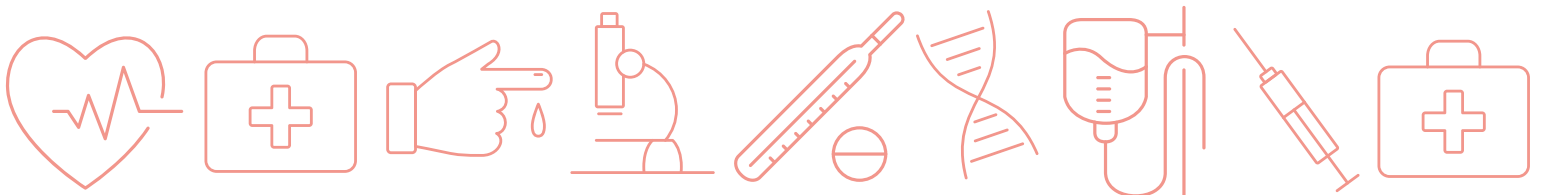




# DOCTOR IN MEDICINE

HEALTH SCIENCE AREA







intec



INSTITUTO TECNOLOGICO DE  
SANTO DOMINGO





# About INTEC

The Instituto Tecnológico de Santo Domingo, INTEC, is a Dominican institution of private higher education with a public service orientation, operating as a non-profit organization. It was founded in 1972 by a group of dedicated academics committed to the social transformation of the country and the continuous promotion of the quality of life for its residents.

The institution is distinguished by its innovative approach and the complementary nature of its academic offerings in the fields of Engineering, Business, Health Sciences, Basic and Environmental Sciences, as well as Social Sciences and Humanities.

# Message from the Rector



It is an honor to welcome you to the hive. The ongoing demand for healthcare professionals opens up a horizon filled with opportunities for those who choose to dedicate themselves to this noble discipline.

Imagine the excitement of being the bridge between science and humanity; practicing medicine, in any of its specialties, requires dedication, compassion, and an unwavering desire to improve the well-being of humanity. Therefore, never forget your calling to serve. Immersing yourself in the captivating world of medicine provides a daily chance to make a meaningful impact on people's lives and become a catalyst for change in society. Throughout your academic journey, you will find passionate teachers and mentors, as well as fellow students who will inspire and challenge you to grow.

In our hive, we encourage you to collaborate, work together, and share your knowledge to contribute to the transformation of the Dominican Republic. What if we succeed?

# Get to know your **Directives**

## **Dr. Miguel E. Robiou K.**

Dean of the Health  
Sciences Area



Graduated from the Universidad Nacional Pedro Henríquez Ureña (UNPHU) in 1987 with a Doctor of Medicine degree. Subsequently, he completed a specialization in Orthopedics and Traumatology at the Hospital Salvador B. Gautier in 1993. He has also pursued studies in Clinical Research Methodology, Hip and Pelvis Surgery, Joint Replacements, Teaching Management, Teaching Certification, and Teaching Evaluation from a Competency-based perspective, among others.

Dr. Robiou has extensive teaching experience at the undergraduate level, where he has taught courses in Clinical Anatomy, Orthopedics, and Traumatology, both at UNPHU (since 1992) and INTEC (since 1996). He has also coordinated surgical rotations for pre-clerkship and clerkship programs at both institutions. Additionally, he has organized and participated in national and international conferences and has presented research papers in his field.

He is a member of the Latin American Society of Orthopedics and Traumatology, as well as other local and international organizations that unite specialists in this field.

## Dear students:

As the Dean, I extend the warmest of welcomes to you as you embark on your journey in the field of medicine, and I wish you success in your training as future physicians. We will be accompanying you every step of the way in your education, ensuring that as graduates of INTEC, you acquire the competencies necessary for high-quality, efficient, ethical, and adaptable medical practice to meet the challenges that lie ahead.

Additionally, we aim for you to develop a humane perspective that allows you to value individuals both on an individual and collective level, with a focus on primary healthcare and preventive medicine, all underpinned by a sense of responsibility and solidarity as guided by the overarching principles of bioethics.

*Dr. Miguel E. Robison K.*



## Dr. Fernando Santamaría

Vice Dean and Coordinator of Undergraduate and Postgraduate programs, Health Sciences Area

Dr. Fernando Santamaría earned his Doctor of Medicine degree from the Universidad Autónoma de Santo Domingo (UASD) in 1985. He holds a Master's degree in Human Sexuality with a specialization in Marital and Sexual Therapy from the Universidad APEC. He has served as a consultant on numerous projects related to sexual, reproductive, and adolescent health for organizations such as UNICEF, Fundación Génesis, and the Technical Secretariat of the Presidency.

Due to his extensive knowledge in this area, he has been invited as a guest lecturer at the Instituto Dermatológico, Universidad Nordestana, UASD, and the Universidad Católica de Santo Domingo (UCSD). Dr. Santamaría began his teaching career at INTEC's Health Sciences Department in 1995. Starting in 1996, he became the coordinator and lecturer for the Postgraduate Program in Comprehensive Adolescent Health, teaching courses in Sexual Therapy and Human Sexuality.

In 1998, he joined the dean's office of the school as Associate Dean, where he continues to work as the Academic Director for Undergraduate Programs. Since 2000, he has served as the director of the Dra. Evangelina Rodríguez Community Health Center and its Clinical Laboratory, located within the INTEC campus.



# Coordinators

**DRA. ROSARIO ALMÁNzar**  
Pediatrics Clerkship

**DR. CEFERINO BRACHE**  
Surgery Clerkship

**DR. YULINO CASTILLO**  
Internal Medicine Clerkship

**DR. SUZANA GUERRERO**  
Psychiatry Clerkship

**DR. EMILTON LÓPEZ**  
Social Medicine  
Clerkship

**DR. CÉSAR LÓPEZ**  
Obstetrics & Gynecology  
Clerkship

**DR. YUDELKA RAMÍREZ**  
Basic Sciences (Preclinic)

**DR. PABLO SMESTER**  
Simulation Laboratory





# INTEC

## Mission

We are an academic community committed to innovation, research, the development of socially responsible, competent, and entrepreneurial citizens, and the generation of knowledge for the transformation and sustainable development of our country.

Our vision is to be the leader in attracting and developing talents of excellence, innovative solutions, and practices that address the challenges of the region.

## Vision

## Values

- Commitment to academic excellence.
- Social and environmental responsibility.
- Innovative leadership in the higher education system.
- Institutional governance and culture.
- Sense of belonging.

## Health Science Area



# Vision

Aims to train physicians with strong ethical foundations and a social outlook that contributes to the strengthening of underserved communities in the field of healthcare. These physicians are expected to utilize biomedical technologies, informatics, telecommunications, telemedicine, and the internet to establish international connections in the production, application, and exchange of knowledge to enhance the quality of life for both the Dominican population and the global community.

# Mission

The medicine program at INTEC was designed to educate professionals who promote health through prevention, therapy, and education, with a focus on the social aspects of the health-disease process and an emphasis on the health of mothers and children. Our goal is to produce doctors with knowledge of the social realities of the country, equipped with critical thinking, scientific quality, and a strong sense of humanity, enabling them to serve others with responsibility and dedication.

# Admission Profile

The future student body of the Medicine program should demonstrate the capacity for analysis, decision-making, and sensitivity to crisis situations, as well as the willingness to work under pressure.

They should exhibit a high level of knowledge in the natural sciences, including Biology, Chemistry, and Physics.

**Additionally, they possess relevant skills in oral and written communication in the Spanish language and an upper-intermediate proficiency in the English language. They are characterized by their logical-mathematical reasoning abilities, as well as their leadership, initiative, and entrepreneurship aptitudes.**

**They are receptive and open to the constant changes in the field of medicine, in order to address future challenges effectively. Furthermore, they demonstrate appropriate scientific vocabulary and advanced knowledge of Information and Communication Technologies (ICT).**

In addition to these characteristics, the future students of the Medicine program exhibit respect for life, as well as integrity, cooperation, the ability to work autonomously and as part of a team, and an interest in scientific research.



# Program's Objectives

The program aims to produce generalist physicians with a strong sense of professional, social, and ethical responsibility. These professionals are knowledgeable about the habits and lifestyles required to maintain health and are capable of effectively communicating them. They understand the socioeconomic causes and etiology of diseases affecting children, adolescents, and adults of both genders, and they are able to diagnose and treat various pathologies, particularly those specific to the Dominican context.

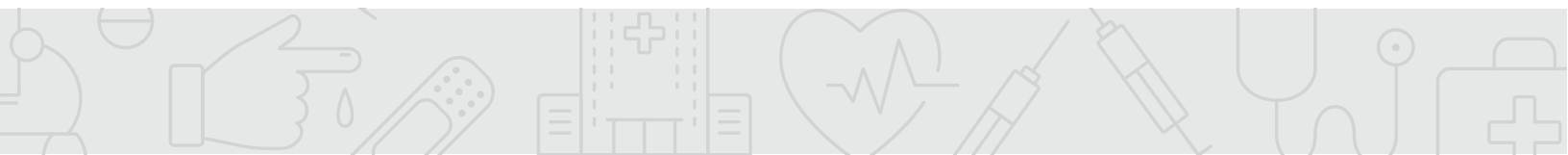
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## Specific Objectives

### TO EDUCATE PROFESSIONALS:

With knowledge in basic sciences and fundamental clinical skills that enable them to understand the concept of health for individuals, families, and communities, and to apply strategies to preserve it.

With the capacity to work at the primary and secondary levels of care to preserve, improve, recover, alleviate, and rehabilitate health using scientific and technological criteria. With values and attitudes that contribute to the well-being of individuals and communities.





# Competencies

In addition, graduates of the Medicine program should be capable of:



1

Demonstrating a critical and sensitive attitude toward the natural and social environment, displaying a humanistic approach to society and the preservation of natural resources, in order to raise awareness and commit to respecting individual diversity and environmental conservation.

2

Demonstrating a critical and sensitive attitude toward the natural and social environment, displaying a humanistic approach to society and the preservation of natural resources, in order to raise awareness and commit to respecting individual diversity and environmental conservation.

3

Actively participating as citizens in local or international contexts, within society, as well as in various civic entities and nonprofit organizations, demonstrating the attitude and aptitude of an ethical and committed professional, ready to generate the transformative changes demanded by the society in which they are engaged.

4

Building their own communication skills in at least one foreign language other than their mother tongue, in order to expand their cultural knowledge and acquire the necessary foundations for using the technical terminology of a second language in scientific research, professional exchanges, training, and even in the full practice of medicine.

5

Conducting bioethical analyses of professional practice conflicts and offering relevant recommendations based on specific cases and situations.

6

Maintaining updated knowledge through periodic training, specialization, and research, incorporating the habit of reviewing and studying scientific and academic publications with the aim of providing effective and current healthcare services.

7

Effectively measuring and estimating diverse data to generate results through the application of multiple statistical methods and techniques applied to healthcare.

8

Promptly and accurately referring patients who require specialized medical care to prevent the prolongation of critical health conditions.

9

Demonstrating and practicing professional healthcare guided by the highest values and attitudes that contribute to the physical, social, and mental well-being of individuals and communities.

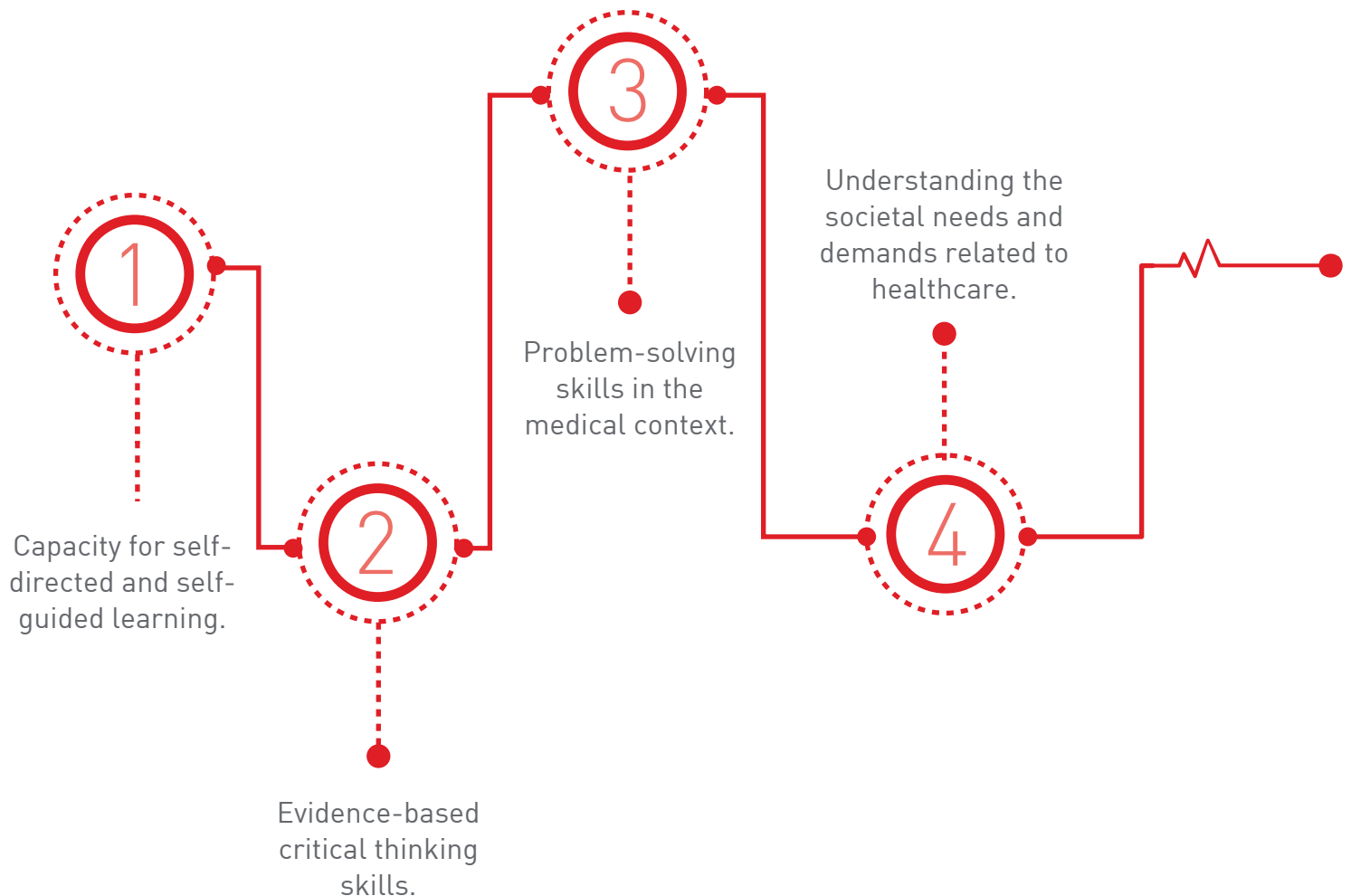


# Competencies

## Accreditation Agency - CAAM-HP



Caribbean Accreditation Authority for Education in Medicine  
and Other Health Professions





