

MODULE DESCRIPTION (SUMMARY PROGRAM).

1. Module Information Code:	
• Name of the Institution and School	Universidad Autónoma de Nuevo León, School of Medicine.
• <u>Name of the Learning Unit</u>	Forensic Medicine
• <u>Total classroom hours for theory and/or practice.</u>	47 hours
• <u>Total extra classroom hours</u>	43 hours
• <u>Course Modality</u>	Schooled
• <u>Type of academic period in which the module is offered</u>	Semester
• <u>Type of Learning Unit in the Curriculum</u>	Compulsory
• <u>Curriculum area:</u>	ACFP
• <u>UANL credit points</u>	3.
• <u>Date of module creation:</u>	July 8, 2013.
• <u>Date of last amendment:</u>	March 24, 2020
• Person(s) responsible for the module design and amendments:	Dr. med. Mario Alberto Hernández Ordoñez. Dra. Blanca I. Almaguer Pecina. Dra. Shamira Nohemí Saucedo Nacianceno.
2. Purpose(s)	
The purpose of the Learning Unit of Forensic Medicine is that students learn how our profession directly helps justice, being this a discipline that uses all the medical sciences to respond to legal issues by highlighting some topics, such as: how the doctor in the daily exercise of their professional	

work should be governed by certain ethical principles, suitability, prudence or careful professional attention in addition to knowing in depth that is the medical deontology and professional responsibility.

For this reason the Forensic Medicine course is placed in the curriculum after the basic training subjects, within the fundamental professional training area; and it is related to the other learning units as it requires previous knowledge of body morphology both macroscopic and microscopic; human anatomical-pathological aspects, as well as physical examination.

This Learning Unit contributes greatly to the acquisition of the general competencies of the UANL in terms of the necessary and responsible decision making, because in order to carry out a good professional practice in the field of Forensic Medicine it is indispensable to have solid scientific knowledge and adequate clinical reasoning, which allows the doctor to elaborate medical legal documents that could imply the freedom or the deprivation of it for an individual. In addition, oral and written communication is fundamental for the integration of the diagnosis and medical opinion.

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.
3. Use the information and communication technologies as access tools to information and its transformation in knowledge, as well as for learning and collaborative work with cutting-edge techniques that allow its constructive participation in society.
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.
6. Use a second language, English in particular, with clarity and correctness to communicate in common, academic, professional and scientific contexts.

7. Develop inter, multi and transdisciplinary academic and professional proposals according to the best global practices to promote and consolidate the collaborative work.

8. Use methods and techniques of traditional and cutting-edge research for the development of their academic work, the practice of their profession and the generation of knowledge.

Personal and social interaction skills

9. Maintain an attitude of commitment and respect towards the diversity of social and cultural practices that reaffirm the principle of integration in the local, national and international context with the purpose of promoting environments of peaceful coexistence.

10. Intervene in front of the challenges of contemporary society at the local and global level with a critical attitude and human, academic and professional commitment to help consolidate the general wellness and sustainable development.

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

13. Take the lead according to social and professional needs to promote relevant social change.

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

15. Achieve the adaptability required in uncertain professional and social environments of our time to improve living conditions.

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

Scientific Basis of Medicine

1.- Use the medicine scientific fundamentals considering economical, psychological, social, cultural and environmental factors which contribute to the development and evolution of a disease for decision-making and medical actions.

Professional Clinical Practice

2.- Solves clinical problems through deductive reasoning, interpretation of findings and definition of their nature with the aim of making decisions and determine action principles of the medical practice to follow in a responsible way, impacting individual and collective health.

3.- Evaluate the development and evolution of the disease through the analysis of biomedical information and related physical, social and cultural factors, promoting health education and encouraging preventive medicine.

Critical Thinking and Research

7.- Applies the scientific method for the resolution of medical problems with an innovative, analytic and self-critical attitude for preventing, diagnosing and treating diseases.

Professional Values and Ethics

8.- Integrates professional values and ethics into his medical practice, making no difference due to gender, race, political or sexual preference, religious beliefs, activities developed, disabilities or socioeconomic level, promoting social inclusion and contributing to the population's well-being, their life quality and human development.

9.- Respects the patient's integrity keeping the patient's medical information as an essential part of their professional secret in order to preserve his rights.

Organizational Work

10.- Promotes an organizational work culture for the health field, acknowledging the multidisciplinary work, respect for institutional policies and the observance of rules in order to contribute to a comprehensive treatment of patients.

Communication

11.- Applies effective communication principles, establishing a respectful and sympathetic relationship with the patient, relatives, the community and other health professionals in order to use the information properly.

4. Summative Evaluation

- Written presentation
- Written report
- Comparative Chart
- Exam
- Course Integrative Product

5. Course Integrative Product

Seminar on an assigned medico-legal topic.

6. References

- **Fundamentos de Medicina Legal**
Hernández, Ordoñez, Mario Alberto
Editorial Mc Graw Hill. Edición: 1ª ED
- **Fundamentos de la Medicina Legal Atlas**
http://www.mhhe.com/med/hernandez_fm1e
- **Medicina legal**
Martínez Murillo- Saldívar S.
Editorial: Méndez Editores. Edición: 18ª ED
Libros de consulta:
- **Medicina Legal**
Eduardo Vargas Alvarado.
Editorial: Trillas. Edición: 2ª ED
- **Medicina legal y Toxicología**
J.A. Gisbert Calabuig
Editorial : ELSEVIER Edición. 6a ED
- *Código penal federal, Código penal y civil del Estado de Nuevo León*
- *Ley General de Salud de los Estados Unidos Mexicanos*
- *Agenda de Salud 2004 (editorial ISEF)*
- Centers for Disease Control and Prevention: www.cdc.gov
- UNICEF | El Fondo para la Infancia de las Naciones Unidas: www.unicef.org
- Organización Mundial de la Salud: OMS: www.who.int/es
- Clinical Key: www.clinicalkey.com
- Catálogo Maestro de Guías de Práctica Clínica. (CMGPC): <http://www.cenetec.salud.gob.mx/>
- Dirección General de Información en Salud: <http://www.dgis.salud.gob.mx/contenidos/difusion/cdefuncion.html>

