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## MASTER'S DEGREE IN COMPREHENSIVE HIV CARE

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## UNIVERSIDAD GALILEO AND MULTIDISCIPLINARY HIV ASSOCIATION - AEMVIH- MASTER'S DEGREE IN COMPREHENSIVE HIV CARE

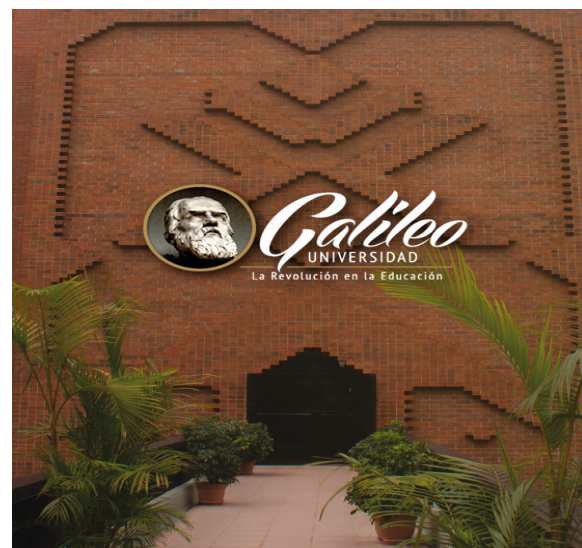
Nowadays, drastic changes, knowledge and technology have become elements that are part of daily life for human beings, largely because they are linked to the entire social, labor and productive process, not only in Guatemala, but in the whole world. In this context, higher education represents a fundamental pillar to develop the skills and acquire the necessary knowledge demanded by the new economy. This factor delegates to the university a very important role, not only for the training of professionals, but mainly for the generation of new knowledge that responds to the needs of an increasingly competitive world.



In this Galileano context, the academy is subordinated to human development and increased competitiveness. It has more than 40 years of experience in the area of university education in Guatemala, initially as the Faculty of Systems Engineering, Computer Science and Computer Science of the Universidad Francisco Marroquín, and now as a higher education institution committed to the training and preparation of world-renowned professionals.

It was authorized by the Council of Private Higher Education in October 2000, which makes it the first university in Guatemala with a technological focus. Because of this, it is very important for our staff to have knowledge about the conformation of our university, its academic entities, the careers, specialties and others that it offers and all the details that identify us as an avant-garde institution that has marked, with its work, the competitive insertion of Guatemala in the technological era and the new globalization of the 21st century.

Universidad Galileo has experienced a very significant growth, which has been qualified as "Extraordinary", during the last few years. This has occurred both in the number of students and in the number of programs and has made Galileo one of the most important universities in the Central American, Latin American and Caribbean region. This is the product of a clear vision and a firm commitment to it.



Universidad Galileo is a higher education institution, product of 40 years of work and constant effort of a select group of professionals led by Dr. Eduardo Suger Cofiño, Ph.D., founder and Rector, who has managed to shape an educational proposal completely different from the traditional and that is driven by a very clear motto: **"To educate is to change visions and transform lives"**.

## VISION

We drive the evolution of human thought, revolutionizing higher education.

## MISSION

Our mission is to train professionals with world-class academic excellence, a high spirit of justice, human and ethical values, at the service of our society, incorporating science and contemporary technology.

We are committed to Guatemala and beyond the borders to give access to university studies to all people regardless of race, social status, or geographic location.

Our objective is to train true participants in the solution of social development problems of the Guatemalan community, particularly and in general communities that have required a distance solution with our courses, programs, diplomas, master's degrees, doctorates, etc.

We are an educational entity that promotes the use of science and technology for the solution of national and international problems.

## OUR VALUES

The people who make up Universidad Galileo, authorities, professors, students and employees believe in:

- The individual as a human being, and we are aware that the main tool for the growth of people is education.
- The teaching of ethical, legal and economic principles for a society of free and responsible people.
- The peaceful coexistence of people, regardless of religious, political or racial beliefs.
- The harmony of peoples in peace.
- Teachers as the most important factor of change in our society.

