



## MODULE DESCRIPTION (ANALYTICAL PROGRAM).

Module Information Code:	
<ul> <li>Name of the Institution and School</li> </ul>	Universidad Autónoma de Nuevo León,
	School of Medicine
Name of the learning Unit	Preventive Medicine
Total classroom hours for theory and/or practice.	100 hours
Total extra classroom hours	50 hours
Course Modality	Schooled.
Type of academic period in which the module is offered	4° Semester
Type of Learning Unit in the Curriculum	Compulsory
Curriculum area:	ACFB
UANL credit points	5 credits
Date of module creation:	20/04/2015
Date of last amendment:	14/01/2021
Person(s) responsible for the module design and	Dr. Raúl Gabino Salazar Montalvo
amendment	Dr. Luis Gerardo Castillo Reyna
	Dra. med. Hilda Cristina Ochoa Bayona
	MSP. David Emmanuel Castañeda Vásquez

## 2. Introduction:

The preventive medicine learning unit, it is structured in five stages of study, The first phase analyses of Preventive Medicine in its multidisciplinary nature, with the aim of recognizing its importance in health science and its interrelationship with other disciplines that enable it to prevent detection and contribute to the control of individual disease second phase recognizes medical techniques for preventing most frequent diseases in the country;

identifying the main causes of morbidity and mortality in Mexico, through the Model of Natural History of Disease and Levels of Prevention of Leavell and Clark, allowing to integrate pre pathogenic and pathogenic periods of each disease the third phase identifies the characteristics of a healthy environment by allowing pupil to distinguish risks from a holistic perspective for care in a integral; the fourth phase, holistic manner, The National Health System and various health programmes are analysed in the local state and national context to identify areas of opportunity. During the fifth stage, medical and nonmedical techniques are applied for the prevention of diseases in real occupation scenarios with the aim of promoting and preserving health.

#### 3. Purpose(s)

In the preventive medicine learning unit, the student develops knowledge and skills that enable him to prevent detection and contribute to the control of individual diseases, through healthy lifestyle analysis and the study of pathogens to which he is exposed and the environmental factors in which he lives.

This is intended to select and apply medical techniques for the prevention of diseases affecting the host through health promotion, specific protection and rehabilitation of most common diseases.

Similarly, it helps to ensure that graduate students are able to solve main health problems from the first level of medical care, with a holistic perspective, with the competence to treat the patient with ethical and Moral principles, being a responsible leader with the ability to work as a team, learning to seek up-to-date medical information and thus acquire the habit of obtaining continuous medical education. The knowledge acquired will provide the graduate with the ability to exercise their knowledge.

It relates to the learning units of the Medical Surgeon and obstetrician degree as follows: Introduction to medicine by knowing the concepts of health and disease facilitates the understanding of natural History of the Disease of Sir Mcfarlane Burnet and the levels of prevention of Leavell and Clark to apply it to any health problem. With Anatomy when learning the anatomical benchmarks indispensable in anthropometric measurements and the application of immunizations. Embryology, in establishing human life development from conception to birth allows the student to integrate the maternal and Child Health Programme and the healthy kid, and thus follow up on pregnancy and recommend family planning methods.

Microbiology and Immunology allow the mechanisms knowledge for susceptibility and resistance of different pathogens to understand the risk of life transmission and it privileges immunization actions throughout the individual's life as stipulated in the Mexican Standard NOM-036-SSA2-2002. Epidemiology is linked to distinguishing the country's demography and being able to recognize the different living groups and being able to recognize

the different living groups that focus on health programmes, as well as establishing the prevention and control of communicable and degenerative chronic diseases. Biostatistic supports mathematical reasoning of the use of fees and percentages in the health study.

And with subsequent learning units the knowledge acquired applies to all diseases that are studied in the curriculum of the bachelor's degree of Physician Surgeon and Orthopedist at the UANL Medical School The Unit of Preventive Medicine promotes skills regarding the general competences of the UANL, when requesting the search for Spanish and English literature, this allows the analysis and development of script schemes and teaching materials to communicate it in scientific and common language, using electronic tools that speed up and allow their application with quality.

