Tec-University of Texas at San Antonio plan Master’s in Cybersecurity

Delegations from both universities also held thematic meetings to explore or enhance their collaboration.

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Alejandro Salazar

With the aim of creating generations of competitive students in the understanding of cybersecurity from a **global perspective**, Tec de Monterrey and The University of Texas at San Antonio (UTSA) will collaborate to offer a dual-degree program in this field.

On September 29, directors from both institutions signed an agreement between the Tec’s **School of Engineering and Sciences** and UTSA’s Alvarez College of Business with international validity.

The leaders explained that students will be able to take courses designed to obtain a **Master of Science in Information Technology** – **Cybersecurity** concentration from UTSA along with a **Master’s in Cybersecurity** from the Tec.

Alongside this agreement, Tecmilenio and Alamo Colleges District also signed a collaboration agreement between both parties for a nursing education program abroad.

Delegations from both Mexican universities and UTSA also held meetings to explore or **enhance collaboration** on topics of data science, cybersecurity, quantum computing, health and biology, advanced materials, and economic development.

Tec de Monterrey and UTSA sign joint education strategy

David Garza, Rector and Executive President of Tec de Monterrey, and Taylor Eighmy, President of UTSA, did not only meet to sign for a **joint program** but for a continued future as educational partners.

"I'd say that this is a story that has been gradually built over a long period of time. ***Today, we're adding one more brick****,"* said Garza.

According to both leaders, the creation of the new program has been the product of a close relationship between both universities and both cities, highlighting how they share the **same vision for the future of education.**

"We've realized that ***Tec de Monterrey is the best equipped university in Mexico*** *for having a complete strategic alliance and for creating these types of educational projects,"* said Taylor Eighmy, President of UTSA.

"Monterrey and San Antonio are great examples of great sister cities*. And great cities need great universities,"* he stressed.

As the leaders explain, the common ecosystem that paves the way for this agreement has been founded upon four main pillars: **research, education, workforce, and economy.**

"Our goal with this dual program is to secure the future*, and we'll achieve this thanks to the advances of this strategic collaboration and by taking advantage*

of our areas of strength in the field of technology, such as data science, cybersecurity, and AI," stressed Garza.

> **"I'd say that this is a story that has been gradually built over a long period of time. Today, we're adding one more brick." - David Garza**

Learn more about the cybersecurity program and the future of this alliance

The directors agreed that the alliance between both educational institutions combines their models in the area of **data science with an approach** that highlights the creation of highly qualified experts with social responsibility and economic awareness.

*"Our aim is for students to **develop unique cybersecurity expertise** through immersive experiences that help them learn about cybersecurity from a global perspective,"* highlighted the UTSA team.

For this process, students will have the **opportunity to begin the program** from their home university, either the Tec or UTSA, and then complete their courses at the sister institution.

*"One of the highlights of the program is the **incorporation of cutting-edge research projects** mentored by experts on the subject from Tec de Monterrey and UTSA faculty,"* shared the Tec team.

Tec de Monterrey offers courses such as Functional Structure of Cybersecurity in Organizations, Cybersecurity Operations, Innovation and Leadership in Cybersecurity Management, and Innovation in Cybersecurity Technologies.

Per the program, students must take **14 subjects** equivalent to 42 semester credits or units, with the admission requirement that all interested students have to apply

to and be accepted by both universities.

In a first meeting to talk about the **future of this alliance**, representatives from both institutions highlighted the importance of incorporating faculty, local businesses, and researchers in transdisciplinary collaborations capable of creating and uniting a community.

Tecmilenio and Alamo Colleges District collaborate to send nurses to the US

Tecmilenio signed an agreement with **Alamo Colleges District** with the aim of providing a development program for students in the field of healthcare, nursing in particular.

The education program will **train bilingual nurses** working in Mexico and Latin America to accelerate the upskilling of healthcare workers, offering professional mobility across countries.

Bruno Zepeda, Rector of Tecmilenio, expressed his happiness about this bilateral alliance, emphasizing how students can benefit as healthcare professionals in an international environment, while impacting the community they have joined.

*"We're looking to **expand our mission and find experienced nurses** who can speak English and also be a vibrant part of the community,"* Zepeda explained.

For **Alamo Colleges District**, one of its top priorities was finding an international partner that aligned with its vision of creating students of excellence while empowering diverse communities.

*"It's all about access and innovation, about how we can look at a **problem in the communit**y and be able to address it together."* said the Alamo Colleges District team.

More about the Texan university

The University of Texas at San Antonio (UTSA) focuses on student success and research excellence.

UTSA has set up four "**transdisciplinary**" **consortiums** and institutes that reflect its priority niches so that they can be of international importance, these being:

- Artificial intelligence and information technology
- Cybersecurity and energy
- Public health
- Health sciences

UTSA is also executing a 2018-28 strategic plan based on three pillars: applied research; innovation excellence; and social mobility and inclusion.

The university includes the **National Security Collaboration Center**, the School of Data Science, and the Cybersecurity Manufacturing Innovation Institute.

UTSA and the Tec's relationship dates back to the beginning of 2007. Tec professors and students are currently working in the UTSA Core Labs this year.

Similarly, there is an active two-way **undergraduate student exchange.**

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