

Frisco Grad Track

Summary of work May'21

June 4th, 2021

Program Director Zain Ali

Graduate Research Assistants Neha Singh & Harshitha Swathi





Agenda

- 1. Frisco Grad Council
- 2. Survey Results Review (current status)
- 3. Key New Programs (3)



Frisco Graduate Council launched in March 2021 with

three objectives

- 1. Profile
 - Graduate Council
 - Branding events
 - Advocacy venues
 - Targeted marketing
- 2. Engagement
 - Guest lectures
 - Project sponsorship
 - Student & faculty shadowing
 - Professional development
 - Case interviews
- 3. Partnerships
 - Student internships
 - Student scholarships
 - Research projects
 - Program sponsorship





Frisco Graduate Council: Key Accomplishments & Next Steps

Accomplishments:

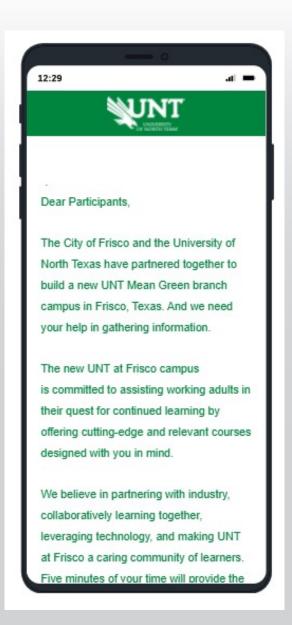
- 1. Frisco Chamber Survey
- 2. PMI Discussion
- 3. CC Scholarship Creation

Long Term Graduate Focus

- Scholarship award & partner event (end of Aug / Sep 21)
- 2. Frisco Chamber Partnership
- 3. Collin County Alumni Survey
- 4. PMI classes finalization

Frisco Grad & Certificate Survey

- Capturing data for validation of new degree and certificate programs for UNT at Frisco.
- Survey dissemination provides awareness of UNT at Frisco
- Target Audience includes Alumni, Chamber of Commerce, Corporations, etc.
- Survey Link —
 https://unt.az1.qualtrics.com/jfe/preview/SV 6yDHn6jnULPPuXc?Q CHL=preview&Q S urveyVersionID=current





Companies in which participant's work

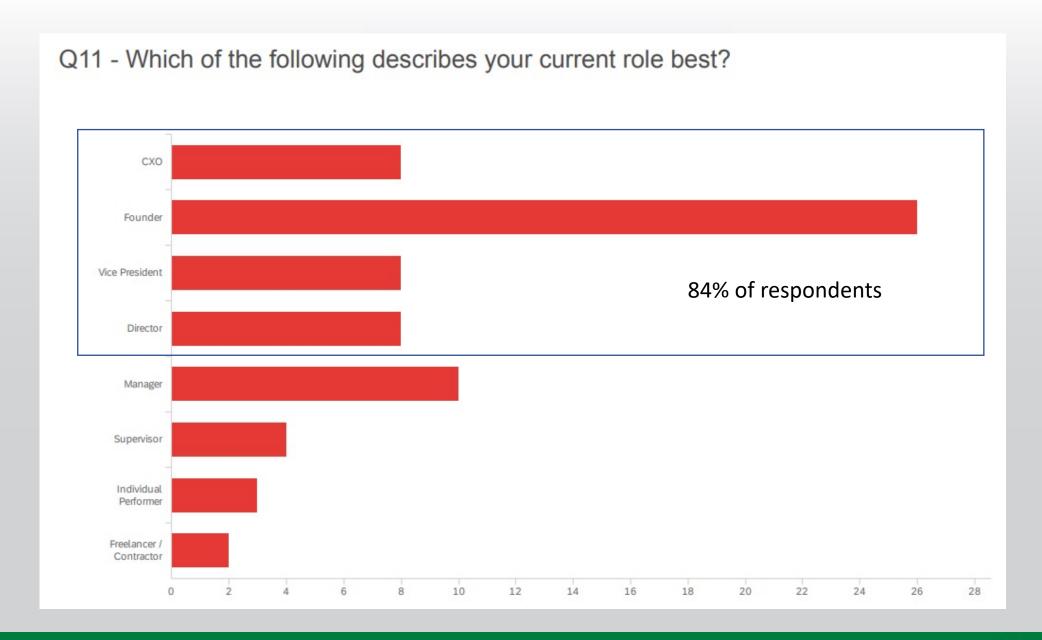
- Javeri Jewelers Inc
- Falkestein Schloss
 Brauerei LLC
- Hot Body Yoga
- Dallas Cowboys
- Mochas & Javas Tx INC
- Amazon.com
- Unquie Montessori Associates
- Epiroc
- Mahnum Flooring
- Careignton
- HireEffect
- EdwardJones
- Holiday Inn Express
- Chamber of Commerce
- Dibber
- Timeless Media, LLC

