



UNDERGRADUATE RESEARCH PROGRAM



Tecnológico
de Monterrey

**#STUDY
INMEXICO**



TECNOLÓGICO DE MONTERREY OFFERS UNDERGRADUATE STUDENTS THE POSSIBILITY TO DEVELOP THEIR RESEARCH SKILLS BY PARTICIPATING ON PROJECTS AT ANY OF OUR RESEARCH CENTERS.

STUDENTS WILL OBTAIN VALUABLE EXPERIENCE WHILE BEING ADVISED BY SPECIALISTS IN ANY OF OUR MANY RESEARCH GROUPS.

INNOVATION CENTER FOR TECHNOLOGY AND DESIGN

The center focuses on training researchers and specialized consultants involved in identifying and answering questions arising out of product design and engineering globalization, intelligent and reconfigurable manufacturing processes, and logistics systems.



FEMSA BIOTECHNOLOGY CENTER

Research in the FEMSA Biotechnology Center moves around three main areas: bioprocess engineering, synthetic biology and food and pharmaceutical biotechnology.



RESEARCH CENTERS

WATER CENTER FOR LATIN AMERICA AND THE CARIBBEAN

The center conducts research and provides consulting for the purpose of generating and disseminating knowledge and providing education regarding the sustainable management and use of water resources in Latin America and the Caribbean.