With regard to personal and social interaction, it's encouraged, with the teachers, peers, in the community in an environment of respect for diversity, in any of its manifestations without any discrimination. The challenges arising in society at the local are also addressed with global and self-critical vision for continuous improvement and self-sustaining development of new contributions required, truly, fairness, honesty, respect and freedom to work without obstacles and solidarity with the sensed needs of the community.

The student is constantly being encouraged to innovate to address holistically the social needs arising in the individual, the family, and society. The student applies knowledge when integrating into health institutions service, where he exercises leadership in achieving multidisciplinary goals set by them and to achieve preventive intervention in the main causes of morbidity and mortality in the population. Adaptability to emergency conditions and re-emergence of health problems is urged to contribute to their control and/or solution.

## 4. Competences of the graduate's 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 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.
- 7.Develop inter, multi and transdisciplinary academic and professional proposals according to the best global practices to promote and consolidate the collaborative work.

#### 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
- 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

- 12. Make innovative proposals based on the holistic understanding of reality to help overcome the challenges of the interdependent global environment.
- 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 to which the learning unit contributes:

#### Medicine scientific base

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.

# 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 and ethical values

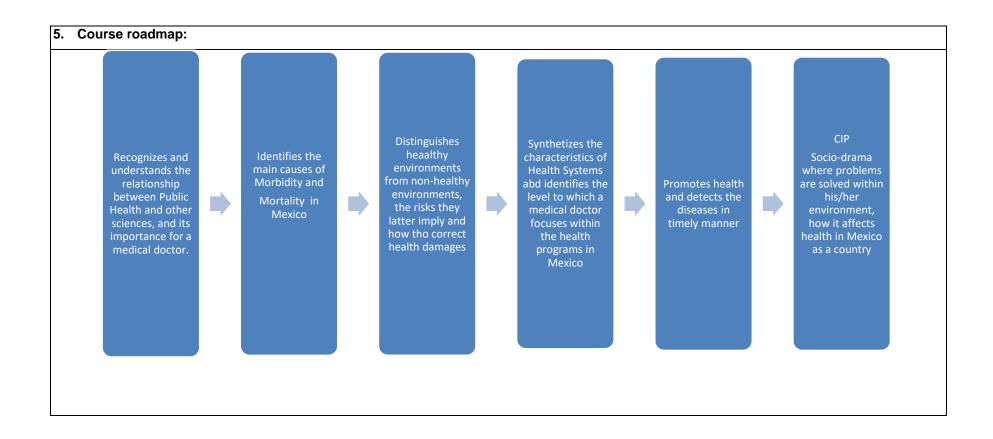
8.- Integrates professional values and ethics into his medical practice, making no difference due to gender, race, political or sexual preference, religious beliefs, activities developed, disabilities or socioeconomic level, promoting social inclusion and contributing to the population's well-being,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

## 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.



Structuring into stages or phases

# Phase 1: Public health definition and relation with other sciences.

# Component(s) of the competence:.

Analysing Preventive Medicine in its multidisciplinary nature with a view to recognizing its importance in health sciences.

Evidence of student learning	Performance Criteria	Learning activities	Content	Resources
Essay on preventive medicine and its relationship to other health sciences.	<ul> <li>Defines the concept of preventive medicine</li> <li>Describes the characteristics of preventive medicine and functions.</li> <li>Analyses the multidisciplinary nature of the matter and its relationship with other health problems.</li> <li>The main theme provides several secondary ideas or examples.</li> <li>The information is complete and is properly organized.</li> </ul>	<ul> <li>Advises previously on Public health and Functions of Public health with a focus on Preventive Medicine and its multidisciplinary nature.</li> <li>Active reading on the subject.</li> <li>Exposición oral del tema por parte del facilitador sobre la medicina preventiva y su carácter multidisciplinario.</li> <li>Oral statement on the topic by the facilitator on preventive medicine and its multidisciplinary nature.</li> <li>Design of support material.</li> </ul>	Conceptual Content.  . preventive medicine and its extent in first-contact medicine and its relationship to other health sciences.  Procedural content  • Reflection on description and characteristics and functions of preventive medicine.  • Oral presentation of ideas.	<ul> <li>Classroom</li> <li>Projector</li> <li>Backboard</li> <li>Platform</li> <li>Manual</li> <li>References</li> </ul>

- The paragraphs include an introduction, explanations or details and conclusions. There are no spelling errors
- All sources of information and graphs are documented and in the desired format. Cover with title characteristics, name, group, registration, and theory teacher. Font Arial 12.
- Prepares questions during the exhibition to raise them at the end of the class.
- It is actively involved in the group and plenary exhibition.
- Runs questions and answers session.
- Clarifica y ejemplifica conceptos y principios.
   Clarifies and exemplifies concepts and principles.

