

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.

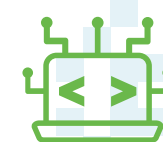
Research Areas



Mechatronics and engineering



Biotechnology



Information technologies and electronics



Sustainable development



Health



Public policy and social science



Architecture, art and design



Business



Humanities and education

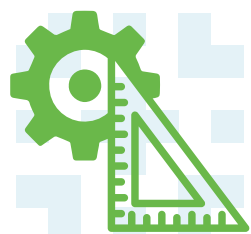
Research Centers

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.



Strategic Research Groups



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

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

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

Architecture, Art And Design

- Sustainable Territorial Development

Biotechnology

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

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

Public Policy And Social Science

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

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. 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

Spring Semester February - June

October 2, 2023
February 12, 2024
June 21, 2024

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