RESEARCH CENTERS



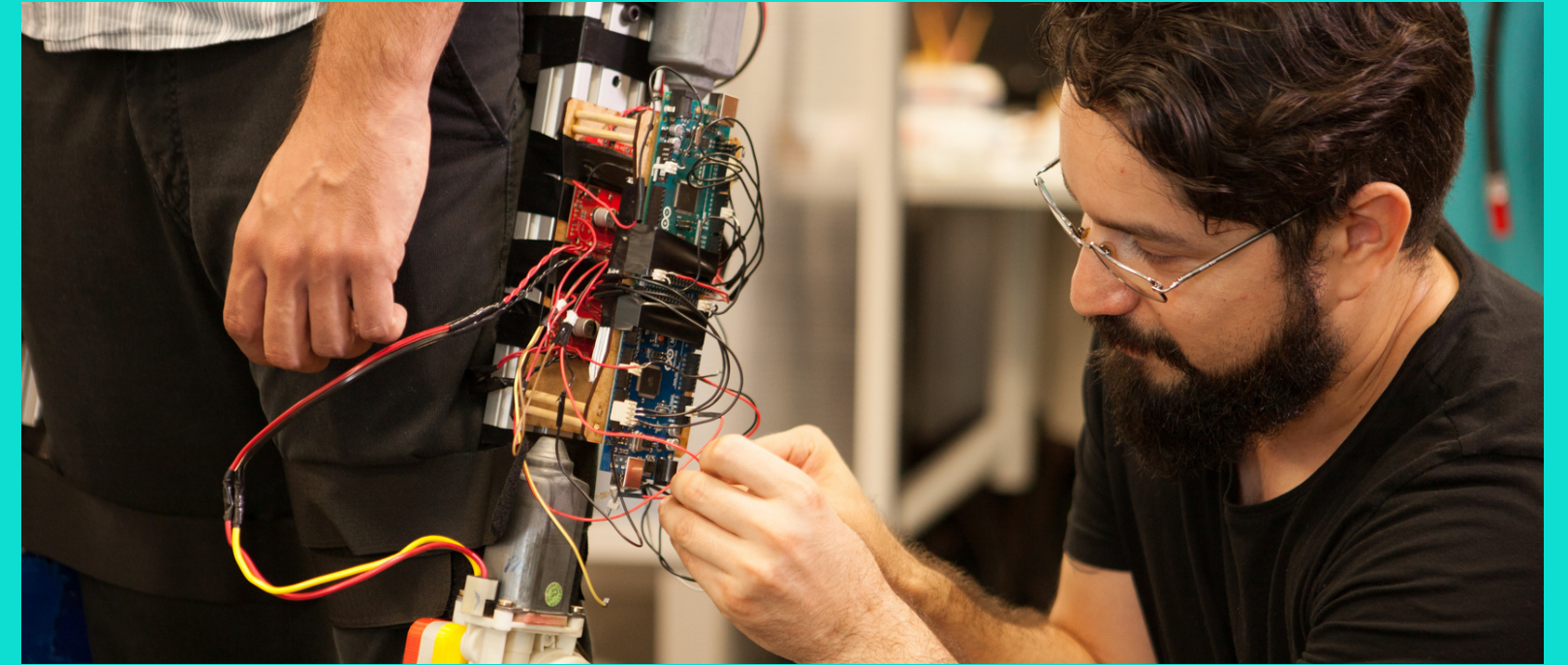
CENTER FOR INNOVATION AND TRANSFER IN HEALTH

The center specializes in health research, innovation, and transfer. Its main lines of research include cardiology, cell therapy, hematology and cancer, ophthalmology, nutrition, and health system administration.



MECHATRONICS AND ENGINEERING

- Automotive Consortium for Cyberphysical Systems
- Product Innovation
- Advanced Manufacturing
- Nano-sensors and Devices
- Nanomaterials
- Nanotechnology for Devices Design
- Optimization and Data Science
- Robotics



