Tecnológico de Monterrey

MC

Physician & Surgeon

Make an impact on the health of millions.

Why study this degree at Tec?

Here, you learn in an ecosystem where science, ethics, and technology come together to prepare you for one of the greatest and most human challenges of all: caring for health.

- **From the very beginning,** you learn through a model based on real-world challenges, clinical practice, and medical innovation.
- **You are trained under international standards,** with access to advanced simulators, hospitals, and top-level research centers.

Is this your path?

If you have a strong calling to serve, are passionate about health sciences, and dream of impacting lives through medicine...

Medicine at Tec is your platform to make it happen.



What makes this program unique at Tec:

- Early clinical training in both public and private hospitals.
- A state-of-the-art simulation center fully integrated into the curriculum.
- High success rate on the ENARM among the top medical schools in the country.
- National and international mobility with institutions such as Baylor, MD Anderson, and the University of Barcelona.
- A mentoring model supported by academic societies and high–social-impact projects.



Your career field is full of possibilities. Here are some:

Public or private medical practice, public health and preventive medicine, health research, teaching, medical services management, legal and forensic medicine, the pharmaceutical industry, medical innovation, and participation in organizations such as the WHO, PAHO, or the Red Cross.



Skills you'll develop:

Ethical and evidence-based medical diagnosis and care, leadership within healthcare teams, critical thinking for clinical research, empathetic communication skills with patients, and a global vision of medicine to transform health from the individual to the community.



Imagine this:

Developing an innovative global health solution, publishing research at Harvard, or being part of Doctors Without Borders.

At Tec, that future starts today.

Here, you're part of something bigger:

TOP 10 — Top 10 in Latin America in Medicine (QS 2026).

Top clinical partners such as TecSalud, IMSS, Hospital de Sant Pau, and the Ministry of Health, among others.

TOP 5 — Three campuses ranked in the Top 5 of the ENARM over the past five years.

Exchange programs with institutions in 20 countries worldwide.

Alliance with Harvard–MIT to advance biomedical research.

Check which campuses offer this program at **tec.mx**

La voz de quienes ya están dejando huella

Natalia Rodríguez, recognized by Harvard and a leader in gender equity in surgery.

Adriana García, honored at Cambridge for her cancer research.

Dorely Medina, winner of the Mujer Tec Award and participant in NASA projects.

A glimpse of how our graduates are leaving their mark through talent.

Lead the medicine that will shape the future of healthcare.

Turn your calling into a force for change.

Tecnológico de Monterrey

Curriculum
Physician & Surgeon

SEMESTER 1
- Elective Course Mathematics and Science
- Cellular and Metabolic Processes
- Person-Centered Care
- Genetics and Genomic Basis
- Public Health
- Introduction to Health Sciences
- Wellbeing
- Health Determinants
- Tec Week Elective I
- Tec Week Elective II

SEMESTER 2
- Elective Course Humanities and Fine Arts
- Basic Structure and Function
- Homeostasis and Regulation of Body Processes
- Research and Data Analysis in Health Sciences
- Exploration Topic
- Healthy Life Course
- Academic English
- Tec Week Elective III
- Tec Week Elective IV

SEMESTER 3
- Elective Course Social and Behavioral Sciences
- Cellular and Molecular Biology
- Biochemistry and Metabolic Disorders
- Genetic Disorders
- Medical Embryology
- Fundamentals of Semiology and Clinical Evaluation
- Structure and Function of Body Systems
- Tec Week Elective V
- Tec Week Elective VI

SEMESTER 4
- Elective Course Leadership, Entrepreneurship and Innovation
- Tissue Microstructure
- Medical Microbiology
- Health Entrepreneurship
- Planetary Health
- Basis of Immune Processes
- Infectious Disorders
- Disciplinary Tec week
- Tec Week Elective VII

SEMESTER 5
- Elective Course Ethics and Citizenship
- Pharmacology in Neuroscience and Microbiology
- Primary Morphofunctional Pathology and Nervous System
- Global Health
- Legal and Forensic Medicine
- Emotional and Behavioral Health
- Nervous System Pathophysiology
- Professional Life Planning
- Tec Week Elective VIII

SEMESTER 6
- Pathophysiology of the Renal System
- Immuno-Hematological Disorders
- Morphofunctional Pathology of Vital Processes
- Pharmacology of Vital and Hematological Functions
- Noncommunicable Diseases
- Cardiovascular and Respiratory Pathophysiology
- Tec Week Elective IX
- Tec Week Elective X

SEMESTER 7
- Pathology of the Digestive and Endocrine System
- Pathophysiology of the Digestive System and Nutrition
- Endocrine, Gastrointestinal and Oncological Pharmacology
- Family Medicin
- Bioethics in Medicine
- Comprehensive Clinical Propaedeutics by Stages of Life
- Endocrine and Metabolic Pathophysiology
- Tec Week Elective XI
- Tec Week Elective XII

SEMESTER 8
- Adaptation to Clinical Sciences
- Skin and Musculoskeletal Diseases
- Public Health in Clinical Settings
- Reproductive Health and Pregnancy
- Cardio-Metabolic Diseases
- Strategies and Guides for the Final Degree Exam
- Induction to the Social Service

Your future in MEDICINE AND SURGERY starts here.

Want more info?

Scan this QR to know more about this program.
tec.mx/mc

WHY NOT?

RVOE: DEC-520912

Tecnológico de Monterrey

Curriculum
Physician & Surgeon

ADDITIONALLY, YOU'LL COMPLETE 8 TRIMESTERS DESIGNED TO STRENGTHEN YOUR PROFESIONAL PROFILE.

TRIMESTER 1
- Quality and Safety in Patient Care
- Pediatric Clinical Cases
- Pediatrics Clinic
- Pediatrics

TRIMESTER 2
- Clinical Cases of Gynecology and Obstetrics
- Gynecology and Obstetrics Clinic
- Gynecology and Obstetrics
- Interpretation of Medical Literature

TRIMESTER 3
- Surgery Clinical Cases
- General Surgery
- Surgery Clinic
- Urology

TRIMESTER 4
- Cardiology and Metabolic Diseases
- Internal Medicine Clinical Cases
- Internal Medicine Clinic
- Internal Medicine

TRIMESTER 5
- Dermatology Clinic
- Oncology Clinic
- Otorhinolaryngology and Ophthalmology Clinic
- Dermatology
- Oncology
- Otorhinolaryngology and Ophthalmology

TRIMESTER 6
- Geriatrics and Palliative Care Clinic
- Neurology and Neurosurgery Clinic
- Psychiatry Clinic
- Geriatrics and Palliative Care
- Neurology and Neurosurgery
- Psychiatry

TRIMESTER 7
- Elective Clinic I
- Elective Clinic II
- Elective Clinic III

TRIMESTER 8
- Emergency Clinic
- Traumatology, Radiology and Emergency Integration Clinic
- Radiology Clinic
- Traumatology and Orthopedics Clinic
- Emergencies
- Radiology
- Traumatology, Orthopedics and Rehabilitation

● You'll be able to customize your learning experience by choosing from the different available options.

*The curriculum may vary. Contact an admissions advisor or visit **tec.mx** for more information.

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