



ALVAREZ
College of Business
The University of Texas at San Antonio

Master of Science in Data Analytics

MASTER'S PROGRAM

Learn the latest tools, techniques and applications used to transform data into meaningful information with a Master of Science in Data Analytics (MSDA) degree. Earn your master's degree from a top-ranked business school.



35%
Average
Salary
Increase

PROGRAM AT A GLANCE



Located at UTSA's
Downtown Campus



Top 100 Research
Business School
(UT Dallas Research
Rankings 2015-19)



12-Month Daytime
or 21-Month Evening
Program Cohorts



40-60 Cohort Size



3 Credit Hours of
Externally-Focused
Practicum



\$18,500 Program Cost for
Daytime Program
(2022-23 Fee Schedule)

STUDENT PROFILE



40%

60%



31

Average Age

5.3

Average Years of
Work Experience

52%

Underrepresented
Populations

Prior Undergraduate Degrees

- Business
- Computer Science
- Engineering
- Liberal Arts
- Mathematics
- and more

<https://future.utsa.edu/programs/master/data-analytics>

Calendar and Curriculum



Attend Info Session

- Review admission requirements
- Ask program questions
- Go over application process

Apply for Financial Aid

Contact the One Stop Enrollment Center for more information:
<https://onestop.utsa.edu/contact>

DAYTIME COHORT SEQUENCE

Fall Semester - 13 Credit Hours

First Eight Weeks: Classes Monday – Thursday before 5 p.m.

- DA 6223 - Data Analytics Tools and Techniques [SAS]
- DA 6233 - Data Analytics Visualization and Communication [R]
- IS 6713 - Data Foundations [Python]
- STA 6443 - Statistical Modeling [R]

Second Eight Weeks: Practicum I (1 semester credit hour)*

Spring Semester - 14 Credit Hours

First Eight Weeks: Classes Monday – Thursday before 5 p.m.

- STA 6543 - Predictive Modeling [R]
- DA 6213 - Data-Driven Decision Making and Design [SAS]
- DA 6813 - Data Analytics Applications [R]
- IS 6733 - Deep Learning on Cloud Platforms [Python]

Second Eight Weeks: Practicum I (2 semester credit hours)*

Summer Semester - 3 Credit Hours

Ten Weeks: Practicum II (3 semester credit hours)

CRITICAL TECHNOLOGY STUDIES PROGRAM

MSDA majors can elect to pursue the Critical Technology Studies Program (CTSP) to receive specialized training regarding the intelligence community in the national security field.

- Complete three national security courses
- Engage in a hands-on practicum with UTSA's government and industry partners working in the national security sector

* Courses are not required for CTSP track, visit business.utsa.edu/ctsp for more information and degree plans

Application Process

- Complete the online application:
<https://future.utsa.edu/apply/>
- Resume or CV
- Letters of recommendation
- Statement of purpose
- Test scores if applicable (GMAT/GRE/TOEFL)
- Transcripts

Orientation and Registration

- Speak with your graduate advisor
- Look for orientation information
- Register for classes in the Automated Student Access Program (ASAP)

EVENING COHORT SEQUENCE

First Fall Semester - 6 Credit Hours

Sixteen Weeks: Classes Tuesday/Thursday 6 p.m.

- DA 6233 - Data Analytics Visualization and Communication [R]
- STA 6443 - Statistical Modeling [R]

First Spring Semester - 7 Credit Hours

First Eight Weeks: Classes Tuesday/Thursday 6 p.m.

- DA 6223 - Data Analytics Tools and Techniques [SAS]
- IS 6713 - Data Foundations [Python]

Second Eight Weeks: Practicum I (1 semester credit hour)*

Summer Semester - 5 Credit Hours

Ten Weeks: Final practicum

- STA 6543 - Predictive Modeling [R]
- Practicum I (2 semester credit hours)*

Second Fall Semester - 6 Credit Hours

Sixteen Weeks: Classes Tuesday/Thursday 6 p.m.

- DA 6813 - Data Analytics Applications [R]
- IS 6733 - Deep Learning on Cloud Platforms [Python]

Second Spring Semester - 6 Credit Hours

Sixteen Weeks: Classes Tuesday/Thursday 6 p.m.

