**UNIVERSIDAD VERACRUZANA**

**PROGRAM CONTENT**

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| **PROGRAM:** | School of Medicine |
| **LEVEL:** | Bachelor’s degree |
| **PLAN:**  | 2004 |

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| **MISION** |
| To train competent practitioners to promote health, prevent, diagnose, treat and rehabilitate diseases that affect the population through a relevant, quality education program that promotes research, knowledge sharing, innovation and sustainability.  |
| **VISION** |
| In 2018, the education program of General Medicine Degree of Universidad Veracruzana will be accredited and certified to train competent and humanistic professionals, recognized in the state, national and international fields, linking with the sectors of society through teaching, research, dissemination, with a modern and innovative academic and administrative organization based on university legislation. |
| **OBJECTIVE** |
| To train competent professionals in the intellectual, human, social and professional with scientific, ethical, moral and humanistic training, trained in health research and self-learning, committed, responsible, disciplined, respectful, fair and honest in the exercise of medical care at different levels; promotion, prevention, diagnosis, cure and rehabilitation to promote a state of integral health that favors individual, family and community well-being. |
| **SPECIFIC OBJECTIVES** |
| 1. **HUMANE OBJECTIVE:** To train practitioners tolerant, respectful, disciplined, fulfilled, solidary, empathetic and dignified in the exercise of the profession that is integrated in the community in a continuous personal improvement in its emotional, spiritual and corporal dimensions.
2. **PROFESSIONAL OBJECTIVE:** To provide the student with educational experiences that allow the development of theoretical, heuristic and axiological knowledge that support the knowledge of the General Practitioner, related to the health problems affecting the population to apply preventive, curative and rehabilitation measures in the health-illness process in the individual professional field.
3. **INTELECTUAL OBJECTIVE:** To develop in the student the ability of thinking with an evaluation criteria in a independent, constructive and purposeful way as well as the spirit of improvement, persistence, and planning in its life-profession project. This facilitates the acquisition of current technological and scientific knowledge through an education program that offers the preparation of the highest academic value.
4. **SOCIAL OBJECTIVE:** To contribute to the strengthening of values and attitudes that allow the individual to relate itself, live with others, work as a team to propose solutions to health problems and to improve the life quality of the population.
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| **APPLICANT PROFILE** |
| Being medicine an eminently humanistic profession and its work element, the human being. The applicant selection to study this degree must be as scrupulous as possible and the characteristics of the profile required will be extremely ambitious and demanding, seeking that the student of such discipline possesses the attributes listed below, which themselves will provide access to the knowledge essential for their professional training.Therefore, the applicant profile to join School of Medicine in Universidad Veracruzana will include:**Abilities & Aptitudes** * Intellectual capacity (analysis, synthesis, evaluation, understanding, determination and memorizing).
* Capacity to learn independently.
* Manual dexterity.
* Capacity to identify and solve problems.
* Capacity to take decisions.
* Capacity for spoken-written communication.
* Capacity to work as a team.
* Capacity to tolerate anxiety and frustration.
* Capacity to distinguish the role of the doctor in the society.

**Values & Attitudes*** Honesty
* Responsibility
* Perseverance
* Respect for the ecology
* Interest in the profession
* Having a clear awareness of the country’s socioeconomic problems.
* Creativity
* Respect for the human rights
* Positive attitude
* Critical-constructive thinking
* Broadmindedness
* Desire to improve.
* Interest in research
* Service vocation for the medical exercise.
* Commitment to the physical-mental health care.