 Assessment of the status of preventive medicine in the exercise of the profession and its multidisciplinary nature.

## **Attitudinal Content**

- Respect for diversity of views.
- Willingness for collaborative work responsibility and leadership.

# Phase2: Morbidity and mortality:

# Component(s) of the competence:

Identify the main causes of morbidity and mortality in Mexico by the model of natural history of disease and levels of prevention Leavell and Clark, allowing to integrate pre pathogenic and pathogenic stages of each disease.

Evidence of student learning	Performance Criteria	Learning activities	Content	Resources
Scheme of Natural History of disease	Clear and detailed description of the topic, including pre-pathogenic, pathogenic and	<ul> <li>provides guidance on the themes of Natural History of the disease, and levels of prevention of Leavell and</li> </ul>	Conceptual content.  Natural history of the disease with the definition	<ul><li>Classroom</li><li>Projector</li></ul>
	prevention periods of Levell and Clark.  • Presents a logical	Clark, of the main causes of morbidity and mortality in Mexico.  • Active reading on the theme	of:  Pre pathogenic period:  Ecological Triad:	<ul> <li>Blackboard</li> </ul>
	<ul> <li>All sources of information</li> <li>and graph are</li> <li>documented and in the</li> </ul>	of Natural History of disease and levels of prevention of Leavell and Clark.	<ul><li>Agent</li><li>Host</li></ul>	<ul><li>Platform</li></ul>
	desired format: portada con características de	Oral presentation of the main causes of morbidity and	Environment  Pathogenic period	<ul> <li>Manual</li> </ul>
	título, nombre, grupo, matrícula y profesor de teoría,Cover with characteristics of title,name,group,registrati on, and theory teacher.	mortality in Mexico, with the natural history of the disease scheme.  • Prepares questions during the exhibition to raise them at the end of the class.	<ul> <li>Subclinical stage</li> <li>Defensive         <ul> <li>mechanisms</li> </ul> </li> <li>Pathogenic         <ul> <li>mechanisms</li> </ul> </li> </ul>	References

Specific protection.
Immunization
bases
Immunization time
table in our country.
2 Second level of
prevention
Early diagnosis
Timely treatment
3 Third level of prevention
Rehabilitation  Physical grantel  The state of the s
Physical, mental     and social
rehabilitation.
First causes of mortality in
México: obesity, Arterial
hypertension, diabetes
mellitus, breast cancer,
cancer of cervix, prostate
cancer, lung cancer and
1

Lives simbosis posidonts
liver cirrhosis, accidents
and drug dependencies .
First causes of morbidity
in Mexico:
Acute respiratory
infections, influenza,
pulmonary tuberculosis,
acute diarrhoeal
infections, sexually
transmitted infections,
gonorrhea, syphilis, non-
gonococcal urethritis, and
AIDS
Procedural content:
1 Tocedural Content.
● Implementation of the
techniques and
methodologies used in
promoting health
● Rational use of medical
and non-medical
language in a
communication process.

	<ul> <li>◆Use of verbal and non</li> </ul>	
	verbal communication,	
	with the proper	
	construction of support	
	material for health	
	promotion.	
	• Acquisition of timely	
	detection techniques	
	such as: weight, size,	
	blood pressure, and hair	
	glycaemia through	
	reactive tyre.	
	• Acquisition of	
	calculation techniques	
	of the waist hip index	
	and body mass index for	
	nutritional evaluation.	
	●The application of	
	theoretical-practical	
	skills in the correct	
	breast-exploration	
	techniques as a	
	measure of promotion	
	and detection, as well as	
	in the correct vaginal	
	<u> </u>	

		mirror insertion	
		technique for timely	
	detection of cervix		
		cancer	
		• Analysis of	
		questionnaires for the	
		detection of risk factors	
		for obesity, arterial	
1st partial avers		hypertension, and	
1st partial exam		diabetes mellitus, as	
		well as social diseases	
		such as alcohol	
		consumption, tobacco	
		consumption, and family	
		violence, in addition to	
		interpretation of results	
	and reference,		
	appropriate to the		
	corresponding medical		
		service.	
		Scrvice.	
		- Application - f	
		Application of	
		benchmark criteria and	
		counter-reference.	

