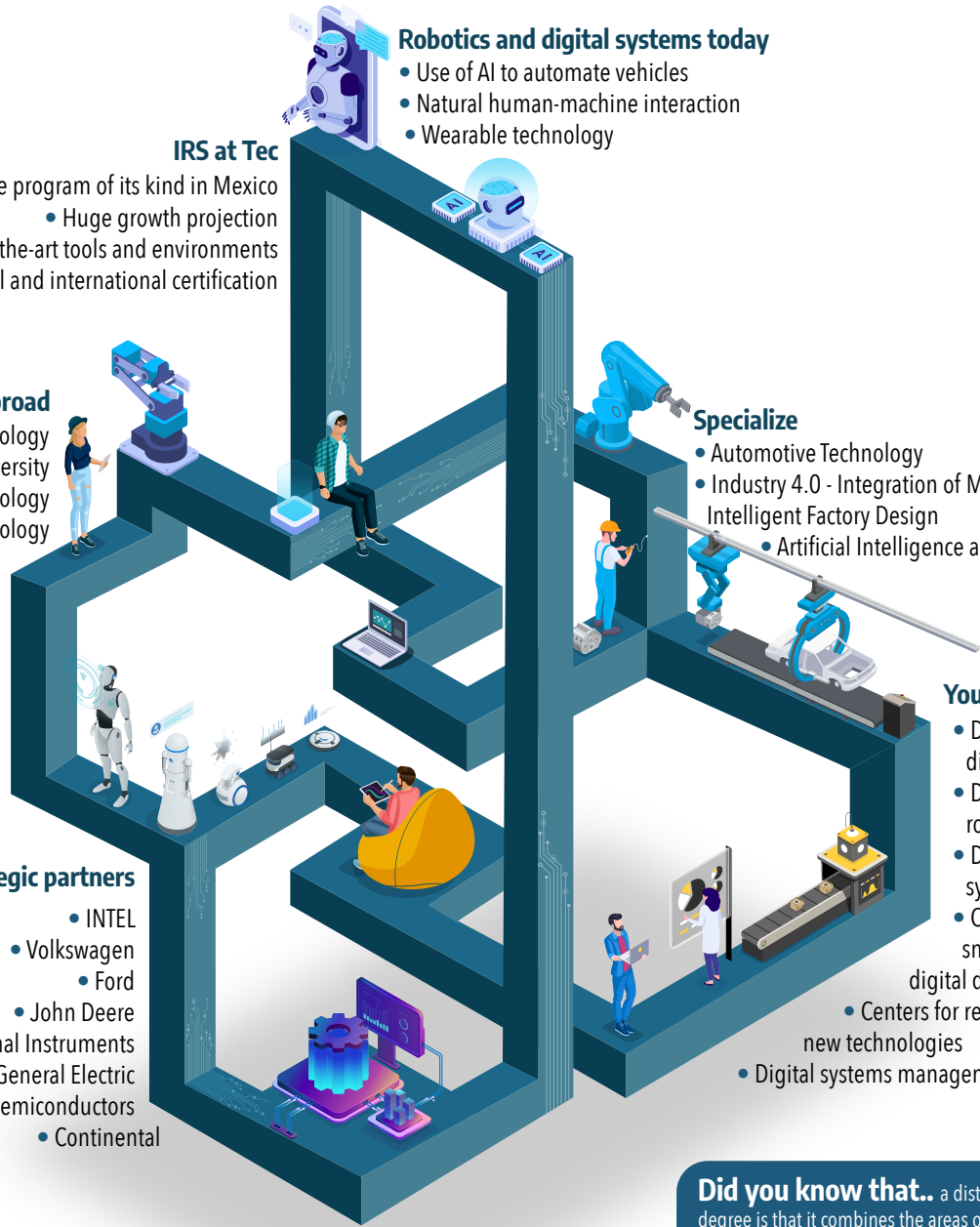
Tecnológico de Monterrey

B.S. IN ROBOTICS AND DIGITAL SYSTEMS IRS

ENGINEERING
Computer Studies and Information Technologies



Robotics and digital systems today

- Use of AI to automate vehicles
- Natural human-machine interaction
- Wearable technology

IRS at Tec

- Only degree program of its kind in Mexico
- Huge growth projection
- State-of-the-art tools and environments
- National and international certification

Study abroad

- Tampere University of Technology
- Carnegie Mellon University
- Chalmers University of Technology
- Shibaura Institute of Technology
- Technical University of Munich (TUM)
- University of Texas at Austin
- Institut Supérieur d'Électronique de Paris
- Southampton University
- University of California at Berkeley
- University of Toronto

Specialize

- Automotive Technology
- Industry 4.0 - Integration of Manufacturing and IT into Intelligent Factory Design
- Artificial Intelligence and Data Science

Your future

- Design and construction of digital systems
- Development of intelligent robot components
- Development of embedded systems for specific functions
- Creation of interfaces for smart interaction between digital devices
- Centers for research and development in new technologies
- Digital systems management and/or consulting

Strategic partners

- INTEL
- Volkswagen
- Ford
- John Deere
- National Instruments
- General Electric
- NXP Semiconductors
- Continental

Did you know that.. a distinguishing feature of the IRS degree is that it combines the areas of electrical/electronic engineering with computer science, providing graduates with the skills to build devices, components and smart environments?