# ADVENTAGES

of studying

MEDICINE

AT INTEC

1

The INTEC School of Medicine is currently accredited by both national and international bodies, including the Ministry of Higher Education, Science, and Technology (MESCyT) of the Dominican Republic and the Caribbean Accreditation Authority for Education in Medicine and other Health Professions (CAAM-HP), respectively.

2

Our students and graduates are eligible to take the United States Medical Licensing Examination (USMLE) after which, upon successful completion, they can obtain certification from the Educational Commission for Foreign Medical Graduates (ECFMG) to practice in the United States.

3

INTEC has a specialized language center where you can learn English, French, Italian, Mandarin, Creole, Portuguese, and more.

4

Additionally, it is recognized by the Medical Board of California in the United States of America.

5

The school meets the criteria required by the Federal Government of the United States for the provision of Federal Loans, making it easier for foreign applicants to complete their studies at INTEC under these conditions.





6

Students have the opportunity to apply for student mobility twice during their program through the INTEC Mobility Office. Additionally, assistance is provided for academic activities in which they wish to participate.

7

Through the Bioethics and Research Department, along with the BioINTEC process, students are introduced to the scientific world of medical research from the beginning of their academic journey. This helps them define their research interests and develop an investigative profile that is competitive in the field of healthcare and society. Furthermore, they can develop these skills and objectives with the help of the Simulation Laboratory (SIMLab), equipped for this purpose.

8

The program focuses on core subjects to ensure the academic quality of the program and the acquisition of essential skills for a general physician.

9

Through the Social Medicine Clerkship, students work in a community in the southern provinces of Peravia or La Romana, in various Primary Care Units (UNAP) in the area. They engage in preventive medicine practices, community work, and research on topics relevant to their field of work.

# Candidates Selection

**Academic Admission Test (PAA):** This test aims to measure the verbal and mathematical reasoning skills of Spanish-speaking students, which helps raise the standards of our graduates. It assesses three areas of reasoning:

## VERBAL REASONING

Critical Reading,  
Sentence  
Completion.

## ANALOGICAL REASONING AND INDIRECT WRITING

## MATHEMATICAL REASONING

Arithmetic, Algebra  
I, Geometry, Basic  
Statistics, and  
Probability

Group Interview, using the evaluation of competencies in the admission profile with the methodology of an evaluation center. Its objective is to identify personal competencies and vocational aptitude for decision-making in the Admissions Committee. In cases where required, personality and vocational assessments are also conducted.

### **The evaluation committee in the interview consists of three members:**

A moderator (Program Coordinator), an Admissions Coordinator, and the Evaluation Officer. During this process, the candidate's file and the results of the admission test are considered.

The minimum score for the interview is 70 points out of 100. The evaluation covers vocational service, career alignment, stress management, analytical abilities, decision-making, sensitivity, oral and written communication, memory, leadership, initiative, and comprehension.

As a requirement of the Ministry of Higher Education, Science, and Technology (MESCyT), the Orientation and Academic Measurement Test (POMA) is applied to monitor newly admitted students nationwide. Based on the results of the Orientation and Academic Measurement Test (POMA), INTEC admits the best students in the country.

### **English Proficiency Test:**

This test aims to evaluate the level of English language proficiency. It is used for the leveling of incoming students, and the institution sets a minimum passing score as a graduation requirement.

# Admissions Committee

The Admissions Unit is responsible for receiving and processing applicants' files, validating information, and ensuring compliance with requirements before convening the Admissions Committee on the published date according to the Admissions calendar.

According to the Admissions Regulations (Appendix...), in its Chapter IV, the Admissions Committee is responsible for reviewing, approving, or rejecting admission applications after analyzing and weighing the attributes of the candidates and the contents of their files. Committee members sign the admission application form to validate the decision made.

The Coordinator of the Admissions Unit, who chairs it.

The Academic Coordinator of the Degree Level.

The Program Coordinator.

The Director of Finance or their representative, when reviewing files of candidates with Federal Loans.

Any invited guest whom the other committee members deem beneficial in evaluating candidates.

These members remain on the committee for as long as they hold their positions, with the exception of the invited guest, who is selected by the other committee members.





# Induction for Admitted Students

The week before starting at the university, a set of activities coordinated by the Marketing and Promotion Department is carried out to provide and convey global information about the institution and introduce new students to university life. This aims to facilitate their integration into the institution and ensure a welcoming atmosphere for the student population, motivating them to participate

actively and proactively in all educational processes proposed by the institution.

There is also a website, **[www.inducción.intec.edu.do](http://www.inducción.intec.edu.do)**, which compiles all the information that newly admitted students need to know to begin their university life. The information available on this website includes:

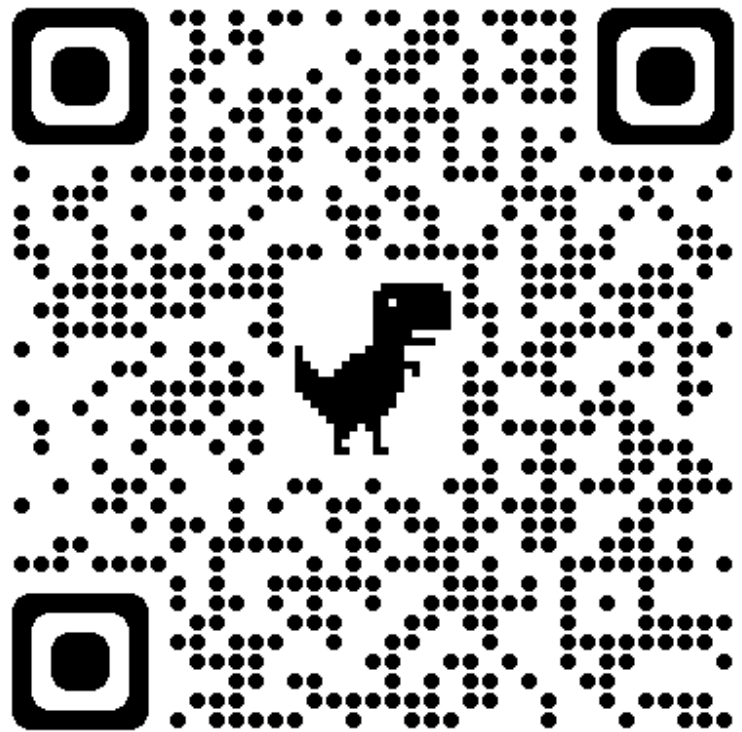
- Welcome Portal
- Process Tutorials
- Rector's Letter
- Campus Map
- Institutional Documents
- Frequently Asked Questions
- Induction Week Calendar
- Activity Agenda
- OASIS
- Media
- Service Contacts
- Downloadable Materials

The welcome ceremony receives the support and participation of parents, students, the Marketing and Promotion Department, Academic Areas, the Student Services Directorate: Admissions, Student Development and University Life, the Academic Development Division: Curriculum, Faculty Development, Evaluation, and Counseling, Registration Department, Learning Resources Department, Finance Division, Student Committees, the Information Technology Directorate, the Student Mobility Unit, the Institutional Intelligence Unit,

the Audiovisual Unit, and the Purchasing Unit. Parents of students are also invited to participate in the admission process. A panel discussion with parents, guardians, or tutors is held during the induction ceremony to welcome them to INTEC. They receive two lectures by guest speakers and distinguished alumni.



Scan to see the  
**Academic Calendar**



# Description of the Curriculum

The curriculum of the Medicine program is organized into trimesters for all its variants.

## GENERAL INFORMATION:

- Degree awarded:  
**DOCTOR of MEDICINE**
- Duration:  
**21 trimesters**  
**(5 years and 1 trimester)**
- Total credits: **421**
- Mandatory Credits: **211**
- Elective Credits: **26**

## COMPONENTS:

- Premedical  
(trimesters 1 to 6)
- Ciencias Básicas  
(trimesters 7 to 11)
- Clinical Sciences:
  - a. Pre-internship (trimesters 12 to 17)
  - b. Clerkship (trimesters 18 to 21)



## MEDICINE

Version 06

PREMEDICAL (From trimester No.1 to trimester No.6)				
Code	Subject	Credits	Co-Requisites	Pre-requisites

### Trimester: 1

AHC101	SPANISH LANGUAGE COMMUNICATION I	4		
AHO101	ACADEMIC AND INSTITUTIONAL GUIDANCE (1)	2		
CBM101	ALGEBRA AND ANALYTICAL GEOMETRY	5		
CSS101	HUMAN BEING AND SOCIETY	4		
SHI103	ENGLISH 01 (BASIC I) (2)	0		
	ART AND CULTURE WORKSHOP OR SPORTS (3)	2		
		17		

### Trimester: 2

AHC102	SPANISH LANGUAGE COMMUNICATION II	4		AHC101
AHQ101	SCIENTIFIC TASK	4		
CBM102	DIFFERENTIAL CALCULUS	5		CBM101
ING101	FUNDAMENTALS OF INFORMATION TECHNOLOGY	1		
SHI104	ENGLISH 02 (BASIC II) (2)	0		SHI103
	LIFE IN THE ENVIRONMENT (3)	4		
		18		

### Trimester: 3

AHM202	RESEARCH METHODOLOGY IN HEALTH	4		AHQ101
CBB201	BIOLOGY I	4		
CBM232	BIostatISTICS I	3		CBM101
CBQ201	CHEMISTRY I	5		CBM101
CSH102	SOCIAL AND CIVIC COMMITMENT	2		
SHI105	ENGLISH 03 (INTERMEDIATE I) (2)	0		SHI104
	HISTORICAL-CULTURAL ELECTIVE (3)	4		
		22		

### Trimester: 4

CBB202	BIOLOGY II	5		CBB201
CBF208	PHYSICS FOR LIFE I	4		CBM101
CBM233	BIostatISTICS II	3		CBM232
CBQ202	CHEMISTRY II	5		CBQ201

CSH103 INNOVATION AND ENTREPRENEURSHIP		2	
SHI111 INTERMEDIATE ENGLISH II (2)		4	SHI105
		23	
<b>Trimester: 5</b>			
ASM101 BioINTEC I PROJECT		3	AHM202 CBM233
CBF209 PHYSICS FOR LIFE II		4	CBF208
CBQ204 ORGANIC CHEMISTRY I		5	CBQ202
PSI201 GENERAL PSYCHOLOGY I		4	
SHI112 ADVANCED ENGLISH I (2)		4	SHI111
HEALTH AREA ELECTIVE I (4)		2	
		22	
<b>Trimester: 6</b>			
ASM102 BioINTEC II PROJECT		3	ASM101
CBQ205 ORGANIC CHEMISTRY I		5	CBQ204
CSH105 INTEGRATED GENERAL STUDIES PROJECT (5)		2	50
MED203 BIOPHYSICS		4	CBF209
PSI202 GENERAL PSYCHOLOGY I		4	PSI201
SHI113 ADVANCED ENGLISH II (2)		4	SHI112
		22	