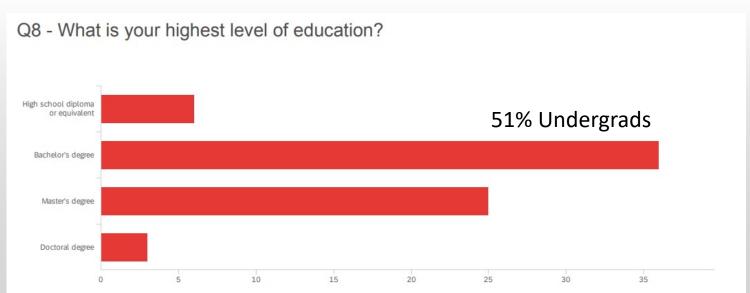
- Traveling Professor LLC
- WEX. Inc
- Watermere at Frisco
- Epiphany Coaching LLC
- Pacesetter Marketing, LLC
- Industrial Distribution Corporation
- Fastestlabs of Plano
- Prairie Estates
- Artistic organics
- NewEdge Services, LLC
- BGE, Inc.
- Clay's Clippers Landscape Creations
- Frisco Family Services
- AMP Creative
- AMAC LLC, Js House of Beauty LLC

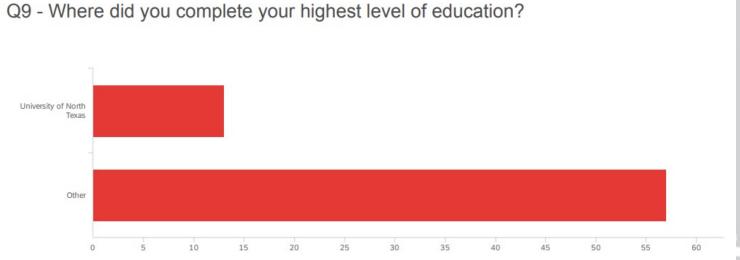
- Self-Employed Consultant
- Marketing Systems Group
- WorldLink
- Anderson Insurance Agency
- Calloway Real Estate and Cibo Kitchens
- Careington
- CMIT Solutions of Frisco and McKinney
- Children's Health
- Cook Childrens
- UNT
- Abacus Group IIc
- Kelly High School
- Frisco Chamber of Commerce
- ABC
- Nutech
- Unt