- DA 6213 - Data-Driven Decision Making and Design [SAS]
- Practicum II (3 semester credit hours)

Graduation



Intelligence Community
**Centers for
Academic
Excellence**

Diversity. Knowledge. Excellence.

Graduate Student Success

The Master of Science in Data Analytics program provides customized academic and professional development to help you thrive both inside and out of the classroom and launch the next step in your career.

Student Success Center

As part of UTSA's Academic Success District, the Alvarez Student Success Center offers tutoring, professional development workshops, experiential learning programs, leadership programs and career services for graduate business students.

Each semester you will be invited to attend industry panels, guest speaking events, conference-style sessions and career preparation workshops. Attend these events and workshops for valuable insight into your skill development, career prospects and networking.



“The (conference) workshops I attended were **empowering**. They emphasized the importance of building a positive personal brand and the importance of being proud of your heritage and of being part of the Latinx community.”

- Prospanica Conference Attendee, 2020

Experiential Learning Opportunities

We offer high-impact experiential learning opportunities focused around four pillars of engagement.

Global and Intercultural Fluency

Build an inclusive mindset and practice interacting with people from different generations, countries or regions. Programming includes

- Domestic and International Immersion Programs
- Study Abroad

Professional Development and Leadership

Obtain the skills necessary to secure internships, full-time employment and excel in your future professional career through workshops offered days, evenings and weekends.

- Job search tips and tools
- Leadership skills and development
- Professional branding
- Resume development and customization
- Interviewing
- Offer negotiation
- Online resources such as **JobScan** and **VMock** are available on-demand

Research and Innovation

Engage in our research-focused learning pathway or engage in projects that focus on applying research in a business context.

- Graduate Research Assistant Positions
- Pre-Ph.D. Pathway

Service and Community Learning

Give back to the community and put your problem-solving, decision-making and collaboration skills to good use.

- Alvarez Service Day
- Experiential Learning Fund

Building Employer Connections

Whether you are looking to expand your network or find a new position, exclusive networking events and information sessions provide the opportunity to make connections with local and national corporate partners.

Employers Who Recruit Our Graduates

- American Express
- Booz Allen Hamilton
- Caesar's Casino Las Vegas
- Chicago Fire Football Club
- GM Financial
- Harland Clarke
- H-E-B
- IBM
- Rackspace
- San Antonio Spurs
- University Health Systems
- USAA
- U.S. Intelligence Community
- and more

Apply Now

UTSA provides a streamlined application process, and our admissions counselors are ready to provide you with a range of services and materials.

Application Process

1. Start an online application (<https://future.utsa.edu/apply/>)
2. Submit all required documents:
 - Current resume
 - Letters of reference
 - Statement of academic and personal goals (1-2 pages)
 - GMAT/GRE scores
 - Transcripts
3. Pay application fee
4. Submit application

VIP Admission

The VIP Graduate Admissions Program was established to retain talented UTSA undergraduate students and alumni in pursuit of their graduate education.

Both domestic and international students who have completed a minimum of 90 semester credit hours can qualify. As a benefit, selected VIP candidates are fast-tracked through the graduate admissions process to include an abbreviated application. **All GMAT/GRE test scores and supplemental documentation for the graduate application are waived** including statement of purpose, letters of recommendation and resume/CV.

Dates and Deadlines

Fall Term

- Priority: April 1
- International: June 1
- Domestic: July 15

Program Advisor

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About UTSA

The University of Texas at San Antonio is a Tier One research university and a Hispanic Serving Institution specializing in cyber, health, fundamental futures and social-economic transformation. With more than 34,000 students, it is the largest university in the San Antonio metropolitan region. UTSA advances knowledge through research and discovery, teaching and learning, community engagement and public service. The university embraces multicultural traditions and serves as a center for intellectual and creative resources as well as a catalyst for socioeconomic development and the commercialization of intellectual property—for Texas, the nation and the world.

UTSA CAMPUS TOURS

Contact the Welcome Center at 210-458-5145 to ask about tours of our Downtown Campus.



The UTSA Carlos Alvarez College of Business is accredited by AACSB International, the Association to Advance Collegiate Schools of Business, placing us in the top 5% of business schools nationwide.

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