## END OF PREMEDICAL CYCLE

## BASIC SCIENCES CYCLE (PRECLINICAL) (From Trimester No.7 to Trimester No.11)

### ADMISSION REQUIREMENTS:

- 1) Completion of all courses in the Pre-Medical Cycle (from trimester No. 1 to trimester No. 6)
  - 2) Attainment of a General Index of 2.50 or higher.
  - 3) Completion of a new admissions process, which may include interviews or an entrance exam. Some restrictions apply.
  - 4) Up-to-date vaccinations and submission of vaccination records to the Health Sciences Area before trimester No. 11.
  - 5) Students with Federal Loans without a previous degree, who have not taken the Medical College Admission Test (MCAT), must take and pass it.
- Note: All clinical science labs must be taken concurrently with the theory or must have been previously completed.**

Code	Subject	Credits	Co-Requisites	Pre-Requisites
<b>Trimester: 7</b>				
MED204	ANATOMY I	5		*
MED206	BIOCHEMISTRY I	4		*
MED207	EMBRIOLOGY	4		*
MED234	HISTOLOGY	4		*

MED235	EPIDEMIOLOGY AND PREVENTIVE MEDICINE	4	*
	HEALTH AREA ELECTIVE II (4)	2	
		<hr/> 23	

## Trimester: 8

MED205	ANATOMY II	5	MED204
MED209	BIOCHEMISTRY II	4	MED206
MED218	GENETICS	4	MED207
MED228	PHYSIOLOGY I	4	MED206
MED237	PUBLIC HEALTH	4	MED235
		<hr/> 21	

## Trimester: 9

MED213	MICROBIOLOGY I	4	MED235
MED216	PATHOLOGY I	4	MED234
MED227	ANATOMY III	5	MED205
MED229	PHYSIOLOGY II	4	MED228
MED307	IMMUNOLOGY	4	MED228
		<hr/> 21	

## Trimester: 10

ASM203	PHARMACOLOGY AND THERAPEUTICS I	5	MED209 MED228
MED210	HISTORY OF MEDICINE	2	*
MED211	PARASITOLOGY	4	MED213
MED217	MICROBIOLOGY II	4	MED213
MED220	PATHOLOGY II	4	MED216
MED231	PHYSIOPATHOLOGY I	4	MED228
ASM208	BASIC LIFE SUPPORT (BLS) SEMINAR (6)	0	*
		<hr/> 23	

## Trimester: 11

ASL301	CLINICAL SEMIOLOGY AND DOCTOR-PATIENT RELATIONSHIP LABORATORY	2	ASM301	**
ASL302	SURGICAL SEMIOLOGY LABORATORY	2	ASM302	**
ASM204	PHARMACOLOGY AND THERAPEUTICS II	5	ASM203	



# Ciencias de la Salud

Asume el reto



ASM301	CLINICAL SEMIOLOGY AND DOCTOR-PATIENT RELATIONSHIP	3	ASL301	**
ASM302	SURGICAL SEMIOLOGY	3	ASL302	**
ASM349	ADVANCED LIFE SUPPORT SEMINAR (ACLS) (6)	0		**
MED233	PHYSIOPATHOLOGY II	4		MED229 MED231
MED236	CLINICAL PSYCHOLOGY	2	ASM301 ASL301	**
MED303	BIOETHICS	2	ASM301 ASL301	**
		23		

## END OF BASIC SCIENCES (PRECLINICAL) CYCLE

## CLINICAL SCIENCES CYCLE (PRE-CLERKSHIP) (From Trimester No. 12 to Trimester No. 17)

### ADMISSION REQUIREMENTS:

- 1) Pass all courses in the Basic Sciences Cycle (from trimester No. 7 to trimester number 11).
- 2) The twelfth trimester is optional and can be used for a USMLE STEP 1 preparation course. Restrictions apply. Note: All clinical science labs must be taken concurrently with the theory or must have been previously completed.
- 3) Take the Diagnostic Basic Sciences Exam.

Code	Subject	Credits	Co-Requisites	Pre-Requisites
<b>Trimester: 12</b>				
ASL304	NUTRITION LABORATORY	1	ASM304	***
ASL306	PULMONOLOGY LABORATORY	1	ASM306	***
ASL308	RADIOLOGY LABORATORY	1	ASM308	***
ASL324	GASTROENTEROLOGY LABORATORY	1	ASM324	***
ASL327	NEPHROLOGY LABORATORY	1	ASM327	***
ASL329	CARDIOLOGY LABORATORY	2	ASM329	***
ASM304	NUTRITION	1	ASL304	***
ASM306	PULMONOLOGY	3	ASL306	***
ASM308	RADIOLOGY	1	ASL308	***
ASM324	GASTROENTEROLOGY	3	ASL324	***
ASM327	NEPHROLOGY	3	ASL327	***
ASM329	CARDIOLOGY	3	ASL329	***
		21		

### Trimester: 13

ASL303	DERMATOLOGY LABORATORY	1	ASM303	***
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ASL307	GENERAL SURGICAL PATHOLOGY I LABORATORY	1	ASM307	***
ASL309	INFECTIOUS DISEASES LABORATORY	2	ASM309	***
ASL328	UROLOGY LABORATORY	1	ASM328	***
ASL330	OTORHINOLARYNGOLOGY LABORATORY	1	ASM330	***
ASM303	DERMATOLOGY	2	ASL303	***
ASM307	GENERAL SURGICAL PATHOLOGY I	3	ASL307	***
ASM309	INFECTIOUS DISEASES	2	ASL309	***
ASM328	UROLOGY	3	ASL328	***
ASM330	OTORHINOLARYNGOLOGY	2	ASL330	***
ASM350	CLINICAL PATHOLOGY SEMINAR (6)	0		

18

## Trimester: 14

ASL315 LABORATORY	GENERAL SURGICAL PATHOLOGY II	1	ASM315	ASM307 ASL307***
ASL323	PSYCHIATRY LABORATORY	1	ASM323	***
ASL325	NEUROLOGY LABORATORY	1	ASM325	***
ASL331	OPHTHALMOLOGY LABORATORY	1	ASM331	***
ASL333	ENDOCRINOLOGY LABORATORY	2	ASM333	***
ASM315	SURGICAL PATHOLOGY II	3	ASL315	ASM307 ASL307***
ASM323	PSYCHIATRY	3	ASL323	***
ASM325	NEUROLOGY	4	ASL325	***
ASM331	OPHTHALMOLOGY	2	ASL331	***
ASM333	ENDOCRINOLOGY	3	ASL333	***

21

## Trimester: 15

ASL305	HEMATOLOGY LABORATORY	1	ASM305	***
ASL322	RHEUMATOLOGY LABORATORY	1	ASM322	***
ASL326 LABORATORY	TRUMATOLOGY AND ORTHOPEDICS	1	ASM326	***
ASL332	ANESTHESIOLOGY LABORATORY	1	ASM332	***
ASM305	HEMATOLOGY	1	ASL305	***

ASM316	ONCOLOGY	2		***
ASM322	RHEUMATOLOGY	2	ASL322	***
ASM326	TRUMATOLOGY AND ORTHOPEDICS	3	ASL326	***
ASM332	ANESTHESIOLOGY	2	ASL332	***
ASM339	RESILIENCE AND THANATOLOGY	3		***
ASM341	GERIATRICS	2		***
	HEALTH AREA ELECTIVE III (4)	2		
		21		

## Trimester: 16

ASL317	HUMAN REPRODUCTION LABORATORY	2	ASM317	***
ASL318	OBSTETRIC-GYNECOLOGICAL PATHOLOGY	2	ASM318	***
LABORATORY		2	ASM319	***
ASL319	GYNECOLOGICAL PATHOLOGY LABORATORY	2	ASM320	***
ASL320	OBSTETRIC PATHOLOGY LABORATORY	2	ASM321	***
ASL321	DEMOGRAPHY AND FERTILITY LABORATORY	2	ASL317	***
ASM317	HUMAN REPRODUCTION	2	ASL318	***
ASM318	OBSTETRIC-GYNECOLOGICAL PATHOLOGY	2	ASL319	***
ASM319	GYNECOLOGICAL PATHOLOGY	2	ASL320	***
ASM320	OBSTETRIC PATHOLOGY	2	ASL321	***
ASM321	DEMOGRAPHY AND FERTILITY	4		
ASM343	SEXUALITY IN PRIMARY CARE	0		
ASM352	OBSTETRICS AND GYNECOLOGY SEMINAR	24		

## Trimester: 17

ASL310	GENERAL PEDIATRIC PATHOLOGY LABORATORY	1	ASM310	***
ASL311	PEDIATRIC INFECTIOUS PATHOLOGY LABORATORY	1	ASM311	***
ASL312	PERINATOLOGY LABORATORY	1	ASM312	***
ASL313	GROWTH AND DEVELOPMENT LABORATORY	1	ASM313	***
ASL314	THERAPEUTICS AND PEDIATRIC EMERGENCY	1	ASM314	***
LABORATORY		1	ASM344	***
ASL344	EMERGENCY MEDICINE LABORATORY	2	ASL310	***
ASM310	GENERAL PEDIATRIC PATHOLOGY			

ASM311	PEDIATRIC INFECTIOUS PATHOLOGY	2	ASL311	***
ASM312	PERINATOLOGY	2	ASL312	***
ASM313	GROWTH AND DEVELOPMENT	2	ASL313	***
ASM314	THERAPEUTICS AND PEDIATRIC EMERGENCY	2	ASL314	
ASM344	EMERGENCY MEDICINE	1	ASL344	***
ASM345	FAMILY MEDICINE	2		***
ASM351	TRAUMA PATIENT LIFE SUPPORT SEMINAR (6)	0		

19

## END CLINICAL SCIENCES CYCLE (PRE-CLERKSHIP)

## CLINICAL SCIENCES CYCLE (CLERKSHIP) (From Trimester No. 18 to Trimester No. 21)

### ADMISSION REQUIREMENTS:

- 1) Successfully pass all courses in the Clinical Sciences Pre-Internship Cycle (From trimester No.12 to trimester No.17).
- 2) Complete 70 hours of Continuing Education.

Code	Subject	Credits	Co-Requisites	Pre-Requisites
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### Trimester: 18

ASM334	SOCIAL AND RURAL MEDICINE	14		****
		14		

### Trimester: 19

MED345	INTERNAL MEDICINE	13		****
		13		

### Trimester: 20

ASM335	SURGICAL	11		****
MED349	PSYCHIATRY	6		
		17		

### Trimester: 21

ASM336	PEDIATRICS	9		****
ASM337	OBSTETRICS - GYNECOLOGY	9		****
		18		

### Final Performance Evaluation of Competencies in the Medicine Program:

It will be required to have passed all courses, seminars, and internships from TRIMESTER No.1 to TRIMESTER No.21.

## END CLINICAL SCIENCES CYCLE (CLERKSHIP)

CODE 100 General Education Component	: 63 Credits
CODE 200 Specialized Training Component	: 154 Credits
CODE 300 Professional Training Component	: <u>204</u> Credits
<b>TOTAL</b>	<b>: 421 CREDITS</b>

## MEDICAL PROGRAM CYCLES:

Premedical	: 124 credits
Basic Sciences	: 111 credits
Clinical Sciences	: <u>186</u> credits
<b>TOTAL</b>	<b>: 421 CREDITS</b>

## EXPLANATORY NOTES:

- \* Having passed all courses from trimester No. 1 to trimester No. 6.
- \*\* Having passed all courses from trimester No. 7 to trimester No. 11.
- \*\*\* Having passed all courses from trimester No. 12 to trimester No. 17 and completing 70 hours of Continuing Education.
- \*\*\*\* Having passed all courses, seminars, and internships from trimester No. 1 to trimester No. 21.

- 1) The first course to be enrolled in at INTEC. In case of withdrawal or failure, the student must select it again in the following trimester until passing it.
- 2) The student will take the English Module, which includes six (6) levels:
  - Three (3) without credit value (Basic I, Basic II, and Intermediate I).
  - Three (3) with credit value (Intermediate II, Advanced I, and Advanced II (Technical for Medicine)).The student's prior competencies in the language will be determined through an exam conducted for this purpose. Based on the result obtained, they will take the required levels and will be exempt from the levels they pass.
- 3) The student will take one (1) Elective in Artistic and Cultural Expression (Art and Culture Workshop or Sports); one (1) Environmental Elective (Life in the Environment); and one (1) Historical-Cultural Elective, with codes 100, corresponding to the General Education Component.
- 4) The student will take 3 Professional Electives, ELECTIVES IN THE HEALTH AREA, with codes 300 defined for this purpose by the program. They must obtain the coordinator's authorization to take as electives courses from the Professional Training Component that have not been previously defined.
- 5) The student must pass 44 credits from the General Education Component to enroll in the Integrated General Studies Project.

## OTHER GRADUATION REQUIREMENTS:

- The student must pass the Basic Sciences Proficiency Exam and will have three opportunities during their period of study to pass it.
- The student who has chosen to take the Preparation Course for the USMLE Step 1 must have taken and passed the USMLE Step 1 exam. Restrictions apply.
- The student must take 4 seminars from the Health Sciences Area during their period of study, choosing four (4) from the following available options: ELECTROCARDIOGRAPHY, BASIC LIFE SUPPORT (BSL, ACLS, Trauma), Suturing, Forensic and Legal Medicine, Cardiovascular Surgery, Neurosurgery, Humanization in Service Provision.
- The student must complete 70 hours of Continuing Education during their period of study. These hours can be calculated as follows: 1 credit = 3 hours. Each activity will have its credit value, which will be added up and recorded in their academic record. Classification according to the REGULATIONS FOR THE APPROVAL, REGULATION, AND ACCREDITATION OF MEDICAL SCHOOLS IN THE DOMINICAN REPUBLIC 2010.
- At the end of the Rotating Internship cycle, the student will be required to take the Performance Competency Examination in the Medicine program. This exam will not have a scoring system and will be used as a diagnostic tool to assess the acquired competencies.

