINESS DECISION PROC* > ANLYTICS FNDTN

### X-3. DSCI 5250 - Statistical Techniques in Simulation

**Prerequisite(s):** *DSCI 5180* > DSCI 5180 or consent of the department

### X-4. DSCI 5260 - Business Analytics Capstone

**Course Title:** *Business Process Analytics* > Business Analytics Capstone
**Short Course Title:** *BUS PROCESS ANALYTICS* > BUS ANALYTICS CAP
**Description:** *Utilization of problem-solving techniques applied to the functional areas of business under risk and uncertainty. Business process analysis concepts, methodologies and tools are utilized in solving real problems in the business, government and academic settings. The foundations for this are business process analysis employing business process software, six sigma analysis and state-of-the-art statistical software. Students will develop and present solutions to the problems chosen for analysis. Emphasis is placed on problem structuring, creating solutions and presentations of solutions.* > Utilization of business analytics techniques towards the completion of a graduate capstone project. Projects will leverage data analysis to study and improve relevant applications and processes in business, government, and academic settings. The foundations for this are business process analysis tools such as data mining, exploratory data analysis, and machine learning. Students will develop and present solutions to the problems chosen for analysis. Emphasis is placed on a written report and a presentations of solutions attained.

### X-5. MSCI 6720 - Behavioral Research in Decision Making

**Course Title:** *Experimental Design and Statistical Modeling* > Behavioral Research in Decision Making
**Short Course Title:** *EXPERIMENT DESIGN* > BEHAVIOR RESEARCH
**Description:** *Emphasis is focused on both the design and analysis aspects of planned experimentation. Topics include completely randomized designs, block designs, factorial designs, design resolution and fractional factorial designs, response surface analysis, evolutionary operations in process improvement and Taguchi methods.* > Emphasis is focused on both the experimental design and analysis aspects of behavioral research in decision making context. Topics include reviews and insights from psychology, behavioral economics and system dynamics. Application areas include behavioral experimentation research in inventory management, forecasting, buyer-supplier relationship, sourcing, transportation networks, retail operations and service areas including healthcare, project management and product development.
**Prerequisite(s):** *DSCI 5180* > BUSI 6220
**CIP Code:** *27.0302.00.16* > 52.1301.00.16

*Indicates THECB approval required

**X-6. MSCI 6740 - Theory and Application of Mathematical Modeling and Optimization**

**Course Title:** ~~Theory and Application of Operations Research~~ **>** Theory and Application of Mathematical Modeling and Optimization
**Short Course Title:** ~~THEORY & APP OF OR~~ **>** THEORY & APPS OF MODEL
**Description:** ~~Introduction to the theoretical foundations of operation research techniques. Examples and exercises included with an application orientation. Designed to enhance one's understanding of mathematical basis of and research in operations research. Covers the two broad areas of deterministic and stochastic models in operation research. An understanding of basic calculus and matrix algebra is assumed.~~ **>** Introduction to the foundations of mathematical modeling and optimization in management science and operations management context. Topic areas include inventory management, supply chain network design, transportation, and service operations. Covers linear and integer programming along with heuristic development.

## College of Liberal Arts & Social Sciences

### Department of Sociology

**X-7. SOCI 5210 - Introduction to Social Statistics**

**Prerequisite(s):** ~~SOCI 3280 or equivalent.~~ **>** None

**X-8. SOCI 6301 - Intermediate Statistics- Multiple Regression Analysis and Related Methods in Sociology**

**Description:** ~~Application of regression and related methods to analyze data in sociology and related disciplines. Topics include bivariate and multiple ordinary least squares linear regression models, diagnostics, moderating and mediating effects, logistic regression, and use of statistical software for conducting these analyses.~~ **>** Application of regression and the generalized linear model to analyze data in sociology and related disciplines. Topics include multiple regression models, diagnostics, moderating and mediating effects, the generalized linear model, and use of statistical software for conducting these analyses.