- The urgent need to make available to the educational community of the country and the region the technological tools necessary for better education.

- In the urgent need to improve the conditions of our environment, to create an appropriate ecological environment for future generations, which makes us think of projects of national impact in this discipline.

- In that the ecological conditions of our country and our geographical position invite us to assume a leadership role in Latin America and the Caribbean.

## AND WE ARE COMMITTED TO:

- Respect all people without discrimination of sex, race, social or political status.
- Promote and respect moral and civic values.
- Good use of time and technology.
- Constantly improve work habits to achieve excellence in all areas of our lives.
- To represent our university with dignity and pride.
- Respect the ecological environment and promote the proper use of natural resources.
- Promote peace within our country and in our environment.



## **FACULTY OF HEALTH SCIENCES (FACISA)**

It was created in 2002 with a new vision of creating careers that provide alternatives with academic excellence and human development of professionals who intervene in a comprehensive manner in the health of the population using public or private health services.

We develop technical careers, bachelor's and master's degrees with a new technological focus and according to the needs that modernity demands of health facilities.

In addition, the School of Health Sciences develops activities with the students of social projection through conferences and community service activities.

### **VISION**

To be recognized as the best academic unit in Central America, Latin America and the Caribbean, in the education and training of professionals in the field of health, with a scientific and technological Galilean foundation, with ethical and moral values, to provide a competent and efficient integral service in all areas, promoting research and innovation that responds to the needs of the general population.

### **MISSION**

We educate and train professionals with academic and scientific excellence, human quality and service in the health area, through the development of programs with innovative technology and methods, giving the population the opportunity to access university education and training without any distinction, through the strengthening and creation of new educational alternatives supported by certified teachers in their area of competence.

<https://www.galileo.edu/facisa/carrera/maestria-atencion-integral-vih/>



## **MULTIDISCIPLINARY HIV ASSOCIATION**

It is formed by the need to train professionals from different careers and grades of schooling, in the Comprehensive Care of people with HIV. After teaching a Diploma in Comprehensive HIV Care for 11 years, offering training to companies, NGOs, NGOs, NGOs and different agencies and individuals, the Association of Multidisciplinary HIV Education is formed to specifically serve people interested in the subject, to respond to the HIV pandemic, coordinating and offering comprehensive HIV care.

**Vision:** To contribute to the response to the HIV pandemic, through awareness, training and specialization of people interested in the subject, to promote, defend, coordinate and provide comprehensive care to people with HIV.

**Mission:** to be a solid governing body of the education sector, which through information, education, training and specialization leads to the prevention and comprehensive care of HIV, generating specialized people interested in formulating, coordinating, implementing and maintaining actions in the comprehensive care of HIV.

“To educate is to change visions  
and transform lives.”

“The Master’s degrees at Galileo University  
are a sign of the educational restructuring that  
must take place in the world we live in today.”

Dr. José Eduardo Suger Cofiño, Ph.D.  
Rector of Universidad Galileo.



## MASTER’S DEGREE IN COMPREHENSIVE HIV CARE

The Master’s Degree in Comprehensive HIV Care at Universidad Galileo is a **cutting-edge** specialization at the **Central American, Latin American and Caribbean level**. Through a strategic alliance with the Association of Multidisciplinary Education of HIV-AEMVIH-.

### VISION:

To be the vanguard master’s degree at the Central American, Latin American and Caribbean level in the Psycho-bio-immuno-social areas in the field of HIV, in order to coordinate and offer comprehensive HIV care.

### MISSION:

Train, educate and sensitize multidisciplinary personnel in Comprehensive HIV Care.

## REQUIREMENTS OF THE PERSONS TO APPLY FOR THE MASTER’S DEGREE:

### ENTRY PROFILE

- Professional with a bachelor’s degree.
- Have access to a computer with internet.