# Description of the Academic Modules

In INTEC's curriculum design, each module corresponds to key areas of knowledge and a set of competencies to be developed in students. The aim is to reduce the segmentation of knowledge between components and guide towards the integration of competencies defined in the graduate profile.

## Module 1: Introduction to University Life

This module consists of four (4) subjects and a total of twelve (12) credits. It aims to develop general competencies that promote a sense of belonging and adaptation to university life, the generation of habits for autonomous learning, commitment to the world in which one lives, and a positive attitude towards people, the environment, culture, arts, sports, and coexistence.





## The competencies to be developed in this module are:

- Demonstrates self-awareness and self-esteem to face academic, professional, and personal challenges with quality and rigor.
- Shows a sense of belonging to INTEC and adaptation to university life, demonstrating a clear understanding of its history, vision, and mission.
- Demonstrates a critical attitude and sensitivity towards the natural and social environment through an attitude of appreciation and respect for each component of society and its natural resources.
- Uses socio-cultural tools for individual and collective expression. · Acts efficiently and responsibly under pressure, achieving excellent results in projects or the workplace.
- Demonstrates the ability to think reflectively, creatively, and innovatively, leading to the right decision-making for achieving excellent results.
- Shows the capacity and willingness to cooperate, negotiate, and work in teams, creating a favorable atmosphere and contributing to the success of the objectives to be achieved.
- Demonstrates a critical and sensitive attitude towards the natural and social environment, showing a humanistic approach to society and the preservation of natural resources to raise awareness and commitment to respecting individual diversity and conserving the environment.

Tabla 1: Módulo 1: Inserción a la Vida Universitaria

Clave	Asignatura	Créditos
AHO101	Orientación Académica E Institucional	2
ASH1X4	Taller De Arte Y Cultura O Deporte	2
CSS101	Ser Humano Y Sociedad	4
CBA1X2	Vida En El Medio Ambiente	4
TOTAL		12

## Module 2: Ethics and Social Responsibility

This module consists of four (4) subjects and a total of ten (10) credits. It aims to provide comprehensive training to students as members of society, encouraging them to act with ethics and social responsibility. Students are expected to apply human ethical principles to their personal and professional actions, which reflect what they have received from their families, schools, and their professional training according to the environment.



### The competencies to be developed in this module are:

- Demonstrates the ability to interact effectively with others.
- Actively participates in society and in civic entities as part of citizenship.
- Applies human ethical principles to personal and professional actions.
- Understands contemporary Dominican reality in its historical and cultural dimensions.
- Demonstrates Caribbean and Latin American awareness, as well as a sense of solidarity and belonging to the region in general and Dominican culture in particular.

*Tabla 2: Módulo 2: Ética y Responsabilidad Social*

Clave	Asignatura	Créditos
ASH1X3	Electiva Histórico-Cultural	4
CSH102	Compromiso Social Y Cívico	2
MED210	Historia De La Medicina	2
MED303	Bioética	2
TOTAL		10

## Module 3: Communication and Reasoning

This module consists of eight (8) subjects and a total of twenty-seven (27) credits. It aims to develop the necessary skills and abilities for effective oral and written communication and the use of mathematical concepts and ideas to interpret, represent, pose, and solve problems.

### The competencies to be developed in this module are:

- Effectively uses oral and written language to communicate in their mother tongue.
- Demonstrates logical-mathematical thinking in analyzing and interpreting reality.
- Develops skills and abilities in problem-solving.
- Performs risk analysis for effective decision-making.



Tabla 3: Módulo 3: Comunicación y Razonamiento

Clave	Asignatura	Créditos
AHC101	Comunicación En Lengua Española I	4
CBM101	Álgebra y Geometría Analítica	5
AHC102	Comunicación en Lengua Española II	4
CBM102	Cálculo Diferencial	5
ING101	Fundamentos De Tecnología De La Información	1
CBM232	Bioestadística I	3
CBM233	Bioestadística II	3
ASM2X	Electiva De Medicina I	2
<b>TOTAL</b>		<b>27</b>

## Module 4: Foreign Language

This module consists of six (6) subjects, three (3) without credit and three (3) with credit, for a total of 12 credits. It aims to acquire communicative skills in a foreign language to gain a broader perspective of the global world and expand knowledge of different cultures.

### The competencies to be developed in this module are:

- Understands the formal resources of the language, comprehends the functional use of these resources, and has the ability to use them in formulating meaningful messages for effective interactions in real communicative situations.
- Understands and comprehends the social and cultural conditions implied in language use.
- Understands the importance of their role as an academically developing person, assuming it consciously and reaffirming themselves as members of a community.
- Develops and applies critical and reflective capacity and applies it to the analysis and search for solutions to problems in their environment.
- Understands and uses the necessary medical terminology to interact with the international medical community.

Tabla 4: Módulo 4: Lengua Extranjera

CLAVE	ASIGNATURA	Créditos
SHI103	Inglés 01 (Básico I)	0
SHI104	Inglés 02 (Básico II)	0
SHI105	Inglés 03 (Intermedio I)	0
SHI111	Inglés Intermedio II	4
SHI112	Inglés Avanzado I	4
SHI113	Inglés Avanzado II	4
<b>TOTAL</b>		<b>12</b>



## Module 5: Integrative Projects and Innovation

This module consists of six (6) subjects and a total of eighteen (18) credits. It is intended to stimulate and evaluate knowledge acquired throughout the program, allowing the consolidation of theory with reality and the development of students' professional competencies. It instructs students in the methodology required to conduct research on health topics with scientific rigor, while also encouraging teamwork.

### The competencies to be developed in this module are:

- Applies the principles of innovation and intellectual property regulations in generating new ideas.
- Recognizes their potential and the possibilities of building and applying innovations for different contexts.
- Uses knowledge and information as transformative tools in the environment.
- Demonstrates a critical and reflective attitude in research, understanding its importance in the field of medicine and contributing to solving problems in the hospital setting.

Tabla 5: Módulo 5: Proyectos Integradores e Innovación

Clave	Asignatura	Créditos
CSH103	Innovación Y Emprendimiento	2
AHQ101	Quehacer Científico	4
CSH105	Proyecto Integrador De Estudios Generales	2
ASM101	Proyecto Biointec I	3
ASM102	Proyecto Biointec II	3
AHM202	Metodología De Investigación En Salud	4
TOTAL		18

## Module 6: Natural Sciences

This module consists of nine (9) subjects and a total of forty-one (41) credits. It aims to acquire the necessary knowledge for understanding how basic sciences are applied in the processes of living organisms. Through the content of this module, students are introduced to how biology, chemistry, and physics interact in biological processes.



### The competencies to be developed in this module are:

- Comprende y utiliza los conceptos básicos relacionados con la composición y el funcionamiento de los organismos desde su organización más interna.
- Comprende la interrelación que existe entre diversos elementos, hechos, y razones que se ocultan tras los eventos físicos, químicos y biológicos del Ser Humano.
- Demuestra actitud crítica y reflexiva respecto a las diferentes leyes, teorías y modelos físicos, comprendiendo su origen y estructuras, valorando su importancia en el campo de la Medicina y de la vida diaria.
- Comprende la estructura celular, el desarrollo embrionario y los procesos de reproducción y evolución de los seres vivos para dar respuesta a interrogantes relacionadas con el objeto de estudio.

Tabla 6: Módulo 6: Ciencias Naturales

Clave	Asignatura	Créditos
CBB201	Biología I	4
CBB202	Biología II	5
CBQ201	Química I	5
CBQ202	Química II	5
CBQ204	Química Orgánica I	5
CBQ205	Química Orgánica II	5
CBF208	Física Para La Vida I	4
CBF209	Física Para La Vida II	4
MED203	Biofísica	4
TOTAL		41

## Module 7: Psychosocial Integration

This module consists of four (4) subjects and a total of twelve (12) credits. Its aim is for students to acquire the necessary knowledge and skills to understand the various organic factors that influence human behavior. It values individuals as human beings with a social and community-oriented perspective in the context of health and illness.



### The competencies to be developed in this module are:

- Recognizes the principles that influence human mental processes, achieving an understanding of their impact on interactions with society.
- Evaluates, identifies, and diagnoses the main psycho-behavioral disorders affecting humans, understanding the origins and triggers of different pathological processes.
- Understands the characteristics and fundamental principles of effective communication in order to establish a proper doctor-patient relationship.
- Promotes gender equality, respect for minorities, and the appreciation of collective and religious differences, aiming to create a holistic view of social reality.

Tabla 7: Módulo 7: Inserción Psicosocial

Clave	Asignatura	Créditos
PSI201	Psicología General I	4
PSI202	Psicología General II	4
MED236	Psicología Clínica	2
ASM2E2	Electiva De Medicina II	2
TOTAL		12

## Module 8: Morphological

This module consists of eight (8) subjects from the Basic Sciences Cycle (Pre-Clinical), with a total of thirty-five (35) credits. It leads to an understanding of the structural constitution of the human body, from tissue formation to the macroscopic structures that make up the fundamental systems of human anatomy. It visualizes the process of embryonic development (highlighting internal and external factors that influence it, as well as its alterations).

It integrates the basic contents of human morphology, enabling an understanding of anatomical, histological, and cytological changes in organs, tissues, and cells in the course of diseases. This allows for an understanding of the causes, mechanisms, and consequences of pathological processes in any disease.

### The competencies to be developed in this module are:

- Acquires and integrates basic knowledge of different normal and pathological structures that make up organs, apparatuses, and systems.
- Recognizes and describes the macroscopic and microscopic structures that make up the human being.
- Understands and identifies embryological processes in humans, understanding the molecular components that influence proper development and the morphological and pathological implications that genetic disorders may have.
- Recognizes and describes the normal functions of various organs, apparatuses, and systems, establishing relationships between intracellular and molecular structures that compose them.





Tabla 8: Módulo 8: Morfológico

Clave	Asignatura	Créditos
MED207	Embriología	4
MED204	Anatomía I	5
MED205	Anatomía II	5
MED227	Anatomía III	5
MED2018	Genética	4
MED234	Histología	4
MED216	Anatomía Patológica I	4
MED220	Anatomía Patológica II	4
TOTAL		35

## Module 9: Physiological

This module consists of eight (8) subjects corresponding to the Basic Sciences Cycle (Pre-Clinical), with a total of thirty-four (34) credits.

It develops fundamental knowledge for understanding the physical and chemical processes that occur in the human body during the performance of vital functions. It allows for an understanding of disease production mechanisms at the molecular, subcellular, cellular, tissue, and anatomical levels. It shows the effects these changes have on overall bodily function and the body's ability to compensate for these changes. It lays the foundation for the implementation of appropriate preventive and therapeutic measures for the relief or cure of various human ailments.

### The competencies to be developed in this module are:

- Understands metabolic processes and regulatory mechanisms that occur in the human body to maintain life, understanding their implications in disease states. This allows for the development of a critical and creative spirit in building new knowledge.
- Understands and relates normal bodily functions to their physicochemical foundations. This allows for the description of the functions of healthy human organ systems at different levels of organization and the integration processes that lead to homeostasis.
- Analyzes and relates the mechanisms of symptom and sign production to bodily functions based on adaptations and compensations in the genesis of diseases.
- Acquires knowledge about drugs used in the prevention and treatment of diseases in current medical practice. This stimulates students to update their knowledge through the search for information sources on the discovery of new drugs or new actions of those already known.



Tabla 9: Módulo 9: Fisiológico

Clave	Asignatura	Créditos
MED206	Bioquímica I	4
MED209	Bioquímica II	4
MED228	Fisiología I	4
MED229	Fisiología II	4
MED231	Fisiopatología I	4
MED233	Fisiopatología II	4
ASM203	Farmacología Y Terapéutica I	5
ASM204	Farmacología Y Terapéutica II	5
<b>TOTAL</b>		<b>34</b>

## Module 10: Preventive – Epidemiological

This module consists of six (6) subjects corresponding to the Basic Sciences Cycle (Pre-Clinical), with a total of twenty-four (24) credits. It develops basic knowledge of the interaction between the pathogenic elements of microorganisms and the response mechanisms developed by the human body.

Students will understand the various physiological defense mechanisms that make up the biological integrity of the body, including the identification and destruction of foreign elements, emphasizing nonspecific factors that contribute to this action.

It allows for the development of basic procedures for generating data, information, and knowledge aimed at the timely detection, characterization, confirmation, and control of outbreaks and epidemiological alerts in the population, according to the regional context.