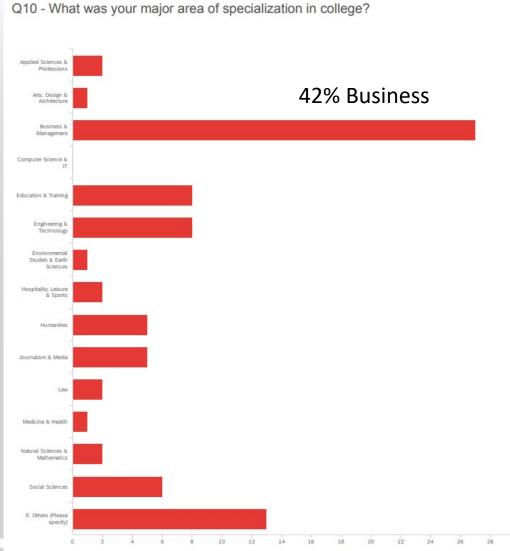


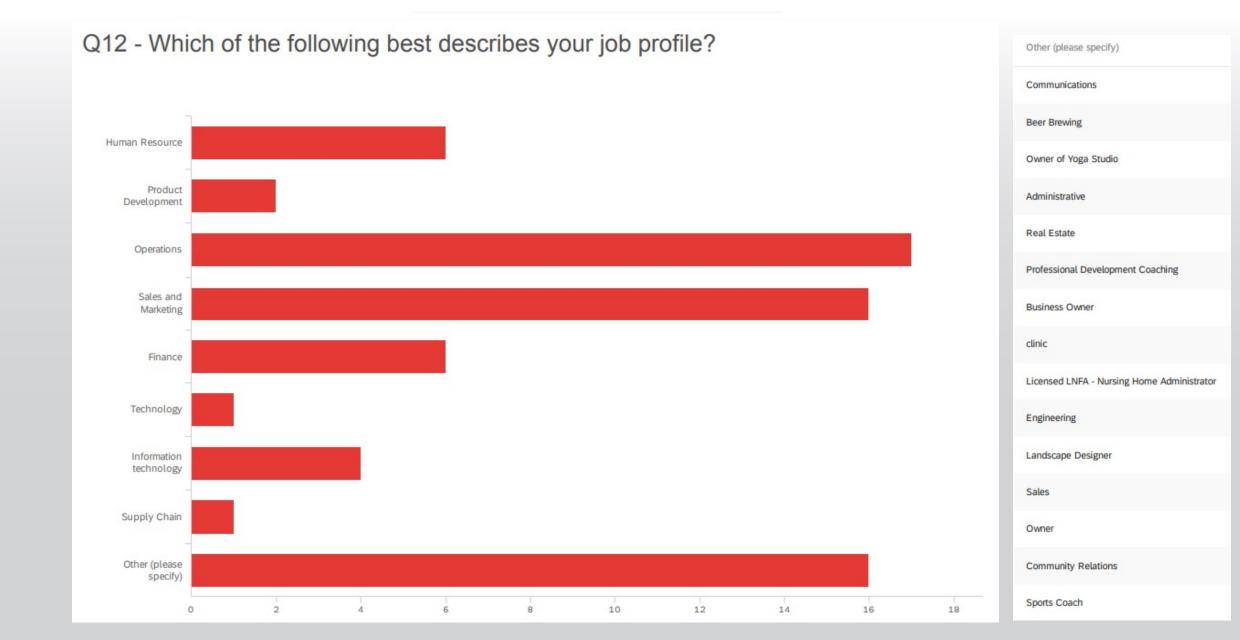




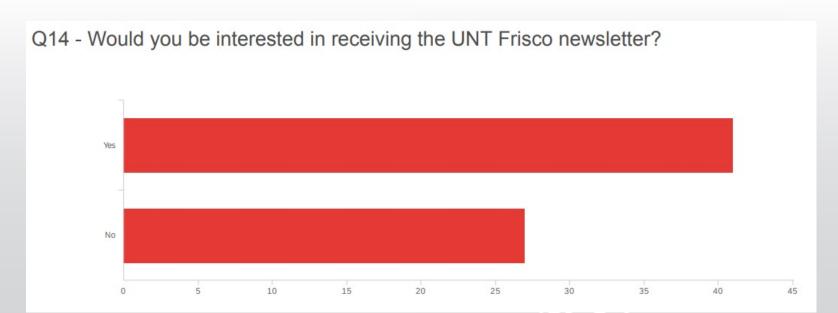


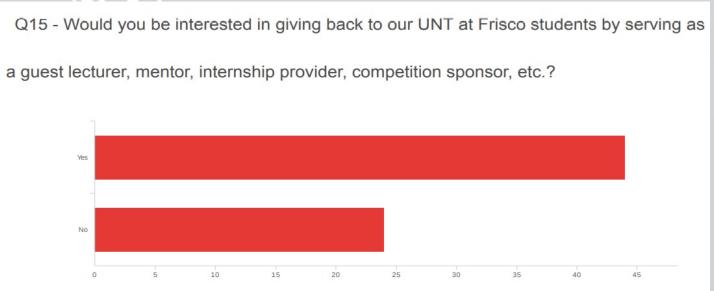


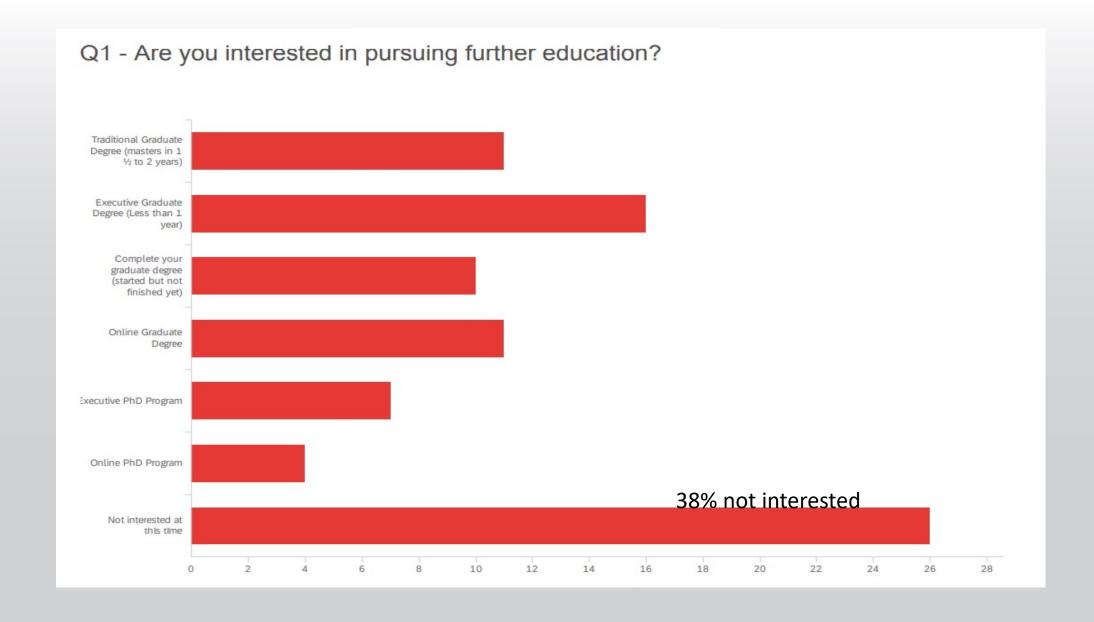




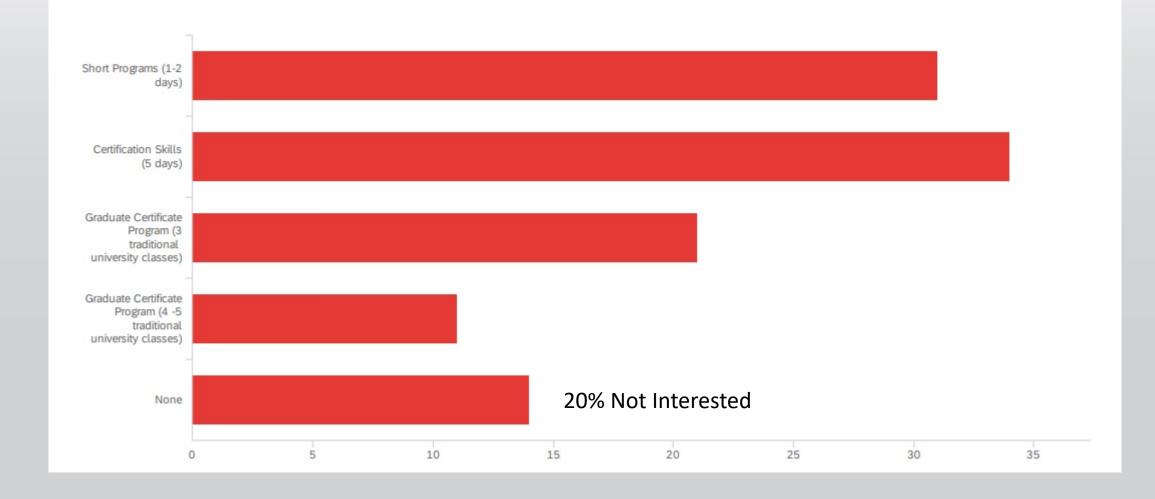




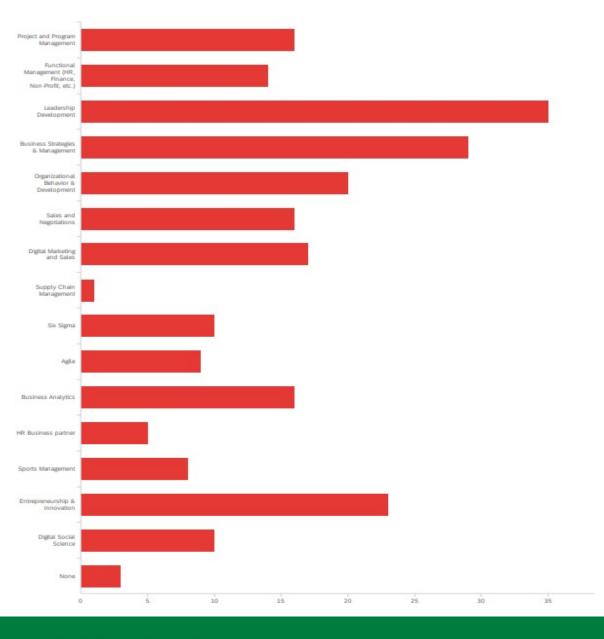




Q2 - Would you be interested in professional education to enhance your skills?

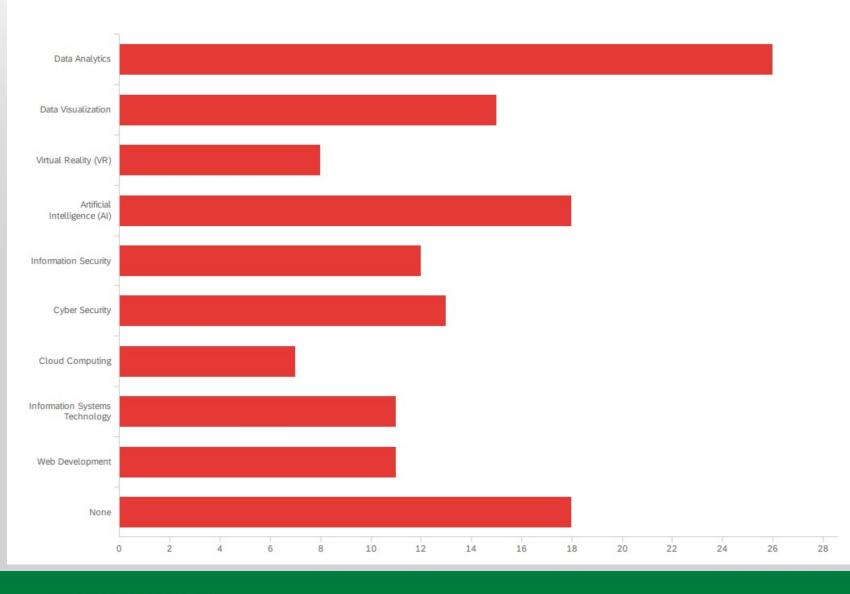