**Knowledge**: Having the knowledge essential of higher middle education.  |
| **GRADUATE PROFILE** |
| The graduate who finishes its studies in the school of medicine, endorsed academically by Universidad Veracruzana with a degree recognized by the corresponding instances based on the curricular structure of the bachelor’s degree, which have to gather a dynamic profile, according to the health needs of the population, with the following characteristics:1. Studying man as a biopsychosocial entity, applying the concept of integral care in the health-illness process.
2. Possessing the indispensable knowledge in the socio medical subjects to understand and interpret the environmental and social factors of the health - disease process in the community, allowing it to participate in the priority programs of the national health system.
3. Having the capacity and attitude for the implementation of preventive procedures that interact in the curative function of medical practice, adopting as a principle, promotion and prevention actions, applicable at individual, family and collective levels.
4. Sharing the responsibility of managing in a comprehensive way the patient's health situation, with a humane and respectful treatment that favors the reincorporation and integration of the patient into society.
5. Capacity to develop educational activities aimed at promoting health and actions to prevent and control communicable and non-communicable diseases of higher incidence and/or prevalence at individual, family and collective level
6. Respecting the patient and family’s behavior and ideology against the disease through the patient-doctor relationship and seek acceptance of preventive and therapeutic medical measures.
7. Accepting and applying the postulates and recommendations about ethics dictated by national and international organizations.
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| **GRADUATE COMPETENCIES** |
| 1. **Intervention**: To intervene in the individual-collective health conservation and preservation, as well as in the attention and/or solution of health problems through the implementation of specific theories and methodologies of the degree, with social responsibility, solidarity and ethics professional.
2. **Communication**: To communicate to individual, family, society and health team the knowledge related to the disease-health process, with a plain and explicit language, assuming an ethical attitude of commitment and responsibility, willingness to dialogue giving opportunity to feedback using communicative skills, resources and proper techniques to satisfy the real and perceived health needs of the population in its care.
3. **Planning:** To plan strategies to care for the individual, family, society and environment based on knowledge of the health-disease process to organize, execute and control actions within a socio-economic, political and cultural environment, where the exercise of their profession is inserted with ethics and enthusiasm, contributing to the health prevention, conservation and improvement.
4. **Research:** To study conditions and/or factors that affect the patient health and the population through the search for information and the use of scientific method, in order to generate and develop knowledge that leads the professional to make pertinent decisions contributing to strengthen health and life quality.
5. **Education**: To educate the individual, family and society with a preventive approach to strengthen healthy behaviors based on a health diagnosis, through resources and techniques appropriate to the situation, applying knowledge based on the health-disease process with social responsibility.
6. **Diagnostic:** To diagnose situations that affect the patient health and the population through the collection, analysis and interpretation of the information with a theoretical and methodological principles and a critical, objective and responsible attitude. This is to issue a qualitative and/or quantitative judgment that allow the professional to make decisions that contribute to prevent and/or solve the health problem.
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| **KNOWLEDGE AND SKILLS**  |
| Our professionals:1. Have the basic knowledge to understand the morphological, physiological and biochemical phenomena of the individual, allowing it to understand the clinical expressions of pathological processes caused by various agents that alter the normal condition of the human being.
2. Are capable to apply the methodology for the collection, organization, recording and processing of the clinical data of their patients to obtain a presumptive diagnosis and to indicate the diagnostic auxiliaries necessary to ratify or rectify the initial clinical diagnoses, prescribing the therapeutic agents that modify the disease evolution, restoring the health condition.
3. Have pharmacological knowledge that allow them the medical prescription of daily use to the doctor.
4. Are capable to carry out an adequate management in the preventive, hygienic nutritional and rehabilitation aspect to maintain in optimum conditions the standard condition of the individual in the different stages of its life.
5. Make clinical diagnosis, medical, hygienic and nutritional control of gestation, prenatal control, normal delivery care, and normal puerperium control.
6. Recognize high-risk pregnancies to apply prevention, treatment or referral measures to second or third level of care.
7. Apply preventive medical measures in the newborn, prescribe breastfeeding and are trained in the infant's subsequent nutrition. They also indicate the national immunization scheme; carry out the prevention, diagnosis and treatment of the most common diseases in childhood.
8. Recognize the importance of the psychosomatic component of the disease in the different phases of age and sex, with the purpose of identifying the correct management or channeling for their specialized care in case of need. Consequently, they perform medical evaluation, clinical diagnosis, as well as their preventive and therapeutic actions in the chronic degenerative diseases of greater impact in the population.
9. Apply prevention measures to prevent sexually transmitted diseases and give the necessary information to the individual and the family nucleus about sexuality and sexual hygiene, and indicate the current methodology for family planning.
10. Diagnose and apply preventive and therapeutic medical actions in case of diseases caused by bacteria, viruses, fungi, protozoa and parasites of greater prevalence at state and national level.
11. Are qualified for the disease diagnosis, treatment and control of the different medical specialties that are susceptible of handling in the first care level, channeling the problems that require solution to a second or third level of attention.
12. Perform minor skin surgery procedures and surface planes, wound suture and fracture immobilization.
13. Possess basic knowledge of surgical pathology for the diagnosis and surgical indications in the most frequent pathologies and are part of the surgical team in general surgery and gynecological - obstetrics.
14. Know and apply the administration techniques of local and analgesic anesthesia, and inhalation methods.
15. Apply the necessary therapeutic or surgical measures in pathological condition that require urgent care, resuscitation techniques, clinical record, fluid and electrolyte replacement, hemorrhage inhibition, osteomioarticular reductions and immobilization in order to stabilize the general condition of patients and channel them for their specialized medical care.
16. Know the epidemiological aspects and the classification of the occupational diseases and by accident of greater frequency in the work environment.
17. Carry out the presumptive diagnosis of mental illnesses, deriving the patients to the specialized psychiatric means, and they are able to continue the treatment and recovery process of the same ones.
18. Are qualified to issue medical reports, death certificates and decisions of legal type, prescribe medication of normal and controlled distribution.
19. Know the legal medical classification of injuries, the diagnosis of death and its probable effect, in case of need; participate through autopsies for evidence, and the macroscopic causes of it.
20. Clinically value states of intoxication by psychotropic enervating substances, common poisons, alcohol and medicine, applying the urgent measures necessary to avoid death or channel the patient for its specialized care.
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| **GRADUATED DOCTOR’S ATTITUDES AND VALUES** |
| Our medical graduates:1. Recognize the School of Medicine of Universidad Veracruzana was created based on the social requirements to the needs of population in health issue, generating a commitment of service in front of the society.
2. Have an attitude to communicate and work in multidisciplinary health teams, assuming the responsibility that allows them to adapt to the circumstances.
3. Possess vast knowledge that gives them the ability to practice general medicine, with efficiency and quality or to access postgraduate studies, research, teaching or medical administration.
4. Recognize their limits and scope in the knowledge and skills with professionalism, so they are capable of a self-criticism process, causing to avoid iatrogenic risks in their actions.
5. Maintain permanently the interest for the profession and disposition in the permanent update of knowledge to enrich their collection in the updated scientific information.
6. Recognizes cultural expressions, beliefs and regional traditions, as well as the changes that globalization of science generates in the field of medicine, always seeking scientific development.
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| **RESEARCH** |
| Our medical professionals:1. Have the necessary knowledge about the methodology of scientific research to develop works that must be relevant, of quality and be directed to the sustainable development of the state and the country.
2. Recognize that the research work must focus on the innovation of knowledge so that it affects the quality of medical services.
3. Have the capacity of abstraction to evaluate and apply the knowledge of scientific research for its implementation in the health field.
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