### PROFILE OF GRADUATES

- At the end of the Master of Specialization in Comprehensive Care for people with HIV, the professional will be able to: Know, analyze, interpret and understand in Psycho-bio-immuno-social matters to people with HIV; within an ethical-legal context.
- Comprehensive approach, diagnosis and treatment of a person with HIV.
- Prevent vertical transmission through early and timely diagnosis and follow-up.
- To know the national and international protocols for comprehensive treatment of HIV infection.
- To know the instruments legally ratified at national and international level in the defense and promotion of Human Rights related to HIV infection.
- Ability to coordinate in multidisciplinary groups, the integral approach of a person with HIV.
- Because of its virtual modality it has no borders, emphasizing the phrase of the educational restructuring of the Rector of the Universidad Galileo; Dr. Eduardo Suger Cofiño, Ph.D.

## THE MASTER'S DEGREE IN COMPREHENSIVE HIV CARE CONSISTS OF:

- 8 quarters.
- 24 courses.
- 124 classes.
- Thesis structure as a requirement to obtain a Master's degree in Comprehensive HIV Care.
- Its virtual modality; it adapts to the schedules and time of each student.
- Professionals with a Bachelor's degree from Guatemala and the countries of the Latin American and Caribbean Region.

## OBJECTIVES OF THE MASTER'S DEGREE:

The objective of the Master's program is to train professional leaders, who have the mission to develop a **comprehensive approach to HIV care with an orientation to multidisciplinary work.**

The Master's curriculum is designed for professionals to develop a set of competencies that allow them to **know, analyze, interpret and understand the Psycho-bio-immuno-social issues of people with HIV**, within an ethical-legal context so that the process of decentralization and coverage of comprehensive care is feasible.

## ABOUT THE SPECIALTY

In the field of public health, HIV is one of the infections that has presented over the years a series of challenges that need to be continuously addressed in a comprehensive manner by specialized professionals who have extensive and current knowledge in this area. Under this context, Universidad Galileo and the Association of Multidisciplinary Education of HIV-AEMVIH-, formed a strategic alliance and designed a program that allows

professionals to develop the necessary skills to meet the challenges involved in developing within this area, through its Faculty of Health Sciences-FACISA-.

## VISION:

To be the vanguard master's degree at the Central American and Caribbean level in the Psycho-bio-immuno-social areas in the field of HIV.

## MISSION:

To train multidisciplinary personnel in Integrated HIV Care.

**Mode:** Virtual

- **Duration:** 2 years
- **Conference:** Virtual
- **Venues:** Virtual - Online education E-learning mode
- **Entity:** Facultad de Ciencias de la Salud de la Universidad Galileo, Guatemala.

## FUTURE GRADUATION PROFILE

At the conclusion of the Master's Degree in Integrated HIV Care, Master's degree holders will be able to:

- To comprehensively approach, diagnose and treat a person with HIV.
- Design, organize, plan and evaluate prevention programs.

To transmit knowledge from experts, with the latest updates on topics related to HIV infection to specialized and non-specialized audiences. Laboral

Graduates of the Master's Degree in Comprehensive HIV Care at Universidad Galileo are prepared to work in a variety of sectors and professional profiles, in full coordination with:

## **HEAD OF HIV AND CHRONIC INFECTIONS INTEGRATED CARE UNIT**

Design and execution of an annual work plan, technical assistance, diagnosis and treatment. Active role in the development of program goals and objectives. Creation of initiatives. Report generation.

## **INFECTOLOGY**

Specialists in charge of treating HIV infection in the first instance, in coordination with a multidisciplinary team to intervene according to the needs and possible complications of the person with HIV.

## **TEACHER**

Plan, organize and manage teaching, research and extension within the area of knowledge. Transmit knowledge in accordance with the academic program established by the entity. Evaluating objectives and accompanying students during the learning process.

Curriculum by trimester

## **TOTAL ACADEMIC CREDITS 72**

## **QUOTED FROM THE CURRENT REGULATIONS OF UNIVERSIDAD GALILEO, GUATEMALA**

### **Graduate Programs**

One (1) Academic Credit (AC) is equivalent to:

1 Twelve (12) hours of classroom (or virtual as the case may be). It is assumed that one (1) hour of face-to-face (or virtual) study requires, on average, an additional effort of three (3) hours of study. This means that one (1) CA requires a total effort of twelve (12) hours plus thirty-six (36) hours equivalent to forty-eight (48) hours of study.