Q3 - What kind of business programs interest you most?



- 1. Leadership Development
- 2. Business Strategies
- 3. Entrepreneurship and Innovation
- 4. Organizational Behavior & Development
- 5. Digital Marketing and Sales
- 6. Project / Program Management
- 7. Business Analytics

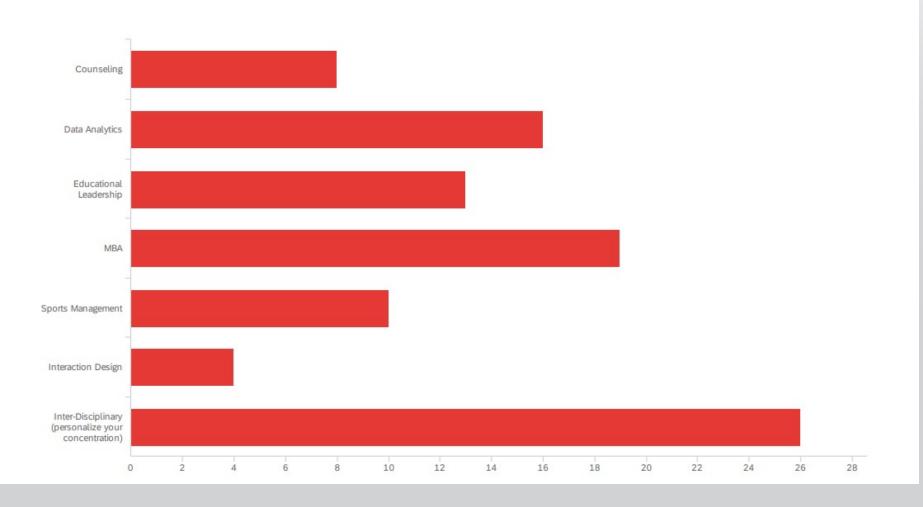
Q4 - What kind of technical program interests you most? (select all that apply)