●Reflection on the	
characteristics of the	
third level of prevention.	
Attitudinal Contant	
Attitudinal Content:	
●Respect for human	
dignity.	
Relationship of empathy	
and respect for	
teachers, health	
personnel, medical	
equipment and non	
medical equipment,	
population attending a	
health service.	
• Use of knowledge of the	
code of professional	
ethics in patient medical	
interaction.	

# Phase 3: Health and Environment.

Component(s) of the competence:

Understand the healthy and unhealthy environment, analysing its benefits and risks involved to implement preventive and corrective measures affecting health.

Evidence of student learning	Performance Criteria	Learning activities	Content	Resources
Project: Problembased learning, describes the characteristics of the healthy and unhealthy environment and how it affects the health of the individual.	• Use of the right	<ul> <li>The teacher previously advises on the characteristics of a healthy environment: water and air sanitation, excretion disposition.</li> <li>Visual, auditive pollution and harmful fauna.</li> <li>Active reading on the subject of water and air sanitation.</li> <li>Oral presentation of water and air sanitation, excrete disposition.</li> <li>Visual, auditive pollution and harmful fauna.</li> <li>Design of support material.</li> </ul>	Water sanitation, elementary biological processes.     Sources of water supply for human use and consumption, and rational use of water supply     Water quality for human use and consumption.     More frequent diseases caused by environmental pollution, lack of basic sanitation and water for human use and consumption.	<ul> <li>Classroom</li> <li>Manual</li> <li>Platform.</li> <li>Projector</li> <li>Videos</li> <li>Didactic material</li> </ul>

Feedback the group with	● Prepares questions during	Prevention and control
reflections.	the exhibition to raise them at	of water pollution, water
Feedback the group with	the end of the class.	quality of receiving
suggestions.	• It is actively involved in the	bodies; pollution
	group and plenary exhibition.	problems and
	●It Runs questions and	alternatives to solution.
	answers sessions on the	Soil sanitation,
	healthy environment.	minimisation and
	<ul> <li>◆Clarifies and exemplifies</li> </ul>	recycling of solid urban
	concepts and principles to	and hazardous waste.
	prevent the unhealthy	Prevention and control
	environment.	of soil pollution.
	CHVII OHII ICHE.	Quality and problematic
		of soil for agricultural,
		housing and industrial
		use, mitigation and
		control measures.
		• Introduction in the
		sampling and analysis
		of contaminated soil.
		Particle control air
		sanitation.
		Sampling and analysis
		of particles suspended
		in the atmosphere,

Air pollution prevention	
and control, quality and	
problems in air basins	
and measures to reduce	
air pollution.	
• : Visual, Auditive and	
radiation pollution	
Procedural Content	
Procedural Content	
Conscious of the use of	
contamination sources	
and water supply for	
human consumption an	
addition to the	
characteristics and	
quality of drinking water,	
purified water, and	
treated and/or hard	
industrial water.	
And the state of	
Analysis of the origin of	
soil pollution by excrete.	
◆ It is aware of sources of	
air pollution and how to	
implement preventive	
measures	

 <del>,</del>	
Analysis of visual	
pollution by noise and	
radiation and its impact	
on human health.	
Attitudinal Content	
Respect for human	
dignity.	
Relationship of empathy	
and respect for	
teachers, health	
personnel, medical	
equipment and non	
medical equipment,	
population attending a	
health service.	
Social responsibility	
between events in	
pollution and their	
contribution to an	
inclusive society	

Phase 4: Health systems and programmes

# Component(s) of the competence:

Analysing the Health System in Mexico in the local, State, and National context to identify areas of opportunity and the characteristics of the project.