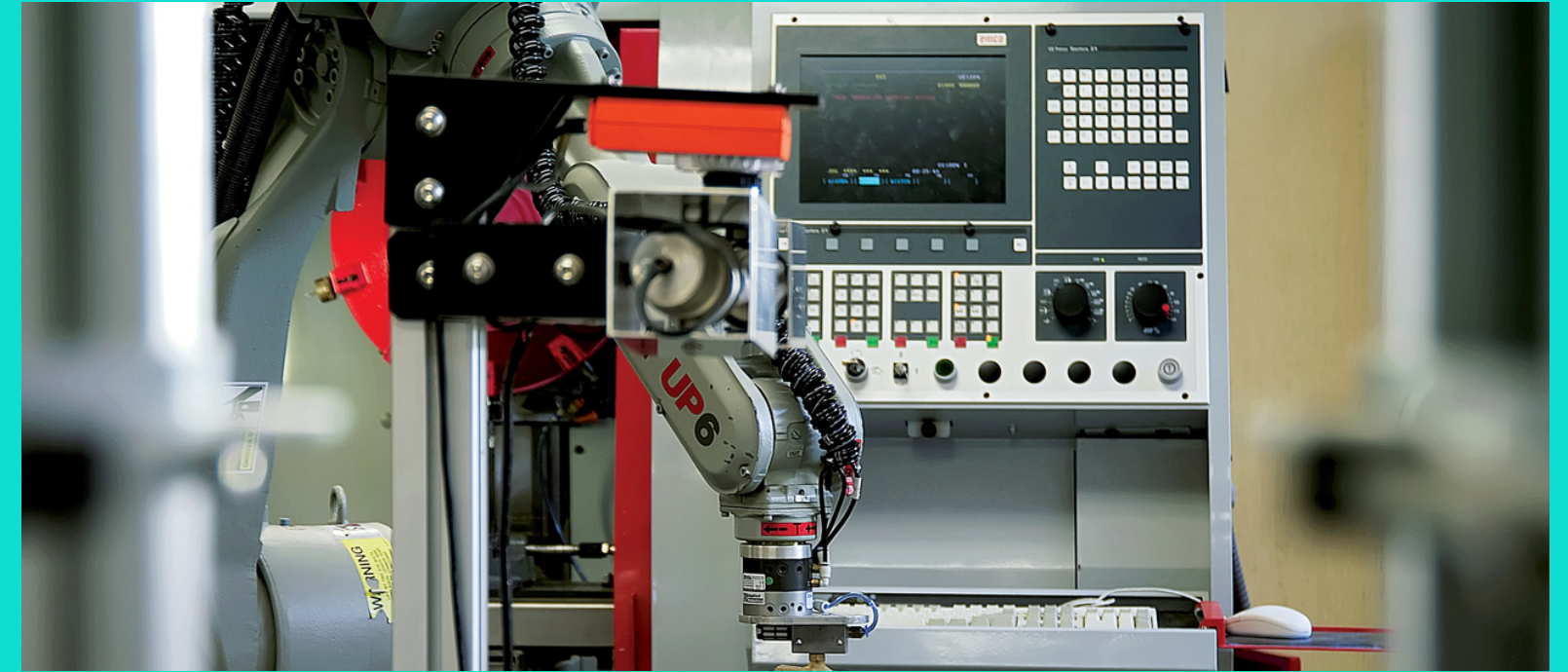
BIOTECHNOLOGY

- Bioprocesses
- Biomedical Engineering
- Nutriomics and Emerging Technologies
- Traslacional Omics

STRATEGIC RESEARCH GROUPS

INFORMATION TECHNOLOGIES, ELECTRONICS AND COMMUNICATIONS

- Photonics and Quantum Systems
- Machine Learning
- Intelligent Systems
- Telecommunications for the Digital Transformation



SUSTAINABLE DEVELOPMENT

- Water Science and Technology
- Energy and Climate Change

ARCHITECTURE, ART AND DESIGN

- Sustainable Territorial Development

STRATEGIC RESEARCH GROUPS

HEALTH

- Applied Biosciences for Health
- Bioinformatics for Clinical Diagnosis
- Bioengineering and Regenerative Medicine
- Human Genetics
- Cancer Research
- Cardiovascular and Metabolomics Medicine
- Innovative Therapies in Visual Sciences
- Pathophysiology of Metabolic and Emerging Diseases



HUMANITIES AND EDUCATION

- Science, Technology and Society
- Communication, Discourse and Culture
- Ethics and Human Flowering
- Educational Innovation

STRATEGIC RESEARCH GROUPS

PUBLIC POLICY AND SOCIAL SCIENCE

- Access to Justice
- Democracy, Corruption and Global Issues
- Economic Development and Environment
- Government and Public Entrepreneurship



BUSINESS

- Business Analytics
- Consumer Behavior and Conscious Marketing
- Entrepreneurship and Leadership
- Strategy and Management of Organizations in Emerging Economies
- Finance and Macroeconomics
- Social Innovation
- Retail
- Leadership
- Family Business



STRATEGIC RESEARCH GROUPS

RESEARCH CHARACTERISTICS

If you are interested in participating in a project on any of these lines of research, please contact us so we can connect you with the professor in charge of your particular area of interest. We typically find places for students based ON DEMAND; however, some professor have already listed their specific projects for students to review directly.

You can find these projects´ description [HERE](#). Please have in mind that this is not a comprehensive list of project and that we can find more projects on any of the previously described disciplines according to your interest.

SEMESTER				
Research type	Hours / Week	Weeks	Total number of hours	Courses/Credits/ECTS
Part time	20	16	320	2 courses= 6 credits= 10 ECTS
Full time	30-40	16	480-640	4 courses= 12 credits= 20 ECTS

SUMMER				
Research type	Hours / Week	Weeks	Total number of hours	Courses/Credits/ECTS
Part time	20	5	100	1 course= 3 credits= 5 ECTS

ADMISSION REQUIREMENTS

***IMPORTANT: RECEIVING ADMISSION TO TECNOLÓGICO DE MONTERREY IS DIFFERENT THAN APPLYING FOR A RESEARCH PROJECT. YOU WILL FOLLOW A SEPARATE EVALUATION PROCESS TO BE CONSIDERED AS A CANDIDATE FOR A PROJECT.**