### The competencies to be developed in this module are:

- Understands, identifies, and classifies microorganisms according to their origin, evolution, growth dynamics, and their interactive role with the immune system to acquire the necessary knowledge for the diagnosis, treatment, and prevention of diseases.
- Acquires theoretical and practical knowledge about the general aspects of the human immune response, which will be applied in the diagnostic and therapeutic processes of infectious and immunological diseases.
- Recognizes and explains the different pathological processes of how parasites affect the host, understanding the relationship between the prevalence of parasitism and environmental conditions, and their impact based on the socioeconomic and cultural level of the affected population.
- Identifies the principles, methods, and basic procedures of field epidemiological research for use in the development of contingency strategies and action plans for the control and elimination of epidemics.



Tabla 10: Módulo 10: Preventivo – Epidemiológico

Clave	Asignatura	Créditos
MED213	Microbiología I	4
MED217	Microbiología II	4
MED211	Parasitología	4
MED307	Inmunología	4
MED235	Epidemiología Y Medicina Preventiva	4
MED237	Salud Pública	4
<b>TOTAL</b>		<b>24</b>

## Module 11: Doctor-Patient Relationship

This module consists of three (3) subjects and two (2) laboratories corresponding to the Basic Sciences Cycle (Pre-Clinical) and the Clinical Sciences Cycle, with a total of thirteen (13) credits. In this module, students acquire the necessary competencies to practice medicine guided by the highest values and attitudes that contribute to the physical, social, and mental well-being of individuals.

They understand the importance of maintaining a professional relationship with their patients while observing their dignity and respecting their autonomy.

This module creates awareness of the need for continuous learning through updating and constant review, connecting students with science, its advances, and research. It establishes the foundation for developing and maintaining a medical attitude based on service, responsibility, efficiency, humility, and capacity.

### The competencies to be developed in this module are:

- Identifies the patient as a person with dignity deserving of respect to provide high-quality medical care in terms of diagnosis and treatment of illness.
- Understands the importance of a proper doctor-patient relationship for more accurate diagnoses, better patient understanding of their illness, and greater adherence to treatment.
- Acquires skills and strategies necessary for effective communication with patients to improve their care and practice medicine based on the highest values.
- Acquires and develops the ability to remember relevant information about clinical aspects to provide effective and efficient patient care.

Tabla 11: Módulo 11: Relación Médico-Paciente

Clave	Asignatura	Créditos
ASM301	Semiología Clínica Y Relación Médico Paciente	3
ASL301	Laboratorio De Semiología Clínica Y Relación Médico Paciente	2
ASM302	Semiología Quirúrgica	3
ASL302	Laboratorio De Semiología Quirúrgica	2
ASM339	Resiliencia Y Tanatología	3
<b>TOTAL</b>		<b>13</b>



# Module 12: Internal Medicine

This module consists of nineteen (19) subjects and fourteen (14) laboratory practices, totaling sixty-one (61) credits. In this module, students acquire the knowledge and develop the skills to provide comprehensive and scientific clinical care, integrating physiological, diagnostic, and therapeutic aspects with human considerations, through the appropriate use of available medical resources.

It involves the integrated management of all patient health problems and facilitates the integration of both theoretical and practical knowledge to be applied in primary care for pathologies related to all subspecialties of Internal Medicine.

It also promotes an understanding of the importance of comprehensive sexual education and sexual care at the primary healthcare level, contributing to the prevention and treatment of sexual issues, concerns, and disorders in the general population, with a focus on adolescents.

## The competencies to be developed in this module are:

- Recognizes alterations in the function of the human body, its organs, and its systems to develop an appropriate clinical diagnosis.
- Recognizes the clinical expression of the organic pathophysiology of the most common pathologies in various Internal Medicine subspecialties, in order to make appropriate diagnoses and therapeutic management at the primary care level.
- Identifies medical conditions requiring specialized care to make timely referrals and avoid the prolongation of critical cases.
- Applies the fundamentals of diagnostic methods, functional tests, imaging, and laboratory tests in human pathology to determine the best therapeutic options based on the patient's condition.
- Makes theoretical predictions about the progression of diseases to develop preventive measures that prevent the tendency towards chronicity and acute outbreaks of diseases
- Learns to provide preventive, educational, and health promotion guidance on sexuality in primary care.



Tabla 12: Módulo 12: Medicina Interna

Clave	Asignatura	Créditos
ASM303	Dermatología	2
ASL303	Laboratorio de Dermatología	1
ASM304	Nutrición	1
ASL304	Laboratorio de Nutrición	1
ASM308	Imagenología	1
ASL308	Laboratorio de Imagenología	1
ASM309	Infectología	2
ASL309	Laboratorio de Infectología	2
ASM316	Oncología	2
ASM322	Reumatología	2
ASL322	Laboratorio de Reumatología	1
ASM323	Psiquiatría	3
ASL323	Laboratorio de Psiquiatría	1
ASM324	Gastroenterología	3
ASL324	Laboratorio de Gastroenterología	1
ASM325	Neurología	4
ASL325	Laboratorio de Neurología	1
ASM329	Cardiología	3
ASL329	Laboratorio de Cardiología	2
ASM333	Endocrinología	3
ASL333	Laboratorio de Endocrinología	2
ASM305	Hematología	1
ASL305	Laboratorio de Hematología	1
ASM306	Neumología	3
ASL306	Laboratorio de Neumología	1
ASM327	Nefrología	3
ASL327	Laboratorio de Nefrología	1
ASM343	Sexualidad en Atención Primaria	4
ASM345	Medicina Familiar	2
ASM344	Emergenciología	1
ASL344	Laboratorio de Emergenciología	1
ASM341	Geriatría	2
	Electiva de Medicina III	2
	<b>TOTAL</b>	<b>61</b>



# Module 13: Pediatrics

This module consists of five (5) subjects and five (5) laboratory practices, totaling fifteen (15) credits. It provides the necessary knowledge to evaluate children chronologically from birth to adolescence. It details normal and abnormal child development at various stages, incorporating the characteristics of child morbidity in the Dominican Republic, including prenatal, perinatal, and infant mortality.

It acquires the knowledge and skills to understand and treat a wide range of childhood illnesses, from mild to severe.

## The competencies to be developed in this module are:

- Recognizes the factors influencing the emergence of the most common pathologies in pediatric age to make more accurate diagnoses.
- Identifies the relationship between the environment and health and disease to develop preventive measures in the local context to reduce the incidence and prevalence of diseases.
- Understands the impact of emerging and re-emerging pathologies in the neonatal period to improve perinatal health and contribute to the reduction of causes of neonatal mortality and morbidity.
- Identifies and analyzes the causes of morbidity and mortality in neonates to develop actions that promote preventability.
- Analyzes the characteristics of human growth and development, identifying factors that can modify it to explain deviations that may occur

Tabla 13: Módulo 13: Pediatría

Clave	Asignatura	Créditos
ASM310	Patología General Pediátrica	2
ASL310	Laboratorio de Patología General Pediátrica	1
ASM311	Patología Pediátrica Infecciosa	2
ASL311	Laboratorio Patología Pediátrica Infecciosa	1
ASM314	Terapéutica y Emergencia Pediátrica	2
ASL314	Laboratorio de Terapéutica y Emergencia Pediátrica	1
ASM312	Perinatología	2
ASL312	Laboratorio de Perinatología	1
ASM313	Crecimiento y Desarrollo	2
ASL313	Laboratorio de Crecimiento y Desarrollo	1
TOTAL		15





# Module 14: Obstetrics & Gynecology

This module consists of five (5) subjects and five (5) practical laboratory sessions, totaling twenty (20) credits. It aims to provide basic knowledge of the physiology and pathology of human reproduction, from the morphological structure of the female reproductive system to the study of facts, concepts, methods, and procedures used to understand the physiological and pathological changes in the female body during pregnancy and non-pregnancy.

It emphasizes a mission of medical practice focused on prevention, understanding, and highlighting the importance of family planning to reduce the incidence of unwanted pregnancies.

It develops the capacity to identify and understand national needs and factors influencing mortality rates and the increasing trend of adolescent pregnancies, with the intention that students may be involved in creating specific strategies to reduce these trends.

## The competencies to be developed in this module are:

- Identifies the structures of the reproductive system and their development.
- Develops the technical skillset for conducting appropriate gynecological and obstetric clinical assessments.
- Develops skills and proficiency in managing and treating gynecological and obstetrical conditions, both medical and surgical, classified as urgencies and emergencies.
- Investigates and analyzes factors influencing maternal and child mortality and adolescent pregnancy.
- Learns to provide preventive, educational, and health promotion guidance on sexuality in primary care.

Tabla 14: Módulo 14: Ginecología y Obstetricia

Clave	Asignatura	Créditos
ASM317	Reproducción Humana	2
ASL317	Laboratorio Reproducción Humana	2
ASM318	Patología Ginecobstetricia	2
ASL318	Laboratorio Patología Ginecobstetricia	2
ASM319	Patología Ginecológica	2
ASL319	Laboratorio Patología Ginecológica	2
ASM320	Patología Obstétrica	2
ASL320	Laboratorio Patología Obstétrica	2
ASM321	Demografía y Fertilidad	2
ASL321	Laboratorio Demografía y Fertilidad	2
TOTAL		20



## Module 15: Surgery

This module consists of seven (7) subjects and seven (7) practical laboratory sessions, totaling twenty-five (25) credits.

Through this module, medical students will gain basic knowledge of various surgical specialties. It covers relevant content and concepts from surgical semiology to the general pathology of each surgical specialty.

Upon completing this module, students will be able to recognize most surgical pathologies, employ commonly used diagnostic methods, address frequent complications, utilize conventional surgical therapies, and apply minimally invasive techniques

### The competencies to be developed in this module are:

- Integrates diagnoses of surgical diseases to acquire skills and abilities to treat pathological lesions in this field.
- Acquires, through theoretical and practical teaching, the techniques used in minor surgery to apply them in traditional surgical areas.
- Develops critical judgment to understand the opportune or appropriate time for surgical intervention or surgeon involvement in patient evaluation and follow-up.
- Reviews basic anatomical and physiological concepts to understand surgical techniques specific to the area in question.
- Acquires adequate knowledge about the body's natural response to surgical injury to understand and respond to such changes.

Tabla 15: Módulo 15: Quirúrgico

Clave	Asignatura	Créditos
ASM307	Patología Quirúrgica General I	3
ASL307	Laboratorio de Patología Quirúrgica I	1
ASM315	Patología Quirúrgica General II	3
ASL315	Laboratorio de Patología Quirúrgica II	1
ASM330	Otorrinolaringología	2
ASL330	Laboratorio de Otorrinolaringología	1
ASM331	Oftalmología	2
ASL331	Laboratorio de Oftalmología	1
ASM332	Anestesiología	2
ASL332	Laboratorio de Anestesiología	1
ASM328	Urología	3
ASL328	Laboratorio de Urología	1
ASM326	Traumatología y Ortopedia	3
ASL326	Laboratorio de Traumatología y Ortopedia	1
TOTAL		25



## Module 16: Seminars

This module consists of four (4) seminars with a total of zero (0) credits, which are conducted during the basic and clinical sciences cycles.

This module aims to complement the general medical education with additional and increasingly important areas of study at the undergraduate level.

### The competencies to be developed in this module are:

- Acquires training in airway management, cardiopulmonary resuscitation, and external defibrillation to assist with cardiopulmonary arrest both in intra and extrahospital settings.
- Integrates various stakeholders involved in the chain of survival to reduce mortality and the sequelae resulting from cardiac arrests.
- Learns to work as a group to optimize outcomes during a cardiac arrest.

*Tabla 16: Módulo16: Seminarios*

Clave	Asignatura	Créditos
ASM208	Seminario de Soporte de Vida Básico	0
ASM349	Seminario de Soporte de Vida Avanzado	0
ASM350	Seminario de Patología Clínica	0
ASM351	Seminario de Soporte de Vida para el Paciente Politraumatizado	0
TOTAL		0



# Module 17: Clerkship

This module consists of six (6) clerkships, totaling sixty-two (62) credits. It represents the completion of the future healthcare professional's training through rotations in major clinical-surgical areas.

During these rotations, students engage in intensive practical training focused on solving specific cases and acquiring skills for effective professional performance.

## The competencies to be developed in this module are:

- Integrates the knowledge acquired in addressing social and health problems in rural and marginalized communities, thereby practicing service to the country.
- Understands the health and social characteristics of children in the Dominican Republic to make an impact on national morbidity and mortality reduction.
- Develops appropriate clinical and surgical skills in the field of Obstetrics & Gynecology, encompassing concepts, methods, and procedures related to the study of the female body.
- Gains the necessary knowledge for identifying various signs and symptoms of the psychoneurological system.
- Understands the theoretical and practical aspects of clinical-surgical areas to achieve a holistic perception of problems in both areas.