- 1. Data Analytics
- 2. Artificial Intelligence
- 3. Data Visualization
- 4. Cyber Security
- 5. Information Security
- 6. Web Development
- 7. IS Technology
- 8. Virtual Reality

Q5 - From the following graduate programs offered at Frisco what program would interest

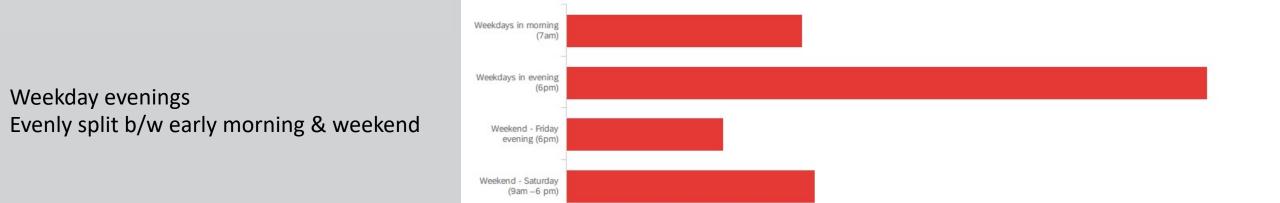
you the most?



- 1. Interdisciplinary
- 2. MBA
- 3. Data Analytics
- 4. Educational Leadership
- 5. Sports Management

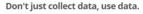


Q7 - At what time would like to take these classes?



in-person and online

Updated ADTA Frisco Webpage



Break into the in-demand field of data analytics and make yourself more valuable to employers with a M.S. in Advanced Data Analytics. As a new student in Fall of 2021, receive a tuition award of \$500 for enrolling in one class and \$1,000 for enrolling in two classes in any of the approved M.S. Data Analytics classes at Frisco.

Industries need experts who can analyze and interpret data to help them understand their risks, increase their profit and grow their business. Break into the in-demand field of data analytics and make yourself more valuable to employers with a M.S. in Advanced Data Analytics (ADTA) available at UNT at Frisco.

Combining big data, statistics and data visualization, this degree will give you a sophisticated understanding of how to use of data and quantitative techniques to help your organization improve its processes. You'll understand the science behind the data because the interdisciplinary coursework focuses on analysis, data structures and domain knowledge.



The M.S. in Advanced Data Analytics is a 30-hour degree, consisting of 7 core courses (21 hrs) and 3 electives (9 hrs).

The accelerated online option provides five start times per year: Fall Semester-August and October; Spring Semester-January and March; and Summer Semester-June, All of our core courses are offered in 8-week sessions during the and payment deadlines. fall, spring, and summer semesters. We also offer many of our courses during the summer session. For students that want the in-class experience our core courses are offered at our UNT at Frisco campus and the main campus in Denton in a hybrid format spanning the traditional 16-week semester in the fall and spring. Hybrid courses are a combination of in-class and online curriculum delivery. Regardless of the delivery format a student chooses, they will receive the same course content. By choosing the accelerated online course format, students can complete their degree in as few as 12 months.

Background

In order to be successful in the program, a background class in applied statistics. business statistics, ADTA 5100 Fundamentals of Data Analytics or an equivalent

Visit the Registrar's website for more information on course registration dates

Advanced Data Analytics ght into the Data Science world and Advanced Data Analytics

atistics while allowing us to have hand

Talk to an advisor Apply now

Concentration Areas (12 Credit Hours) These are 18 hours of core coursework that all ADTA students take . ADTA 5120 (3 hrs) Introduction to Data Analytics . ADTA 5130 (3 hrs) Data Analytics I . ADTA 5230 (3 hrs) Data Analytics II . ADTA 5240 (3 hrs) Harvesting, Storing and Retrieving Data . ADTA 5340 (3 hrs) Discovery and Learning with Big Data . ADTA 5940 (3 hrs) Analytics Capstone Experience Talk to an advisor Meet Your Graduate ADTA Program Director Counselor Denise Philpot, Ph.D., leads the Advanced Data Analytics program and will be your advisor during Jasmine Quezada, M.Ed., is here to help you your studies at UNT. Her extensive academic navigate your degree in ADTA and UNT at Frisco. background in management, human resources, From start to finish she has the tools and and technology focused on higher education knowledge to help you apply, choose the right gives her the foundation to support each Advance courses for you, and make sure you can finish on Data Analytics student through their individual your schedule. academic journey. Jasmine also can answer any questions you have EMAIL THEM AT DENISE.PHILPOT@UNT.EDU about the Tuition Award that all new students in Fall 2021 qualify for when they enroll in courses. VIEW EDIT MANAGE DISPLAY REVISIONS EMAIL THEM AT JASMINE QUEZADA@UNT.EDU **Data Analytics** sarch my zip Dallas-Fort Worth-Arlington, TX **Top Careers Job Postings Top Hiring Companies** Market Research Analysts Oracle Corporation and Marketing Specialists JPMorgan Chase & Co. Database Administrators 3822 Citigroup Inc. Web Administrators Deloitte LLP ational Business Machines Corporation (IBM)

