

MODULE DESCRIPTION (SUMMARY PROGRAM).

1. Module Information Code:	
• Name of the Institution and School	Universidad Autónoma de Nuevo León, <u>School of Medicine</u>
• Name of the Learning Unit	<u>Introduction to Medicine.</u>
• <u>Total classroom hours for theory and/or practice.</u>	56 hours
• Total extra classroom hours	34 hours
• Course Modality	Schooled
• <u>Type of academic period in which the module is offered</u>	1st semester
• <u>Type of Learning Unit in the Curriculum</u>	Compulsory
• Curriculum area:	ACFB Basic
• UANL credit points	3
• Date of module creation:	September 22, 2014
• <u>Date of last amendment:</u>	Jan. 12, 2021
• Person(s) responsible for the module design and amendments:	Dr. Raúl Gabino Salazar Montalvo, <u>Dra. Hilda Cristina Ochoa Bayona.</u>

2. Purpose(s)

This learning unit analyses the general basic concepts of Medicine as a scientific discipline, its historical and philosophical development; it promotes learning as a developmental process and the graduate's development during his professional practice with different medical attention alternatives: preventing, therapeutic and first aids.

It contributes to the graduate profile referring to the preparation they need to offer primary health care services. It also provides the basis which work as preamble for postgraduate studies and continuous medical education.

The relationships it has to other learning units are as follows: During the first year, there is a strong connection with Human Anatomy as it deepens in the biographies of people who allowed the development of knowledge; with Cell and Tissue Biology it explains and deepens in the concepts which give a start to the microscopic stage of knowledge of the human body. It also represents the basis for health and preventive activities which will continue in their fourth semester con Preventive Medicine. After that, during the eighth semester with Epidemiology and Public Health, students will obtain conceptual bases related to the health-disease process to promote in them interest for research methodology, which is essential for addressing health problems in the medical propaedeutics. It is related to the microbiological disease theories, having a close connection with Microbiology. It provides Pharmacology a source of background concepts and chronological and historical references, as well as for learning units such as Internal Medicine, Surgery, Gynecology and Obstetrics, Pediatrics, and the ones related to the human mind; for all of them **Introduction to Medicine** will make it easier for the student to the understanding of the origin and causes of diseases, as well as the historical development of the scientific discoveries and technological advancements.

Through the use and application of a methodology which privileges autonomous learning, with collaborative purposes and centered in problem solving, students develop general competences for the graduate profile. In a specific way, the course provides scientific basis from a historical perspective for understanding the professional practice, providing the theoretical-practical knowledge for solving cases with the main medical emergencies. It also gives the students effective communication principles for an adequate physician-patient relationship, as well as with other health professionals. Additionally, it helps the student understand the professional context of the career by presenting him the operations the National Health System has, besides making a special emphasis in a continuous medical education.

3. Competences of the graduate profile

a. General competences contributing to this learning unit.

Instrumental skills:

1. Apply autonomous learning strategies in the different levels and fields of knowledge that allow them make appropriate and relevant decisions in the personal, academic and professional fields.
2. Use the logical, formal, mathematical, iconic, verbal and non-verbal languages according to their stage of life, in order to understand, interpret and express ideas, feelings, theories and streams of thinking with an ecumenical focus.

4. Dominate their native language in oral and written form with correctness, relevancy, opportunity and ethics adapting its message to the situation or context, in order to transmit of ideas and scientific findings.

5. Employ logical, critical, creative and proactive thinking to analyze natural and social phenomena that let them make relevant decisions in its area of influence with social responsibility.

Personal and social interaction skills

11. Practice the values promoted by the UANL: truth, equality, honesty, liberty, solidarity, respect for life and anyone's, peace, respect for nature, integrity, ethics behavior and justice, within their personal and professional environment in order to make a sustainable society.

Integrative skills

14. Resolve personal and social conflicts in accordance with specific techniques in the academic field and their profession for the proper decision making.

b. Specific competences of the graduate profile that contributes to the learning unit

Scientific Base of Medicine

1.- To use the scientific foundations of medicine by considering the economical, psychological, social, cultural and environmental factors which contribute to the development and evolution of diseases in order to make decisions and take medical actions.

Professional Clinical Practice

2.- To solve clinical problems through deductive reasoning, interpretation of findings and the definition of their nature in order to make decisions and determine principles of actions of the medical practice to be followed in a responsible way, impacting individual and collective health.

3. To evaluate the development and evolution of diseases through the analysis of biomedical information and related physical, social and cultural factors; promoting health education and boosting preventive medicine.

5. To manage common medical emergencies by applying primary treatment, procedures and interventions, and to refer patients who require critical care in an appropriate and timely way for the preservation of life.

Professional Values and Ethics

9.- To respect patient's integrity by keeping his medical information as an essential part of the professional secrecy in order to guard his rights.

Communication

11.- To apply the principles of effective communication by establishing a respectful and empathetic relationship with the patient, relatives, the community and other health professionals in order to use the information properly.

4. Summative Evaluation

- Venn diagram
- Timeline
- Role play
- Concept map
- Flowchart
- Written script
- Written exercises
- Course Integrative Product
- Exams

5. Course Integrative Product.

Carry out a dramatization about the different contexts of the Emergency Medical Service (EMS) in first-aid, solution given to a determined situation is presented and it allows to transfer elements from real situations.

6. References**Textbooks**

Historia y Evolución de la Medicina
Manual Moderno, 1 edición.

Additional textbooks

Historia y Filosofía Médicas. Dr. Hernán Salinas Cantú. Mac Graw-Hill, Interamericana. 2ª edición.
Historia Universal de la Medicina. Pedro Lain Entralgo. Ed. Salvat.
Historia de la Medicina. Lyons y Petrocelli.
Medicina Preventiva y Salud Pública. Dr. Rafael Álvarez Alba. Ed. El Manual Moderno. 2ª. Edición.
Compendio de Salud y Enfermedad. Dr. Hernán San Martín. Ed. Interamericana. Tomos I y II.
Pensar como Médico. Como resolver casos clínicos desde el primer día de clases.

Websites

www.ssa.gob.mx
www.uanl.mx
www.medicina.uanl.mx
www.paho.org
www.imss.gob.mx
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