Tabla 17: Módulo 17: Internado

Clave	Asignatura	Créditos
ASM334	Internado de Medicina Social o Pasantía Rural Urbana	14
MED345	Internado Medicina Interna	13
ASM335	Internado Cirugía	11
MED349	Internado Psiquiatría	6
ASM336	Internado Pediatría	9
ASM337	Internado Ginecobstetricia	9
TOTAL		62

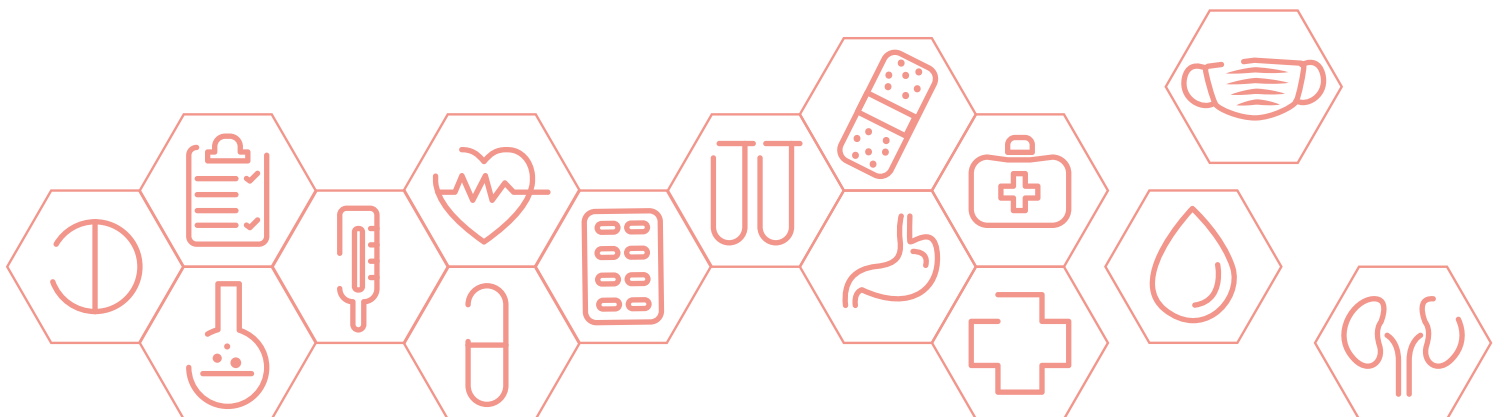


# To apply for the **Medicine program at INTEC**

Through a committee comprising the Admissions Unit and the Health Sciences Area, candidates who meet the requirements established in the Admissions Regulations are selected. These requirements include completing secondary education, taking admission tests, participating in group interviews and/or specific tests if required by the program, and submitting the necessary documents to the university. Applicants whose average grade is below 70 points or its equivalent will not be considered.

**To initiate the admission process at INTEC, you must complete the Application for Evaluation Form through INTEC's website.**

After completing it, credentials will be sent electronically, and candidates can schedule an appointment to submit the admission requirements, specifying the relevant dates to complete the process.



The documents to be submitted by applicants are determined by the type of candidate, nationality, and the origin of previous studies. For new entry candidates, the following documents are required: Dominican new entry student:

## New admission for Dominican Students:

<b>a</b> Admission application form (Online) <a href="https://admisiones.intec.edu.do/">https://admisiones.intec.edu.do/</a> .	<b>b</b> Photocopy of the national identity card.	<b>c</b> Official certification of completion of secondary education, issued by the Ministry of Education of the Dominican Republic (MINERD).	<b>d</b> Original high school transcript issued by the corresponding educational institution.
<b>e</b> Medical certificate for academic purposes.	<b>f</b> Two front-facing photos, size 2 x 2 inches (medicine students require three photos).	<b>g</b> Original certified and legalized birth certificate.	<b>h</b> Payment of admission fee (non-refundable).
<b>i</b> Payment and registration for the academic aptitude test (PAA).	<b>j</b> Registration for group interview (medicine, psychology, 2+2, and 3+2 programs).	<b>k</b> Photocopy of the vaccination record (medicine students).	<b>l</b> Payment and registration for the ELASH test (diagnostic test to assess English proficiency).

## Assesment:

After submitting the required documents, the applicant proceeds to take the admission test (Academic Aptitude Test (PAA) and College Board of Puerto Rico).

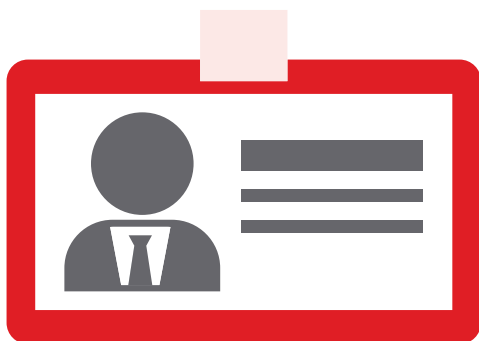
## ACCEPTANCE:

The Admissions Committee will review and weigh all records; committee members cast their vote and sign the admission application form, validating the decision made. In the Admissions Committee Record, each member makes a decision (admitted, second PAA, Not Admitted to the Program, Not Admitted to INTEC).

The Admissions Department updates the decision in the system. The admission status is updated in the admissions system, and the candidate can access it using a username or ID and a password, allowing them to track their progress during the admissions process.

Accepted students are informed of their admission to INTEC via email. In the case of non-admitted students or those requiring a second PAA, the Admissions Unit informs them individually of their situation and provides the necessary steps.

## ENROLLMENT:



The IDs of admitted students are transferred to the Registration Department to activate their status as university students.

After being duly admitted, students participate in an orientation process to get to know the campus and select their courses.





# Financial Information

**The medical program has an annual cost of approximately RD\$1,874,535.00. INTEC provides financial information for enrolling in the program, offering various options, including different educational loans, federal loans, and scholarships:**

- An educational financing mechanism that enables young individuals to pursue their undergraduate and postgraduate studies with a payment system tailored to their capabilities during the study period. The institutions that provide educational loans at INTEC typically include FONDESA, INTEC-BHD Educational Credit, Banco ADEMI, FUNDAPEC, and Banco Popular.
- To assist in covering the cost of your education, the Instituto Tecnológico de Santo Domingo (INTEC) participates in the Federal Student Loan Program of the U.S. Department of Education, offering subsidized and unsubsidized Stafford loans

This financial aid is intended for students with U.S. citizenship or residency who are enrolled at least half-time (6 credits). The aid helps cover educational expenses, including tuition and accommodation fees, books, supplies, and transportation, according to their needs.

#### **TYPES OF FEDERAL LOANS INCLUDE SUBSIDIZED LOANS, UNSUBSIDIZED LOANS, AND PLUS LOANS**

- The Instituto Tecnológico de Santo Domingo (INTEC): INTEC offers several scholarship modalities for students, including PIES scholarships, specialized scholarships, and scholarships from public and private entities:

#### **PIES SCHOLARSHIP**

Each year, since 1987, INTEC announces the call for applications for the Program of Scholarships for Outstanding INTEC Students (PIES), our main institutional program supporting academic excellence. The application period closes between March and April. Interested students should apply directly to INTEC or through their educational institution for nomination.

#### **SCHOLARSHIPS FROM AFFILIATED ENTITIES**

These are provided by state institutions, non-governmental organizations, and companies to students interested in pursuing their studies at our university. Applications for these scholarships are made directly through the managing entity. Examples include the Fundación Brugal para la Educación, which offers scholarships to promote academic excellence in priority areas for the country's development at the undergraduate and postgraduate levels.

#### **TU FUTURO SCHOLARSHIP PROGRAM**

These scholarships are currently managed through the "BECA TU FUTURO" unified scholarship management portal, which combines national and international student scholarship management by the JUVENTUD and MESCYT. Students interested in receiving scholarships from these entities should apply via the portal at <https://becas.gob.do/>.



# Discounts

INTEC offers multiple discount options for students in three categories:

## FOR EARLY PAYMENT

During  
the first  
week a

5%

discount

is available if payment  
for 100% of selected  
courses on the  
specified date.

Automatically applied based on a predefined scale  
and effective from the third trimester. This discount  
is applied to the total amount of credits:

## FOR ACADEMIC INDEX

From 3.80 a 3.89

5% discount

From 3.90 to 4.00

10% discount

## ALUMNI DISCOUNT

Graduates of undergraduate,  
postgraduate and master's  
programs

15%  
discount



# Payment Methods

Various payment methods are available at INTEC:

**MAIN CASHIER, LOS FUNDADORES.**  
**Located in the Los Fundadores Building.**



Monday to Saturday



8:00 am to 8:00 pm (Mon-Fri)  
8:00 am to 12:00 pm (Sat)

## Online Payment with Banco BHD

Web payments: <https://pagoweb.intec.edu.do/>

Note: You will need your student ID and PIN to access the academic system for online payments.

## Payment via Transfer Process:

Make the transfer of the specified amounts to one of our bank accounts, detailed below:

[Additional bank account details may be provided if needed.]

This information is accurate as of the date of the document and may be subject to change. Please verify with INTEC for the most up-to-date information.

**Banco Popular  
Dominicano**

701-858-342

**Banco BHD**

0000998-002-4

**BanReservas**

160-100362-2

Note: Your full name, ID, and ID number should always be included in the transaction message.

Send the transaction voucher (Voucher) to the email [service@intec.edu.do](mailto:service@intec.edu.do) / [tesoreria@intec.edu.do](mailto:tesoreria@intec.edu.do) along with your name, ID (student enrollment number), and ID number.

## Account Holder

Instituto Tecnológico de Santo Domingo (INTEC),  
RNC 401-024381

Scan to learn more



Financial  
information



Fees

# Late Fees or Surcharges

Starting from the second week:

**10% surcharge**

Starting from the fifth week:

**20% surcharge**

Starting from the ninth week:

**20% surcharge**

Any student who has not settled the debt by the respective due date will be subject to the surcharge as established)

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## Sections to be fulfilled in the curriculum

The 06 curriculum of the medical program is designed to comply with the Standards for Approval and Regulation of Medical Schools in the Dominican Republic by the Ministry of Higher Education, Science, and Technology (MESCyT) approved in 2012.

### Criteria to be met include:

#### **Before starting the Basic Sciences Cycle (Pre-Clinical):**

Having passed all subjects in the Pre-Medical Cycle (from trimester No. 1 to trimester No. 6) and having obtained a General Index of 2.50 or higher. Additionally, having completed one environmental elective subject and four elective subjects from academic areas.

#### **Before starting the Clinical Sciences Cycle [Pre-Clerkship]:**

Passing all subjects in the Basic Sciences Cycle (From trimester No. 7 to trimester No. 11), taking the Basic Sciences Proficiency Exam (Basic Sciences Proficiency Test), completing two elective subjects (4 credits) from the Health Sciences Area, and six credits corresponding to Elective subjects in Specialized Studies (Open and disciplinary Electives).

#### **Before starting the Clinical Sciences Cycle [Clerkship]:**

Having passed all subjects in the Clinical Sciences-Pre-Clerkship Cycle (from trimester No. 12 to trimester No. 17), having passed ten credits corresponding to Elective subjects (Open and disciplinary Electives), completing 70 hours of Continuing Education, and four seminars.

# Vaccinations

Students must have up-to-date vaccinations and submit or send a copy of their vaccination record to the Area of Health Sciences before the start of the 11th trimester. The required vaccinations include:

- Tuberculosis
- Hepatitis B
- Hepatitis A
- Tetanus, Diphtheria, and Pertussis (Td/Tdap)
- Measles, Mumps, and Rubella (MMR)
- Varicella
- Influenza
- COVID-19



Free vaccinations are provided to students of the Medical Program at the Primary Care Center Dra. Evangelina Rodríguez, located in the building bearing that name.



## Seminars

Seminars are curricular support courses for medical program students designed to develop skills and/or deepen knowledge in specific areas of medicine. Students must take a minimum of 4 seminars during their academic career.

Each seminar is worth 2 credits but is not included in the total program credits and is a graduation requirement.

Availability of seminars may vary by trimester or academic year. Currently, the available seminars are:

- Electrocardiography
- Vascular Surgery
- Toxicology
- Humanization of Health Services
- Physical Medicine and Rehabilitation

## Continuing Education

During the medical program, students must complete 70 hours of Continuing Education by participating in academic activities such as lectures, conferences, congresses, forums, or symposiums. The Area of Health Sciences, in collaboration with various student groups, organizes numerous activities of this nature for the benefit of student training.





# Graduate Profile

This professional has an advanced understanding of key concepts for detecting and managing the main causes of death at both local and global levels. They acquire and demonstrate the ability to make decisions and, as a result, make timely referrals in more significant situations. Additionally, they are capable of utilizing scientific and technological tools, such as specialized health databases, up-to-date diagnostic methods, and research strategies.

The Instituto Tecnológico de Santo Domingo (INTEC) educates professionals in medicine with the sensitivity and sufficient knowledge for the understanding, prevention, resolution, and management of health issues, both individual and collective, in their physical, psychological, and social dimensions. This allows them to enter the Dominican and international labor market.



# Graduation Requirements

1

The student must pass the Basic Sciences Proficiency Exam and has three opportunities during their study period to do so.

2

The student must complete four seminars from the Health Sciences Area during their study period, choosing four from the available seminars.

3

The student must complete 70 hours of Continuing Education during their study period, participating in conferences, lectures, congresses, and forums. They must also collect attendance certificates and keep a record of the hours completed, which will be presented to the Area of Health Sciences for certification to the Registration Department.

4

Students who have chosen to take the USMLE Step 1 Preparation Course must have taken and passed the USMLE Step 1 exam. Restrictions apply.