**X-9. SOCI 6302 - Advanced Statistics in Sociology**

**Prerequisite(s):** ~~SOCI 6301 or an equivalent multiple regression analysis course.~~ **>** SOCI 5301, SOCI 6301, or an equivalent multiple regression analysis course.

## College of Visual Arts & Design

### Department of Design

**X-10. ADES 5440 - Interaction Design Makerlab 1**

**Description:** ~~Tailored to meeting the needs of students working individually rather than in groups or teams. Develop and design a single interactive, screen-based system over the course of the semester that meets the needs and aspirations of a particular group. No two student's projects will evolve according to the same sets of parameters.~~ **>** Tailored to meet the needs of students working individually rather than in groups or teams. Develop and design a single interactive, screen-based system over the course of the semester that meets the needs and aspirations of a particular group. No two student's projects will evolve according to the same sets of parameters.

**X-11. ADES 5460 - Interaction Design Inception-to-Pitch Capstone Project**

**Description:** ~~Facilitate a series of learning experiences requiring groups to work interdisciplinarily with either an industry partner, a community organization partner, or both. Projects implement a human-centered interaction and design an interactive system that positively affects the behavior of a target group. No two student teams' projects will evolve according to the same sets of parameters.~~ **>** Facilitate a series of learning experiences requiring groups to work interdisciplinarity with either an industry partner, a community

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organization partner, or both. Projects implement a human-centered interaction and design an interactive system that positively affects the behavior of a target group. No two student teams' projects will evolve according to the same sets of parameters.

**X-12. ADES 5540 - Communication Design Studio**

**Prerequisite:** None > None
Justification:  Updating pre-requisite as reflected in EIS catalog long description data. There are no pre-requisites for this course.  The graduate catalog also reflects no pre-requisites. With this submission, it should update EIS to reflect what the graduate catalog already reflects.

**X-13. ADES 5605 - Interior Design Studio**

**Prerequisite(s):** *12 hours of art in the selected area and consent of college.* > None

**Department of Studio Art**

**X-14. ASTU 5000 - Topics in Studio Art**

**Prerequisite(s):** Consent of instructor. > Consent of instructor.
Justification:  Updating pre-requisite to coincide with EIS catalog long description data.

## B. Course Deletions

**College of Visual Arts & Design**

**Department of Design** (for all classes below) (Requested Exception Yr.: 2024-25)

**Justification:** Course no longer taught.

**X-15. ADES 5521 - Applied Design Research Projects: 1**
**X-16. ADES 5522 - Brand and Brand Experience**
**X-17. ADES 5523 - Applied Design Research Projects: 2**
**X-18. ADES 5524 - Design and Its Social Ramifications**
**X-19. ADES 5525 - Applied Design Research Projects: 3**
**X-20. ADES 5526 - Collaborative, Project-Based Design Research**
**X-21. ADES 5530 - Theories Employed by Design Researchers**
**X-22. ADES 5532 - Design Pedagogy: Analysis and Processes**
**X-23. ADES 5534 - Design Education: Strategies and Tactics**
**X-24. ADES 5536 - The Role of Higher Education in Design and Society**
**X-25. ADES 5538 - Guided Teaching Internship**
**X-26. ADES 5540 - Communication Design Studio**
**X-27. ADES 5545 - Communication Design Lecture Topics**
**X-28. ADES 5546 - Practicum in Design Research, Part 1**
**X-29. ADES 5548 - Practicum in Design Research, Part 2**
**X-30. ADES 5630 - Interior Design: Space Planning IV**
**X-31. ADES 5632 - Interior Design: Space Planning V**
**X-32. ADES 5635 - LEED Certification Systems and Accreditations**
**X-33. ADES 5637 - Wellness, Health and Safety**
**X-34. ADES 5640 - Environment and Systems**
**X-35. ADES 5642 - Seminar in Design Sustainability**
**X-36. ADES 5644 - Practicum Project Preparation**
**X-37. ADES 5646 - Practicum in Interior Design Sustainability I**
**X-38. ADES 5648 - Practicum in Interior Design Sustainability II**

## C. Information Item-THECB Delete

*Indicates THECB approval required