Data source: Economic Modeling, LLC (Emsi) / www.economicmodeling.com





Talk to an advisor

ADTA Flyer For Frisco and Denton



MS ADVANCED DATA ANALYTICS (STEM - 3vrs OPT)

CAREER POSSIBILITIES

Data Scientist | Business Intelligence Architect | Business Analyst | Business Process Analyst | Data Warehousing Architect | BI Competency Center (BICC) Professional | Data/Information Architect | Business Intelligence Developer | Predictive Modeler | Predictive Analytics Architect | Data Mining Analyst | Data Analyst | Social Media Analyst | Social Media Analyst | Customer Analytics Modeler

As a new student in Fall of 2021, receive a tuition award of \$500 for enrolling in one class and \$1,000 for enrolling in two classes in any of the approved M.S. Advanced Data Analytics classes at Frisco



COURSE REQUIREMENTS

Total 30hours master's degree 18 hours Foundation (Core) and 12hours Electives Total 10 courses (6 Core + 4 Electives)

FOUNDATION COURSES

ADTA 5120 (3 hrs) Introduction to Data Analytics ADTA 5130 (3 hrs) Data Analytics I ADTA 5230 (3 hrs) Data Analytics II ADTA 5240 (3 hrs) Harvesting, Storing and Retrieving Data Health Data Analytics (Online) ADTA 5340 (3 hrs) Discovery and Learning with Big Data ADTA 5940 (3 hrs) Analytics Capstone Experience

Talk to Advisor - Jasmine Quezada | email - jasmine.quezada@unt.edu | Call - 940-565-2383 Asst. Clinical Professor, Director Graduate & Professional Studies - Mr Zain Ali | email - zain.ali@unt.edu

RECOMMENDED BACKGROUND

Calculas, Statistics

ELECTIVE COURSES

Sports Statistics Digital Retailing (Online) Management (Online)

UNIT ₹ UNIVERSITY of NORTH TEXAS, FRISCO FRISCO TOULOUSE GRADUATE SCHOOL

MS ADVANCED DATA ANALYTICS (STEM - 3vrs OPT)

CAREER POSSIBILITIES

Data Scientist | Business Intelligence Architect | Business Analyst | Business Process Analyst | Data Warehousing Architect | BI Competency Center (BICC) Professional | Data/Information Architect | Business Intelligence Developer | Predictive Modeler | Predictive Analytics Architect | Data Mining Analyst | Data Analyst | Social Media Analyst | Social Media Analyst | Customer Analytics Modeler

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MS ADVANCED DATA ANALYTICS (STEM)

FOUNDATION COURSES (18 HOURS)

COURSE NAME Introduction to Data Analytics ADTA 5130 (3 hrs) Data Analytics I ADTA 5230 (3 hrs) Data Analytics II

ADTA 5240 (3 hrs) Harvesting, Storing and Retrieving Data ADTA 5340 (3 hrs) Discovery and Learning with Big Data ADTA 5940 (3 hrs) Analytics Capstone Experience

ELECTIVE COURSES (12 HOURS)

GENERAL FOCUS

Large Data Visualization ADTA 5550 (3 hrs) Deep Learning with Big Data

ADTA 5560 (3 hrs) Recurrent Neural Networks for Sequence Data

Select one elective from any of the tracks below

MGMT 5490 (3 hrs) Consulting for the Sport Entertainment Industry MGMT 5401 (3 hrs) Talent Management in the Sport Entertainment Industry MKTG 5261 (3 hrs) Corporate Partnerships in the Sport Entertainment Industry RESM 5520 (3 hrs) Strategic Marketing for Sports and Event Organizations

RESM 5530 (3 hrs) Sport Law and Risk Managemen RESM 5600 (3 hrs) Sport in the Global Marketplace

BIOL 5130 (3 hrs) Riostatistics I MATH 5810 (3 hrs) Probability and Statistics Choose any two from below

BIOL 5140 (3 hrs) Biostatistics II BIOL 5810 (3hrs) BIOL 5820 (3 hrs) Computational Epidemiology

MATH 5700 (3 hrs) Contemporary Mathematics Probability and Statistics

DIGITAL RETAILING

MDSE 5240 (3 hrs) MDSE 5710 (3 hrs) Digital Optimization MDSE 5750 (3 hrs) Digital Retailing Choose any two from below options

CMHT 5440 (3 hrs) Consumer Theory CMHT 5600 (3 hrs) Managing Customer Experiences

HEALTH DATA

HLSV 5300 (3 hrs) Information Systems for Healthcare Management HLSV 5450 (3 hrs) Health Services Administration HLSV 5740 (3 hrs) Financial Issues in Health Services Administration HLSV 5820 (3 hrs) Marketing Health Services

MANAGEMENT

MGMT 5140 (3 hrs) Organizational Behavior and Analysis MGMT 5760 (3 hrs) Strategic Management MGMT 5870 (3 hrs) Leadership Research and Development

Choose any two from below options

MGMT 5120 (3 hrs) Managing Organizational Design and Change MGMT 5300 (3 hrs)





Updated INSD Web page

Get broad training for career development.