5

Upon completing the Rotating Clerkship cycle, the student must take the Performance Competency Exam in the Medicine program. This exam will not be scored and will be used as an assessment of acquired competencies







# Get to know the Campus

INTEC is located at Avenida De Los Próceres #49, in the Los Jardines del Norte neighborhood of Santo Domingo, Distrito Nacional, in the vicinity of the Jardín Botánico. It boasts a total of 61 air-conditioned classrooms and 43 laboratories, spread across 8 of its 12 buildings:

## **Ana Mercedes Henríquez Building (AH)**

This building houses the Health Sciences Area and spans 5 levels, accommodating classrooms, laboratories, and student spaces.

Designed to provide education services with the latest technological advancements and comfort for the student community, it features a 58-seat projection room, a 58-seat seminar room, 9 classrooms, student lounges, faculty lounges, 9 clinical laboratories, a spacious Clinical Simulation Laboratory with a training room and emergency laboratory, a computer lab, and 4 meeting rooms.

This building ensures that each laboratory has its dedicated space for delivering practice sessions with all the necessary elements for efficient teaching.

## **Arturo Jimenes Sabater Building (AJ)**

It comprises 8 classrooms, the Planning and Quality Directorate, and the Communications Directorate.

## **De Ramón Picazo Building (DP)**

This building houses Librintec, a Video Conferencing Room, and 8 classrooms.

## **Eduardo Latorre Building (EL)**

With 11 classrooms, it houses the Office of Research and Engagement.

## **Ercilia Pepín I Building (EP I)**

It includes 2 classrooms, Registration, Admissions, Cashier\*, Student Services Directorate, Student Lounge (DOMO), Extracurricular Activities, Manufacturing Laboratory, International Language Center, and Ping Pong facilities.

## **Ercilia Pepín II Building (EP II)**

This building is home to the Department of Curriculum Development and Faculty Development, Student Mobility, Entrepreneurship, and Administrative Services.

## **Evangelina Rodríguez Building (ER)**

It features 4 classrooms, the Evangelina Rodríguez Primary Care Unit, a Pharmacy, and a Clinical Laboratory.

## **Oswaldo García de la Concha Building (GC)**

This building includes 19 classrooms, the Oswaldo García de la Concha Auditorium, a Copy Room, academic areas for engineering and business, and the panalito\*\*\*

## **Emilio Rodríguez Demorizi Library Building**

Inside this building, you can find the Julio Ravelo de la Fuente Room, the Information Technology Department, and the Learning Resources Directorate.

## **Fernando Defilló Building (FD)**

It houses technical laboratories for HASS, Mechanics, Hydraulics, Chemistry, Biology, Physics, Electronics, and Communications, as well as a computer laboratory.

## **Pedro Bonó Building (PB):**

This building accommodates academic areas for social sciences, humanities, and basic and environmental sciences, as well as classrooms and laboratories for the logistics program, the INTEC Dental Clinic, the INTEC Psychosocial Care Center (CAPS-INTEC).

## **Founders Building and Annex:**

This section comprises the Office of the Rector, the Academic Vice-Rectorate, the Administrative and Finance Vice-Rectorate, Treasury, Information, Cashier, the Department of Personnel Management, the Marketing Directorate, Financial Assistance, Scholarships and Credits, the Directorate of Interinstitutional Relations, the Directorate of Diversified Business, the Gender Center-INTEC, and laboratories, the INTEC Cooperative, and the Procurement Department.



# Medical Simulation

Simulation in Medical Education has undergone significant worldwide development; it has become a tool through which the acquisition of clinical skills is promoted prior to real patient contact and enhances patient safety by conducting systematic skill practices to reduce the possibility of errors or complications during procedures.

With the publication of the National Health Quality Policy, there is a greater commitment to managing health education that respects and encourages the adoption of strategies that enhance the role of each of the actors in the healthcare sector in favor of patient safety.

INTEC University is interested in and has a social commitment to integrate General Physicians into Dominican society who not only have fundamental knowledge but are also capable of demonstrating their clinical skills to preserve, improve, recover, relieve, and rehabilitate health using scientific and technological criteria, along with values and attitudes that contribute to the well-being of individuals and the community. The Simulation Laboratory is a space that allows the development of the necessary medical skills before contact with patients in hospital areas, as well as promoting the maintenance of practical skills throughout the career.

The Medical Simulation Laboratory of the Instituto Tecnológico de Santo Domingo, located in the Ana Mercedes Henríquez building, was constructed in the early 2010s and renovated in 2016. It serves the development of academic and simulated practical activities for INTEC medical students. It is configured as follows:

- Reception area and laboratory coordinator's office.
- Meeting and debriefing space.
- Four cubicles for teaching equipped with computers and medium to low-fidelity manikins.
- Spacious main classroom with a projector for theoretical classes and workshops.
- Simulated emergency room.
- 2 highly equipped simulated consulting rooms.
- Space for supervision and direction of simulations in each cubicle.
- Control room.
- Waiting area between cubicles.
- Surround sound system.





### **The Sim Lab**

adheres to international health simulation standards, as well as the norms of FLASIC, SSIH, the American Heart Association, and ITLS, which stipulate the need for manikins and equipment that allow realism in simulations and feedback in all practices.





# Rest & Recreation

These are of great significance for the academic and personal development of our students. They include: the main campus square, various spaces across the campus, the small forested area, the student dome of the Ercilia Pepín I building, and the student dome of the Ana Mercedes Henríquez building (medical students).





# Student Services

It makes significant contributions to enhance the well-being of the university community, creating services starting from student admissions, establishing diverse and innovative spaces, activities, and processes that integrate and keep them emotionally and cognitively engaged, with the goal of achieving their academic pursuits and a balanced life.

## Among its objectives are:

Continuously improving processes, using technology to make them more efficient and effective, and providing better service to our clients; strengthening synergies with students to achieve a multidisciplinary balance between their academic role and emotional well-being, and implementing a comprehensive wellness program.

This department comprises the Admissions Unit, the Student Development Unit, and the University Life Unit.

# Library Emilio Rodríguez Demorizi

Since its establishment in 1972, the Instituto Tecnológico de Santo Domingo (INTEC) has incorporated the Library as an essential component of the academic infrastructure in service of its values, purposes, objectives, and areas of action. Its mission and functions demand it to act as an entity that collects, processes, transfers, and manages information resources aimed at satisfying the demands of teaching, research, and engagement.

The resources and services offered by the Library are available to users distributed across three levels:

- **On the 1st level:** Administration; Units for Technical Processing, Restoration, and Cubicles; Professor Julio Ravelo de la Fuente Room.

- **On the 2nd level:** Lobby, where the Online Catalog is located; Circulation and Loan Counter; Repository for the General Collection of Reserves and General Pamphlets; Reference Room; Individual Reading Room; Display cases for thematic exhibitions of books and magazines; screens displaying the latest updates from the Library; Photocopier Service; Professors' Room; Public Services Department; Cubicles for Master's students.
- **On the 3rd level:** Reading Area; Circulation and Loan Counter; Repository for the Hemeroteca Collection, Dominican Collection, Theses, and Dominican Pamphlets; Individual Reading Room; Group Study Room; Cubicles; and Informational Training Center.





## OPERATING HOURS

Monday to Friday:  
In- Person: 8:00 AM - 8:00 PM  
Virtual: 24 Hours

Saturdays:  
In- Person: 8:00 AM - 12:00 PM  
Virtual: 24 Hours

Sundays:  
Virtual: 24 Hours

# Disciplinary and Multidisciplinary Databases



ClinicalKey®



WORLD FEDERATION FOR  
MEDICAL EDUCATION



Scopus



JSTOR



BiblioTechnia  
LIBROS ELECTRÓNICOS EN ESPAÑOL

EBSCO

# Healthcare Services

The Instituto Tecnológico de Santo Domingo (INTEC) has a Primary Care Center, Dr. Evangelina Rodríguez, located on its campus. It is a first-level center in the Dominican Health System that provides medical services to the Jardines del Norte and Los Ríos communities, as well as to the university itself. The services offered include general medicine, family medicine, pediatrics, Obstetrics & Gynecology, family planning, and vaccination. The outpatient clinic services are available to INTEC students and staff from 8:00 AM to 10:00 PM on weekdays and from 8:00 AM to 12:00 PM on Saturdays.

Among its range of services, the center offers programs in reproductive health, support for tuberculosis patients, vaccination programs, and family planning. This center is part of the National Health System and the Ministry of Public Health. It has a pharmacy with low-cost medications and a clinical laboratory.

It serves as a hub for students and professors to conduct research activities, preventive medicine and public health campaigns, vaccination drives, and community outreach programs with guidance from subject matter advisors.





# INTEC 711 and Safety



INTEC has the INTEC 711 Emergency Plan, which includes strengthening the monitoring and surveillance system, expanding medical care services, and establishing an internal emergency hotline. As part of the safety platform, the university has launched the website [711.intec.edu.do](http://711.intec.edu.do), which provides videos and educational materials to guide the entire community on how to respond to emergency situations such as hurricanes, fires, earthquakes, and personal security threats.

Regarding individual safety, INTEC has reinforced its monitoring and surveillance systems by establishing a Security and Emergency Monitoring Control Center (CECOM), equipped with a specialized Closed Caption Television (CCTV) system to monitor all campus areas. This ensures that any abnormal situation can be immediately addressed by security personnel. Additionally, emergency medical services have been strengthened with the hiring of a 24/7 ambulance service and the expansion of equipment and hours at the Dr. Evangelina Rodríguez Primary Care Center, located on the university campus.

The Vice-Rectorate of Administration and Finance welcomes all individuals with a calling and a desire to help to join its teams.

## Health Insurance

INTEC offers its students the option to obtain health insurance through the Student Services Directorate (DSE). In collaboration with “Seguros Universal,” students have access to a comprehensive insurance plan, with the cost added to their quarterly enrollment fees. Furthermore, INTEC provides its students with a risk insurance plan that covers minor injuries that occur on campus.

# DISTRIBUCIÓN DE ESTACIONAMIENTOS

intec



## Transportation and parking

The university is located in the Northwest area of the Distrito Nacional, Santo Domingo province, at the intersection of Avenida Los Próceres and República de Colombia.

Several local transportation routes pass through Avenida Los Próceres, with Route 37 connecting to Avenida John F. Kennedy, where the Metro is located. The closest Metro station to INTEC is Francisco G. Billini, situated at the intersection of Avenida Dr. Defilló and John F. Kennedy Avenue.





# Food Services

The Food Court is a food service unit whose objective is to provide fast food services to meet the needs of the INTEC community and the general public. Among the strategic suppliers are: “El Panalito” Cafeteria, SAG Café & Alveare Cafeteria.

“El Panalito” Cafeteria, located in the Food Court on the 1st floor of the Eduardo Latorre Building (EL), offers snacks, natural and soft drinks, a diverse menu of international fast food, and a daily local dish (buffet style).

These businesses operate from Monday to Friday, from 9:00 AM to 9:00 PM, and on Saturdays from 9:00 AM to 1:00 PM.

Around the campus, mainly on Crisantemos Street, there are various fast food and local food establishments. In front of the university, you can find the Bravo Supermarket



# Housing

For students who wish to do so, we provide contacts for real estate agents who offer various accommodation options near the university, as our campus does not have university housing.

# PrintINTEC

It is a sales unit or store whose objective is the marketing of university materials, promotional items, electronic equipment, and accessories to the INTEC community and the general public, facilitating the acquisition of products at affordable prices.

Among the items available for sale are: university materials, books, electronic equipment, accessories, and edible products.

They operate from Monday to Friday, from 8:00 AM to 8:00 PM, and on Saturdays from 9:00 AM to 1:00 PM.



# LibrINTEC

It is a service unit with the objective of providing photocopying, printing, and binding services to both the INTEC community and the general public, with a focus on ensuring the quality of the printed materials.

They offer a range of services, including color and black-and-white photocopying, color and black-and-white printing, binding, reproduction of teaching and student materials, lamination, and the printing of manuals, brochures, and more.

Operating hours are from 8:00 AM to 8:00 PM, Monday through Friday, and from 9:00 AM to 1:00 PM on Saturday.

# Centers

- **INTEC Center for Bioethics (CENINBIO):** This entity falls under the Health Area and its mission is to collaborate in the development of moral thinking and practice in the activities of individuals and institutions linked to life.
- **Health Services Unit (UNSSA):** This unit was created to support research initiatives, training, and action projects in health. It operates in conjunction with CENINBIO. Since its inception, it has supported projects such as the promotion and prevention of AIDS among health promoters, a training program on the syndromic and etiological management of sexually transmitted infections, and collaborations with the Metropolitan Transport Authority and the National Bioethics Commission for the training of traffic agents.
- **Center for Gender Studies (CEG):** This specialized entity within the Area of Social Sciences and Humanities seeks to drive cultural, political, and social transformations through the production of knowledge, contributing to the consolidation of a national gender agenda and the development of leadership committed to reducing gender-based hierarchies. It is dedicated to higher education, research, and policy advocacy from a gender perspective.
- **Center for Educational Studies (CEED):** CEED is a research, training, and innovation center affiliated with the Area of Social Sciences and Humanities. It coordinates educational programs and projects targeting various stakeholders in the education sector to influence the quality of education in the Dominican Republic. CEED|INTEC consists of two main units: the Programs and Innovation

Projects Unit, which manages ongoing programs and incubates and validates innovative educational models.