Evidence of student learning	Performance Criteria	Learning activities Con	tents	Resources
Conceptual map on the health system in Mexico	<ul> <li>Clear and detailed description of the topic, including the concepts of the health system in Mexico and its relationship to health programmes.</li> <li>A well-organized and clearly presented theme and easily followed up.</li> <li>An outstanding and attractive mental map that meets the design criteria posed, without spelling errors.</li> <li>Central image is correctly associated with the topic, the main and secondary ideas are distinguished from each other, and the</li> </ul>	<ul> <li>Previously mentors on the health system in Mexico</li> <li>Active reading on the subject, health programming and medical institutions.</li> <li>Design of support material.</li> <li>Prepares questions during the exhibition to raise those at the end of the class.</li> <li>It Runs questions and answers sessions on the open and closed population.</li> <li>It clarifies and exemplifies concepts and principles on the health rectory in Mexico.</li> </ul>	<ul> <li>Conceptual Content</li> <li>The Health System in Mexico and its structure at the local, state and national level.</li> <li>The Health secretariat as a rectory for a health system in Mexico.</li> <li>Public and private institutions and their contribution to health in Mexico: IMSS, ISSSTE, PEMEX, SEDENA among others</li> <li>description of the open and closed population.</li> <li>Procedural Content</li> </ul>	Classroom Manual Platform Projector Blackboard

keywords represent important concepts, the images used are appropriate.  • Must present cover with identification data Font 12 interlined at 1.5.  • Respect for the diversity of points of view.  • Relationship of empathy and respect for teachers, health personnel, medical equipment and non medical equipment, population attending a health service  • Provision for collaborative work	important concepts, the images used are appropriate.  • Must present cover with identification data Font 12 interlined at 1.5.  • Respect for the diversity of points of view.  • Relationship of empathy and respect for teachers, health personnel, medical equipment and non medical equipment,
responsibility and leadership.	health service  • Provision for collaborative work responsibility and

Phase 5: Promotion of health and timely detection.

# Component(s) of the competence:

Applying medical and non-medical techniques in real professional scenarios with the aim of promoting and preserving health.

Evidence of student learning	Performance Criteria	Learning activities	Content	Resources
Role play on community health promotion and submission of written script.	<ul> <li>The point of view, the arguments and solutions proposed were consistent and related to preventive medical activities.</li> <li>Students included updated information of preventive medicine.</li> <li>Can clearly explain preventive medicine action where his character saw things differently from other characters and is able to explain why.</li> <li>It took seriously the role entrusted, focusing on the proposed indent according to the promotion, specific</li> </ul>	subjects: effective communication and quality systems, chronic nontransmissible and transmissible diseases, neoplastics, of the elderly, and associated risk factors, specific protection through vaccination and timely detection.  It is actively involved in the group and plenary discussion.  Teamwork Elaboration of a written script Establish characters.  To clearly establish the functions of the physician to	<ul> <li>Effective         communication and         quality service in the         system</li> <li>Nutrition</li> <li>Overweight and/or         obesity.</li> <li>Arterial Hypertension.</li> <li>Diabetes Mellitus</li> <li>Immunization according         to the lifeline.</li> <li>Cervix, breast and         prostate cancer</li> <li>Tobacco and alcohol         consumption.</li> <li>Cognitive deterioration,         depression and         osteoporosis to the</li> </ul>	<ul> <li>Information technology</li> <li>Didactic material</li> <li>Manual</li> <li>Baumanometer and stethoscope</li> <li>Anatomical models</li> <li>Material for the application of vaccines</li> <li>Glycaemia equipment.</li> <li>Scale, Tallimeter</li> </ul>

protection or timely	• Adviser on the	population over 60
detection in decision-	implementation of teaching	years of age.
making in preventive	materials.	Sexually transmitted
medicine.		infections and HIV
• The students used		
material aid for the role		
play scene.(furniture,		Procedural Content
notebooks, papers,		Application of health
technology, suitable		
clothing,etc)		promotion techniques,
j ,		with auxiliary education
		techniques
		o Diptych
		o Triptych
		o Poster
		Application of
		somatometria
		techniques and
		detection of obesity and
		overweight with:
		○ Weight
		o Size
		Abdominal waist
		Application of correct
		blood pressure -taking
		technique

Application of correct	
capillary glycaemia-	
taking technique	
through glucometer.	
intramuscularApplicatio	
n of intramuscular	
immunization technique.	
Application of breast-	
exploration technique,	
medical examination	
and timely diagnostic	
technique for cervical	
cancer.	
Application of the	
correct use of female	
and male condom	
Use of technologies for	
the delivery of	
information material.	
Application of specific	
protection techniques.	
Application of medical	
and non-medical	
techniques for timely	
detection.	