**** NOT HAVING AN ADVANCED LEVEL OF SPANISH IS NOT A LIMITATION TO PARTICIPATE IN THE PROGRAM; HOWEVER, HAVE IN MIND THAT, BECAUSE OF THEIR NATURE, SOME PROJECTS MAY REQUIRE AN INTERMEDIATE OR ADVANCE LEVEL OF SPANISH, THEREFORE LIMITING YOUR PLACEMENT OPTIONS.**

Research Placement

Once you are accepted as research project candidate, the placement process will begin. You will receive information about different projects that fit your profile and interests. Also, interviews with the project managers may be required before making an offer.

If you are applying as an Exchange Student, then you first need to be nominated by your university. After nomination you will receive an email with the application form in order for you to fill. If you are an independent student go to studyinmexico.tec.mx > **APPLY NOW** and fill out the **Application for Admission**.

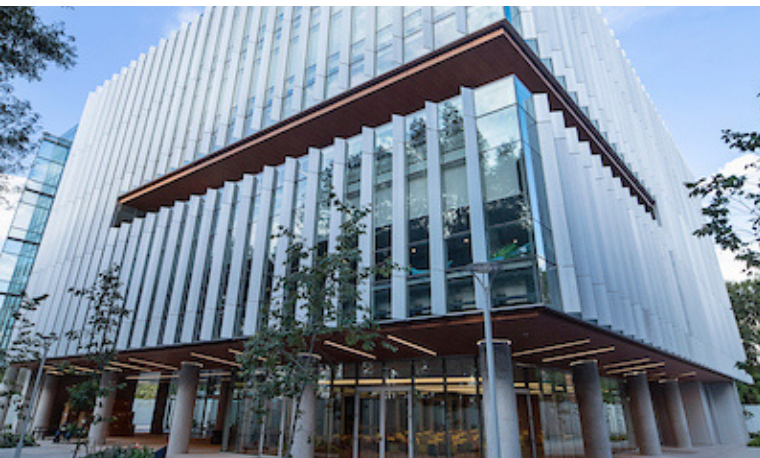
Once you finish your admission process*, you will need to fill the following Research Application Form. In this form you will need to upload the following documents:

- Official transcript with a grade point average of 2.9 in the USA scale (80 in the Mexican system).
- A letter of recommendation from a professor or staff member from the home university.
- Updated resumé or CV in English or Spanish** depending on the language in which you want to do your research.
- Letter of intention explaining the reasons why you would like to participate on an internship program in Mexico.

Tecnológico de Monterrey will review your profile and interests to determine if you are a suitable candidate to participate in the program. This process may take a couple of weeks and may require constant communication between you and the Research Project Advisor. If you are accepted, you will receive a written confirmation.

ONE UNIVERSITY DIFFERENT DESTINATIONS

Mexico City - Guadalajara - Monterrey - Queretaro



CALENDAR 2022 - 2023

	SUMMER TERM 2022 5 WEEK	FALL SEMESTER 2022 AUGUST - DECEMBER	WINTER TERM 2023 5 WEEK	SPRING SEMESTER 2023 FEBRUARY-JUNE
APPLICATION FOR ADMISSION OPENS	August 9, 2021	August 9, 2021	August 8, 2022	August 8, 2022
INTERNSHIP APPLICATION DEADLINE	April 1, 2022	May 13, 2022	October 12, 2022	November 4, 2022
NOMINATION DEADLINE	May 6, 2022	June 3, 2022	November 4, 2022	November 25, 2022
APPLICATION DEADLINE	May 13, 2022	June 10, 2022	November 9, 2022	December 2, 2022
FIRST DAY OF ACTIVITIES	June 27, 2022	August 8, 2022	January 4, 2023	February 13, 2023
LAST DAY OF ACTIVITIES	July 29, 2022	December 2, 2022	February 7, 2023	June 16, 2023



**Tecnológico
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**International Programs Office
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