- **Environmental Management Center (CEGA):** CEGA is an innovative and complementary center at INTEC created to contribute to the development of the national environmental sector through training, research, service provision, and consultancy to various productive and community sectors. Its goal is to improve environmental quality and the quality of life for Dominicans.
- **Center for Government, Business, and Society (CEGES):** This specialized space coordinates initiatives related to Democratic Institutions, Civil Society, and public policies. It represents the continuation of the institutional decision to support society and various actors in the consolidation and development of democracy. In the face of these challenges, collective actions are sought in a collaborative context, ranging from public policies and public management that involves actors beyond the State to civil society and business sector initiatives addressing collective problems. This is the main objective of CEGES.
- **Center for Entrepreneurship and Innovation (CEI):** This office is responsible for training individuals in the creation of innovative products and services that add value to society and the economy.
- **International Language Center (CII):** CII was created with the purpose of promoting and fostering knowledge of foreign languages for anyone interested in enhancing their professional and employment competencies, which is a necessity in our society. It offers

courses in General and Specialized English, Spanish for foreigners, Modern Mandarin, General Creole, General Portuguese, and General French (in collaboration with the Alliance Française of Santo Domingo and the Paris Chamber of Commerce).

**CII also provides other services:**

- Legal and non-legal document translation
- On-site and virtual simultaneous interpretation
- Private lessons
- Training for international tests such as ELASH, TOE, LF, ELTS, and TOEIC
- **Center for Innovation in Higher Education (CINNES):** CINNES is a center that harmoniously integrates innovation, information, and technology in response to the demands of social commitment, quality, and effectiveness in the work of Dominican higher education institutions.
- **Psychosocial Care Center (CAPS):** CAPS is a space dedicated to promoting mental health and emotional well-being, focusing on the prevention and comprehensive care of mental and psychosocial problems from a clinical-community perspective.

The services offered range from psychological first aid, crisis intervention, individual, couple, family, and group psychotherapy, promotion of cognitive and socio-emotional health, preventive psychology and collective interventions, to counseling in health and psychosocial recovery, as well as psychoeducation for the community.

- **Plastics Training and Research Center (CCIP):** CCIP is a knowledge space conceived through the triple helix alliance between academia, the government, and the industry, with the aim of strengthening human capital, innovation, technological development, and sustainability in the plastic sector. It offers specialized training, specialized training, laboratory services, consultancy, research services, and development and design services.

## Electives y Extracurriculares (Cocurriculares)

The University Life Unit of the Student Services Directorate (DSE) focuses on promoting, deploying, and directing cultural, artistic, and sports programs that contribute to the integral development of students. It aims to project and gain recognition for INTEC's formal groups within the Dominican community, fostering participation and exchange while managing services for students.

It operates through two main avenues: sports and arts & culture.

In the realm of sports, the unit offers basketball, table tennis, swimming, baseball, combat sports, volleyball, chess, futsal, and tennis.

In the world of arts and culture, various activities are offered, including dance, chamber choir, projection theater, customized workshops (such as lettering, origami, theater, dance, vocal education, visual arts), social dance workshops (such as merengue and salsa), axioma (literature contest), and university clubs.

## Student Participation

- **Committee of Medical Students (CEMED):** An organization formed by medical students at the Instituto Tecnológico de Santo Domingo (INTEC) elected as representatives of medical students to contribute to the joint development of the program and its students. They serve as the primary link between the student population and the Health Sciences Area.
- **Emergency Medical Interest Group (EMIG):** This student interest group is aimed at those interested in emergency medicine and urgent care. It organizes activities for the development of skills and knowledge in these areas

 cemed.intec  
 @cemed.intec  
 cemedintecrd@gmail.com

- **American Medical Student Association (AMSA) – INTEC Chapter:** This is the American organization of medical students whose purpose is to advocate for the well-being of medical students. The AMSA INTEC Chapter is part of the National AMSA of the United States and provides all the benefits, training, and offerings of AMSA to this Dominican organization.

 Amsa Intec  
 @amsaintec  
 amsaintec@gmail.com  
 <https://www.amsaintec.com/>

 emig.intec  
 @demigintec  
 emigintec@gmail.com

- **BioINTEC:** This team consists of more advanced students in the program who previously conducted the BioINTEC project, which involves student scientific research on health-related topics during the last two trimesters of the pre-medical cycle

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# Achievements

The INTEC Medicine program is nationally accredited by the Ministry of Higher Education, Science, and Technology (MESCyT). Internationally, it is accredited by the World Federation for Medical Education via the CAAM-HP Accreditation Agency. It is also listed among the universities affiliated with the Foundation for Advancement of International Medical Education and Research (FAIMER), which promotes excellence in international health professional education through programmatic activities and research aligned with the Educational Commission for Foreign Medical Graduates (ECFMG), the U.S.-based organization responsible for handling applications for medical licensure exams in the United States (USMLE).

The School of Medicine within the Health Sciences Area is recognized by the Medical Board of California, allowing for the application to medical specialties and the practice of medicine in the state of California (since March 11, 1997).

# Memberships

- Asociación Dominicana de Facultades y Escuelas de Medicina (ADOFEM)
- Asociación Latinoamericana y del Caribe de Facultades y Escuelas de Medicina (ALAFEM)
- Asociación Internacional de Educación para Profesiones de la Salud (An International Association for Health Professions Education – AMEE)
- Federación Panamericana de Asociaciones de Facultades y Escuelas de Medicina (FEPAFEM)
- Federación Latinoamericana y del Caribe de Instituciones de Bioética (FELAIBE)
- Asociación Latinoamericana de Simulación Clínica (ALASIC)
- Federación Latinoamericana de Simulación Clínica y Seguridad del Paciente (FLASIC)
- Society for Simulation in Healthcare (SSiH)
- American Heart Association (AHA)
- Global Health Learning Opportunities (GHLO)
- Consorcio para la colaboración en Educación Superior en América del Norte (CONAHEC)
- Centro Interuniversitario de Desarrollo (CINDA)
- Asociación Dominicana de Rectores de Universidades (ADRU)
- Asociación de Universidades e Institutos de Investigación del Caribe (UNICA)
- Asociación de Bibliotecas Universitarias, de Investigación e Institucionales del Caribe (ACURIL)
- Asociación de Bibliotecas Universitarias Dominicanas (ABUD)



# International Relationships

- University of Miami – Miller School of Medicine
- Yale University School of Medicine
- Fundación Iberoamericana de Nutrición
- Organización de las Naciones Unidas para la Educación, la Ciencia y la Cultura (UNESCO)
- Global Health Learning Opportunities (GHLO)
- Association of American Medical Colleges (AAMC)
- University of Illinois at Chicago
- Florida International University
- Medical University of Graz
- Masaryk University
- International Trauma Life Support
- American Heart Association

# National Relationships

- Ministerio de Salud Pública
- Unidades de Atención Primaria (UNAP´s) y Hospitales Municipales de la Provincia Peravia
- Hospital Salvador B. Gautier
- Hospital Pediátrico Dr. Hugo Mendoza
- Hospital Pediátrico Dr. Robert Reid Cabral
- Hospital Dr. Francisco Moscoso Puella
- Centros de Diagnóstico y Medicina Avanzada y de Conferencias Médicas y Telemedicina (CEDIMAT)
- Hospital Traumatológico Dr. Ney Arias Lora
- Hospital General Plaza de la Salud
- Hospital General Regional Dr. Marcelino Velez Santana
- Hospital Municipal Dr. Jacinto Ignacio Mañón
- Hospital General Dr. Vinicio Calventi
- Instituto Nacional del Cáncer Rosa Emilia Sánchez Pérez de Tavares (INCART)
- Hospital Universitario Maternidad Nuestra Señora de la Altagracia
- Hospital de la Mujer Dominicana
- Hospital Materno Dr. Reynaldo Almánzar
- Hospital Materno Infantil San Lorenzo de Los Minas
- Clínica de Familia La Romana
- Instituto Nacional de Bienestar Estudiantil (INABIE)
- Centro Cristiano de Servicios Médicos Hospital Dr. Elías Santana
- Hospital General de la Policía Nacional
- Hospital Central de las Fuerzas Armadas
- INTEGRA Health Management
- International Medical Group

# Research

The program's mission includes preparing professionals who possess knowledge of the country's social reality with a critical and scientific humanistic quality. Furthermore, the program's structure promotes the training of physicians with knowledge in scientific research.

Research activities are carried out in all Academic Areas of the institution, including centers and professorial groups affiliated with them. There is a Research Division under the Vice Presidency for Research and Engagement that promotes and incentivizes research activities, coordinates them, and monitors their execution and quality.

Research projects are funded with the institution's own funds, as well as national and international competitive funds and contracts. Students are encouraged to initiate and participate in research through the Research Division and the academic areas to which they are linked.

During the course of their program, medical students participate in two mandatory research projects:

- **BioINTEC Project I & II:** The oral and written phases, respectively, are defined as research work resulting from active methodology related to current medical topics in the social context of the Dominican Republic.
- **Social Medicine Clerkship or Rural Clerkship:** During this clerkship, students participate in a rotation focused on preventive and community medicine in the provinces of Peravia and La Romana. During this period, students conduct scientific research on health issues within the social environment related to a health topic of their interest. This project concludes with the presentation of a written research report and a formal presentation in a public event. Upon completion, students have the option and opportunity to present their work in national and international academic activities such as the Student Congress of Scientific and Technological Research, the International Convention of AMSA, and the Annual Meeting of Epistemic Communities of "Two Oceans in Health." Additionally, they have the opportunity to participate in ongoing research projects conducted by faculty researchers and research groups in their respective areas of expertise.





The Health Sciences Area offers a range of master's and specialty programs available to its graduates and the general public.

#### **SPECIALTIES:**

- Specialty in Clinical Nutrition

#### **MASTER'S:**

- Master's in Clinical Nutrition
- Master's in Pediatric Nutrition
- Master's in Obesity and Dietetics
- Master's in Clinical and Health Psychology
- Master's in Public Health and Epidemiology

#### **MEDICAL RESIDENCIES:**

- Center for Diagnosis, Advanced Medicine, and Telemedicine (CEDIMAT):
- Medical Residency in Adult Cardiology
- Medical Residency in Pediatric Cardiology
- Medical Residency in Gynecology and Advanced Pelvic Surgery
- Medical Residency in Critical Care Medicine
- Medical Residency in Internal Medicine
- Medical Residency in Pediatric Cardiovascular Critical Care

#### **CENTRO CRISTIANO DE SERVICIOS MÉDICOS (CCSM):**

- Medical Residency in Ophthalmology
- Specialization in Oculoplastics
- Specialization in Retina and Vitreous
- Specialization in Anterior Segment
- Pediatric Ophthalmological Specialization and Strabismus
- Specialization in Cornea and Refractive Surgery
- Specialization in Glaucoma
- Specialization in Neuro-Ophthalmology

#### **HOSPITAL GENERAL DOCENTE DE LA POLICÍA NACIONAL (HOSGEDOPOL):**

- Medical Residency in Internal Medicine

#### **HOSPITAL PEDIÁTRICO DR. HUGO MENDOZA:**

- Medical Residency in Pediatrics

# Legal internship for newly graduated physicians

This is the mandatory period that all physicians must complete to obtain the Exequátur, which authorizes them to practice medicine in the Dominican Republic. Its duration is one year, and it is governed by Law 146-67 and its modification through Law 478 of May 24, 1972. The clerkship is conducted at health facilities designated by the Ministry of Public Health and its relevant bodies.

## **The process for requesting the legal clerkship is as follows:**

1. Request the following documents from the university for legalization by MESCyT:
  - Certification of Rotational Clerkship.
  - Thesis or monographic certificate or certificate of completion of the program.
  - Transcript of Grades (copy)
  - Copy of Identity and Electoral Card
  - Revalidation for graduates of foreign universities wishing to practice in the Dominican Republic.
2. Attend MESCyT to formalize the legalization of the documents requested by the university.
3. Once these documents are ready at MESCyT, you can apply for medical clerkship by accessing the Self-Service Portal of the National Health Service (SNS) and following the instructions to complete the application.

The SNS, the Regional Health Service, and the Area Management are responsible for assigning the location or health facility where the medical intern will provide services and for supervising them.

Completing the legal medical clerkship in an honorary capacity is a decision made by the applicant. To do so, they must follow the aforementioned process and provide a letter from the respective healthcare center.

# USMLE Mentorship Program

Since 2019, the Health Sciences Area has offered the Mentorship Program for United States Medical Examination (USMLE) preparation: This program aims to assist INTEC students and graduates in their preparation process for these exams. It is led by INTEC alumni who have succeeded in these exams and take on the responsibility of advising, guiding, and supporting their fellow colleagues

# Contacts

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**Registration Department**

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**National scholarships & Loans**

Ext: 596/353



**International Financial Assistance**

Ext: 334



**International Language Center (CEI)**

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