



Tecnológico  
de Monterrey

# Research Projects for Undergraduate Students



STUDY IN  
MEXICO

# Research Projects

Tec de Monterrey's purpose is to create knowledge based on interdisciplinary research that generates actionable solutions to conquer humanities' major and critical problems.



# Develop your research skills!

Tec de Monterrey’s research projects are **designed to develop your research skills** with the **guidance of a specialist** in your area of preference at any of our research centers.

These projects not only provide valuable experiences but also academic credits that will be part of your transcript at the end of your academic term.

	Credits	Hours per week	Weeks	Total number of hours
Semester Terms	9 credits (15 ECTS)	10 Hours	18 weeks	180 hours
	12 credits (20 ECTS)	13 Hours	18 weeks	234 hours
	18 credits (30 ECTS)	20 Hours	18 weeks	360 hours

Depending on the nature of the project, the number of credits and work hours may vary.

## Projects in Different Research Areas




Engineering and mechatronics




Biotechnology



Medicine and health sciences



Sustainable development



Information technologies



Architecture, art and design



Business



Humanities and education



Public policy and social science

# Ecosystem of Research Groups

Our Research Groups are integrated by professors and researchers from our Schools who carry out research activities with the purpose of obtaining **high impact scientific products, knowledge generation, and innovation.**

## School of Engineering and Science


- Molecular and systems bioengineering
- Emerging food technologies and nutraceuticals
- Advanced manufacturing
- Nanodevices
- Photonics and quantum systems
- Advanced artificial intelligence
- Smart supply chain and logistics
- Innovation in smart digital technologies and infrastructure
- Cyber-physical systems
- Water science and technology
- Energy conversion, storage and management
- Circular economy, decarbonization and climate change

## School of Medicine and Health Sciences

- Diagnostic and therapeutic innovation in chronic degeneration diseases
- Advanced therapies in visual sciences
- Global health and emerging diseases
- Research in breast cancer
- Developmental biology and comprehensive well-being in childhood
- Neurological sciences and neurorestoration



Check the list of  
research project  
available HERE



Check the list of  
research project  
available [HERE](#)

### School of Architecture, Art and Design

- Territorial and sustainable development
- Design and advanced processes of sustainable transformation
- Critical theory of art and design

### School of Social Sciences and Government

- Legal systems innovation
- Economies of the future
- Democracy and global affairs
- Government and public entrepreneurship

### School of Humanities and Education

- Educational innovation
- Digital humanities
- Humanities for sustainable development

### Business School

- Leadership and effective organizations
- Development of conscious businesses
- Impactful entrepreneurship and innovation
- Organizational strategy and industries transformation

Our researchers have access to state-of-the-art specialized facilities with infrastructure and equipment, full-time staff, and operating protocols that provide services to Research Institutes and Groups.



# Application and Placement Process

## 1. Apply to Tec de Monterrey

### As an Exchange Student

1. You first need to be nominated by your home university. Please contact your study abroad advisor for information on how to participate in this program.
2. Receive application link and fill out Tec de Monterrey's Application for Admission.

### As an Independent Student

1. Complete the application process for independent students. Find the details and application [HERE](#)
2. At the application select the Research Project option.

## 2. Start the placement process

Along with the Tec de Monterrey's Application for Admission is necessary to complete the Registration For Research Programs that you can find [HERE](#).

During this process, you will be asked to submit the following documents:


1. A letter of recommendation from a professor or staff member from the home university.
2. Resumé or CV in English or Spanish depending on the language in which you want to conduct your research.
3. Official transcript with a grade point average of 2.9 in the USA scale (80 in the Mexican system).
4. Letter of intention explaining the reasons why you would like to participate in a research project.
5. Choose 3 projects of your interest (See the list of strategic research groups [HERE](#))

## 3. Receive confirmation of placement

Once you submit the required documents an international student advisor will present your information to the professors who will evaluate your profile and confirm your acceptance to the project. Interviews may be required before making an offer.

This process may take a couple of weeks and may require constant communication between you and the advisor.

If you are accepted on any of the projects, you will receive a written confirmation.



# See you soon in Mexico!

## Contact information



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