Attitudinal Content	
<ul> <li>Respect for the diversity of points of view.</li> </ul>	
<ul> <li>Relationship of empathy and respect for teachers, health personnel, medical equipment and non medical equipment, population attending a health service</li> </ul>	
Provision for collaborative work responsibility and leadership.	

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#### 8. Course Integrative Product

Socio-drama which includes Preventive Medicine, Integrating health, disease, Leavell and Clark prevention levels and health promotion; knowing the characteristics of the healthy environment; thereby demonstrating the skills to address the problems in which the population lives.

#### 9. References

#### Textbooks:

- 1. Piédrola Gil. Medicina Preventiva y Salud Pública. 11ª Ed. 2008. Editorial Elsevier Masson.
- 2. Álvarez-Kuri Morales. Salud Pública y Medicina Preventiva 4a ed. Manual Moderno.

#### Other textbooks

- 3. Martínez González Miguel Ángel, Conceptos de Salud pública y estrategias Preventivas, Elsevier 2013
- 4. Maxey-Rosenau-Última Salud Pública y Medicina Preventiva: Decimoquinta edición 2007
- 5. Vega Franco Leopoldo. García Manzanedo Héctor. Bases Esenciales de la Salud Pública. 1ª Ed. 1976. 18ª reimpresión 2004
- 6. <u>Hugh Rodman Leavell</u>, <u>Edwin Gurney Clark</u>. Medicine Preventiva, McGraw-Hill. 1953
- 7. <u>Sir Frank Macfarlane Burnet</u>, <u>David O. Blanco</u>. Historia Natural de la Enfermedad Infecciosa. COPA Archive. 1972

#### Sitios web

http://www.promocion.salud.gob.mx/dgps/descargas1/cartillas/guia\_ninos.pdf

http://www.promocion.salud.gob.mx/dgps/descargas1/cartilla\_adolescentes.pdf

 $\underline{http://www.promocion.salud.gob.mx/dgps/descargas1/cartillas/cartilla\underline{mujer.pdf}}$ 

http://www.promocion.salud.gob.mx/dgps/descargas1/cartillas/cartilla\_hombre.pdf

http://www.promocion.salud.gob.mx/dgps/descargas1/cartilla\_adultos.pdf

#### APPENDIX.

#### ASSESSMENT AND WORKLOAD

Module workload		Number of hours	Percentage	
Contact hours	Class-based instruction	36h (36%%)	66.66%=	
Contact nours	Essay	2h (2%)	100	
	Scheme	6h (6%)	horas	
	PBL Project	6h (6%)		
	Concept map	2h(2%)		
	Role play	40h(40%)		
	Exam taking	4h (4%)		
	Course integrative producto (CIP)	4h (4%)		
Independent	Study	46h (92%)	33.33%=	
study	Exam preparation	4h (8%)	50 horas	
Total hours of UANL/ECTS*	the workload: 30 hours X 5 credits	150 h		

<sup>\*</sup>European Credit Transfer and Accumulation System

NOTE: Rubrics, checklists and evaluation formats are elaborated by using the performance criteria described in each stage of the module.

## **SUPLEMENTO COVID-19**

Siguiendo las recomendaciones de la Secretaría de Salud del país y la Rectoría de la Universidad, ante la coyuntura de salud COVID-19, la organización de la docencia desde marzo del 2020, seguirá un modelo híbrido, donde la docencia se ajustará a los horarios aprobados por la Secretaría de Salud siguiendo un modelo de Presencialidad / No presencialidad en la medida en que las circunstancias sanitarias y la normativa lo permitan. Los estudiantes asistirán a las clases de manera no presencial mediante la transmisión de las mismas de manera síncrona/asíncrona vía "on line".

<sup>1</sup> UANL credit = 30 hours