UNT at Frisco master's program in Interdisciplinary Studies invites you to explore degrees which integrate experience, research and training from multiple paths.

UNT at Frisco has a range of academic paths for graduate students to choose; However, if you are looking for an academic program that blends multiple disciplines and fits your career path, a master's degree in Interdisciplinary Studies may be the right choice for you.

The program prepares you to examine and solve complex problems as you draw on knowledge and skills from more than one academic field. You will learn to sift through information and produce a body of work that synthesizes multiple perspectives, arriving at a more comprehensive understanding of the important issues.

Come hone your skills and be industry ready with broad training & advanced research!



Connection falled

Meet Your Graduate Counselor

Jasmine Quezada, M.Ed., is here to help you navigate your degree in INSD and UNT at Frisco. From start to finish she has the tools and knowledge to help you apply, choose the right courses for you, and make sure you can finish on your schedule.

Jasmine also can answer any questions you have about the Tuition Award that all new students in Fall 2021 qualify for when they enroll in courses.

EMAIL THEM AT JASMINE, QUEZADA@UNT.EDU



INSD Program Director

Billy C Roessler, Ph.D. leads the Interdisciplinary Studies program and will be your advisor during your studies at UNT. His extensive academic background in mathematical sciences and research focused on Interdisciplinary studies gives him the foundation to support each INSO student through their individual academic journey.

EMAIL THEM AT BILLY.ROESSLER@UNT.EDU



Progarm Structure

The Interdisciplinary Studies program offers you a high degree of flexibility in designing a program of study that cuts across disciplinary boundaries. Applicants to the master's program can adopt one of the two approaches—

A Self-styled plan: can be designed with existing courses from almost any graduate area of the university to address a particular intellectual interest not met by any specific degree program available.

OR

A Recognized concentration: provides plans that are built around predefined interdisciplinary themes and may offer you more initial structure regarding the coursework.

Program Requirements

- . Primary concentration (12 to 18 hours) No more than 18 hours (including thesis and special problems courses) may be taken under any one course prefix or subject field.
- Second concentration (Two additional disciplines) You will choose two separate fields of study with at least 6 hours of credit in each field.
- . Third concentration 6 hours of Interdisciplinary Courses (INSD 5110 & INSD 5940)
- · You must successfully complete the INSD capstone course to complete the INSD degree.
- · A total of 30 graduate credit hours are required for graduation.

APPLIED DATA SCIENCE SOCIAL SCIENCES APPLIED ANALYTICS HEALTH DATA ANALYTICS SELF-STYLED

he applied data science concentration are listed below. The remaining 15 hours are distributed across two fields. Students work with an advisor to identify appropri

The courses required for the applied data science concentration are listed below. The remaining 15 hours are distributed across two fields. Students work with an advisor to identify appropriate and relevant supporting fields.

- ADTA 5120 (3 hrs) Introduction to Data Analytics
- ADTA 5130 (3 hrs) Data Analytics 1
- ADTA 5230 (3 hrs) Data Analytics 2
- ADTA 5250 (3 hrs) Large Data Visualization
- INSD 5940 Interdisciplinary Capstone Experience





Credits for Prior Learning Assessment (PLA)

Universities provide credit for masters based on the following terms.

- 1. Industrial certificates and professional courses
- 2. Workplace learning
- 3. Vocational and technical training
- 4. By exam (CFA,CMA,CFP, CIMA)
- 5. Military education and training



S.No	Universities	Certificates
1	Southern New Hampshire University	CDIP, CFE, Six Sigma Black, CompTIA, SHRM-CP, RHIA,PHR,
2	Central Michigan University	CMP, GPMC, PgMP, PMP, CAPM, CFRA, CPLP, SHRM-CP, PHR
3	Texas State University	Up to 6 hours of credit for programs with 30 to 36 hours of credit
4	Middle Tennessee State University	Department approval
5	Purdue University Global	PMP, MTA, CompTIA Security+, CASP, CySA+, (ISC)2, Oracle
6	University of Maryland Global	PMP (4xx level)





Graduate Recruiting Activities

- 1. Chambers of Commerce
- 2. Corporations
 - nThrive Technology
 - nThrive operations
 - USAA
 - Bank of America
- 3. College of Information International Students
- 4. Targeted International Students

1. MS INSD - Program Leadership

LTEC Graduate Certificate – Min of 4

- 1. Project Management (LTEC 5660)
- 2. Advanced Project Mgmt. (LTEC 5900)
- 3. Technology Entrepreneurship (LTEC 5650)
- 4. Organizational Development & Technology Change (LTEC 5640)
- 5. Distributed Leadership (LTEC 5670)

INSD Mandatory Classes & Frisco Options

- Required (2 classes): INSD 5110 & INSD 5940 (Capstone)
- ATDA Data Analytics Concentration: Intro to Data (5120), Harvesting Data (5240), Big Data (5340) and Data Visualization (5250)
- INSD Social Sciences: Digital Social Science (5200), Information Theory (5210), Digital Research Methods (5220)
- Open Electives (Graduate level class in consultation with advisor)

Note: LTEC 5660 and 5900 could lead to PMI – PMP & PgMP Certificates.