2 Twenty (20) hours of supervised work, presentations and research.

3 The University, by its autonomy, defines the duration of its academic periods.

4 The number of weekly hours of work of a student for one (1) academic credit depends on the number of weeks of the academic period. Likewise, the number of classroom (or virtual) hours depends on the nature of the subject and the methodology used.

5 The distribution of hours per week may not be uniform throughout the school term.

## **PROGRAM OF THE MODULES TO BE COVERED IN THE MASTER'S DEGREE IN COMPREHENSIVE HIV CARE**

1. EMOTIONAL INTELLIGENCE AND HIV
2. SEXUAL DIVERSITY AND HIV
3. THE HUMAN IMMUNODEFICIENCY VIRUS: ETIOLOGIC AGENT OF AIDS
4. IMMUNOPATHOLOGY OF AIDS. ADVANCES IN VACCINES
5. HIV DIAGNOSIS PROCESS
6. INTRODUCTION TO HIV: HIV AND HUMAN DISEASE: PREVENTION APPROACH TO HIV IN EMERGENCY SETTINGS
7. HIV: MYTHS AND REALITY. EPIDEMIOLOGY OF HIV INFECTION. NOW AND IN 2050
8. THE HIV PANDEMIC IN LATIN AMERICA AND THE CARIBBEAN
9. HIV INFECTION MONITORING
10. RESEARCH I, II, III AND IV

11. GENERAL CARE AND HIV
12. PHARMACOGENETICS AND PHARMACOGENOMICS
13. INFECTION BY OTHER HUMAN RETROVIRUSES HIV-2, HTLV-1, HTLV-2, HTLV-3 AND HTLV-4
14. MECHANISMS OF TRANSMISSION AND PREVENTION STRATEGIES OF HIV INFECTION. PRE- AND POST-EXPOSURE PROPHYLAXIS.
15. OPPORTUNISTIC INFECTIONS I, II AND III
16. MUCOCUTANEOUS MANIFESTATIONS OF KAPOSI'S SARCOMA AND MONKEYPOX IN HIV PATIENTS
17. LYMPHOMAS IN PEOPLE WITH HIV
18. NEUROCOGNITIVE DISORDERS IN PEOPLE LIVING WITH HIV
19. PSYCHIATRIC DISORDERS
20. NUTRITION AND HIV
21. ANTIRETROVIRAL TREATMENT, ADHERENCE, ADHERENCE
22. RESISTANCE AND ARV'S:
23. TB-VIH CO-INFECTION
24. OPHTHALMOLOGIC MANIFESTATIONS AND HIV
25. PARASITES AND INFECTIOUS NEUROLOGICAL DISEASES
26. ORAL MANIFESTATIONS
27. NON-INFECTIOUS NEUROLOGICAL MANIFESTATIONS
28. LUNG DISEASE AND CANCER
29. FUNGI AND HIV
30. UNIVERSAL PRECAUTIONS, OCCUPATIONAL AND NON-OCCUPATIONAL RISKS
31. WOMEN AND HIV: VERTICAL TRANSMISSION OF HIV
32. CHILDREN AND HIV: CHILD, ADOLESCENT, YOUTH AND HIV PROTECTION
33. AIDS AND HEPATITIS
34. DERMATOLOGICAL MANIFESTATIONS AND HIV
35. GASTROINTESTINAL INFECTIONS AND HIV
36. FEVER, VACCINATION AND HIV INFECTION
37. PSYCHOLOGY AND HIV: THANATOLOGY ADDICTIONS SUPPORT GROUPS, BURN OUT
38. STIS AND HIV
39. XXXI: CROSS-CUTTING MODULE ON HUMAN RIGHTS AND HIV.
40. XXXII CROSS-CUTTING RESEARCH MODULE, RESEARCH WORK
41. CLINICAL AND TREATMENT OF THE COVID-19 PANDEMI