

Research Projects





Develop your research skills!

Tec de Monterrey offers you the possibility to develop your research skills by participating in a research project at any of our research centers.

Obtain valuable experience while being advised by research specialists in any of our many research groups.

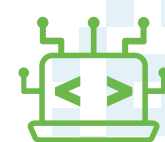
Research Areas



Mechatronics and engineering



Biotechnology



Information technologies and electronics



Sustainable development



Health



Public policy and social science



Architecture, art and design



Business



Humanities and education

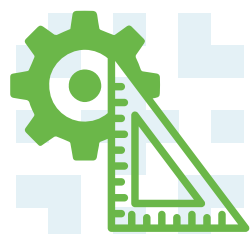
Research Centers

FEMSA Biotechnology Center



The research center moves around three main areas: bioprocess engineering, synthetic biology and food, and pharmaceutical biotechnology.

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.

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.

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.



Ecosystem of Research Groups



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

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

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. Contact studyinmexico@itesm.mx inform them your interest in the program and ask for the Application for Admission.
2. At the application select the Research option.

2. Start the placement process

Once you send the Application for Admission, an **International Student Advisor (ISA)** will contact you to start your placement process. This process may take a couple of weeks and may require constant communication between you and the ISA.

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 USAscale (80 in the Mexican system).
4. Letter of intention explaining the reasons why you would like to participate in a research project and the discipline(s) you would like to apply to. (See the list of strategic research groups.)
(We recommend you to select 2 options in case one is not available.)

3. Receive confirmation of placement

Once you submit the required documents, the ISA will present your information to the Project Managers who will evaluate your profile and confirm your acceptance. Interviews may be required before making an offer.

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



Check more information about our different strategic research groups **HERE**.



Research Project Characteristics

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

	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

Academic Calendar 2024

Research Project Application Deadline
Classes Begin
Classes End

Fall Semester 2024

August - December

March 22, 2024
August 5, 2024
December 6, 2024

Spring Semester 2025

February - June

October 25, 2024
February 10, 2025
June 20, 2025

See you in Mexico!

For more information about this program, please contact your Study Abroad Office or contact us at:

 studyinmexico@itesm.mx

 studyinmexico.tec.mx

YOUR POTENTIAL MOVES THE WORLD