2. PhD - Interdisciplinary

Program Details Conceptually

- 1. Total of Master & PhD (72 hours)
- 2. 42 hours of PhD classes
- 3. Accept graduate credit transfer courses
- 4. Common shared CORE classes and then college track
- 5. Holistic review to determine if std test is required based on experience & GPA

Interdisciplinary Partners

- Data Analytics
- Geography
- Economics
- INSD



3. Stackable Micro Credentials (conceptual)

Rebranding of existing programs

- 1. Project Management (LTEC 5660)
- 2. Advanced Project Mgmt. (LTEC 5900)
- 3. Technology Entrepreneurship (LTEC 5650)
- 4. Organizational Development & Technology Change (LTEC 5640)
- 5. Distributed Leadership (LTEC 5670)
- 6. Intro to Data (ADTA 5120)
- 7. Harvesting Data (ADTA 5240)
- 8. Big Data (ADTA 5340)
- 9. Data Visualization (ADTA 5250)

Offering with existing UNT or new classes

- 1. Sales (Prospecting / Consultative Selling)
- 2. Digital Marketing
- 3. Six Sigma
- 4. Agile (PMI ACP)
- 5. Dev Ops (AWS)
- 6. Security
- 7. Risk Management (PMI RMP)

Note: LTEC 5660 and 5900 tied to PMI – PMP & PgMP Certificates and build (Risk Management) & ACP (Agile) classes Professionals could stack 8 classes with min of 3 similar classes plus take INSD 5110 and 5940 to get a MS INSD degree



Appendix





Credits for Prior Learning Assessment

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3	Texas State University	
4	Middle Tennessee State University	Department approval
5	Purdue University Global	PMP, MTA, CompTIA Security+, CASP, CySA+, (ISC)2, Oracle
6	University of Maryland Global	PMP (4xx level)





Southern New Hampshire University



Industrial Certificates

- Certified Documentation Improvement Practitioner (CDIP) HIM-600 (Managing Compliance)
- Certified Fraud Examiner (CFE) ACC-646 (Introduction to Forensic Accounting/Fraud Examination)
- Six Sigma Black Belt Certification QSO-625 (Six Sigma for Black Belt Certification)- Need minimum score of 540
- Many other certificates of (5xx) and (6xx) level

CCM, CDIP, CFE, CHDA, CPSM, CSCP, Level 1 CFA, PHR, RHIA, SHRM-CP

IT Certificates

MITx Certificates, Thinkful Certificates,





Central Michigan University



Certification-to-Credit Program

- Credits will be applied to student's degree after you complete 6 credits (2 courses) of your program at CMU with a 3.0 or higher GPA.
- There is no cost for the credits you are awarded in the Certification-to-Credit Program.
- Certifications will come in as transfer credit; therefore, they may or may not transfer to another institution.
- Many Certificates CAPM, CFRA, CGFM, CPP, CISSP, CLTD, CMPE, CPRP, CPRA, CPIM, CPLP, CPM, CRA, CSCP, CFA, FACMPE, GPMC, CMC, MMC, PHR, PgMP, PMP, RHIT, SPHR, SHRM-CP, SHRM-SCP.

These certificates can be applied toward the Master of Science in Administration degree with a concentration in General Administration*, Leadership*, or **Project Management***.

- Certified Professional in Management.(CPM) 6 Credits
- Google Project Management Certificate (GPMC) 6 Credits
- Program Management Professional (PgMP) 9 Credits
- Project Management Professional (PMP) 9 Credits





Texas State University

Prior Learning Assessment

Prior Learning Assessment (PLA) is the process for awarding course credit for specific knowledge and skills the student has acquired outside of an institution of higher education, prior to beginning the student's program of study at Texas State University. PLA must always be tied to official student learning outcomes of a specific course at Texas State and that course requirement is then waived for the student.

There are a limited number of credits that can be waived through PLA, which depend on the number of credits in the degree program. Approved PLA credit may be applied to a graduate degree program as follows:

- up to 6 hours for degree programs with 30-35 credit hours,
- up to 9 hours for degree programs with 36-41 credit hours, and
- up to 12 hours for degree programs with 42+ hours.

(Note that the total approved PLA credit and approved course transfer credit together must not exceed those amounts.)

PLA is program-specific, not all programs have approved PLA processes, and requirements may differ from program to program. If a program allows PLA credit, specific requirements are described on the overview section of that program's catalog entry.









Middle Tennessee State University



PLA will be provided to the student after department approval, and it differs from program to program.

Master of Professional Studies

The MPS is an interdisciplinary graduate degree program designed for working professionals who wish to earn a graduate degree in their area of expertise and excel in their careers. Concentrations include Human Resources Leadership, Strategic Leadership, and Training & Development.





Purdue University Global Campus



- Students can earn credit for the following IT certifications / examinations if they were completed within the past 3 years.
- Industry Certificate Project Management Institute: PMP (Project Management Professional)
- Many other Certificates MTA, CompTIA Security+, CASP, CySA+, (ISC)², ISC2 SSCP, ISACA CISM (Certified Information Systems Manager), ISACA CompTIA Project+, Axelos Prince2 (2-part process),
 CEH, CHFI, GCHI, GIAC, Oracle.





University of Maryland Global Campus



This university provides credits for all five terms.

Industrial certificates that are equivalent to credits in masters, also the certificates must be active to be eligible to transfer.

- Industry Certificate Project Management Professional (PMP)
- Course equivalent Information System Project Management
- 3 Credits, IFSM 438



