Catalogue of One-Cycle Program

(Delivered in English)

2025

Content

About International Black Sea University

The International Black Sea University (IBSU) has been engaged in educational and scientific activities since 1995. The university is the first English-language educational institution in Georgia, which provides programs in both English and Georgian languages at all three levels of education.

More than 200 local and invited professors from different countries provide a high level of education at the university. International Black Sea University offers many opportunities to students. Namely: diverse public lectures, discussions with experts in various fields, participation in local and international conferences, mock trials, access to more than 25,000 books in the library and constantly updated electronic literature, involvement in more than 30 different clubs; Participation in various sports tournaments, opportunity of training in the gym, basketball court, open and closed stadiums, excursions, picnics, hiking and other extracurricular activities.

More than 4,500 graduates of the International Black Sea University hold a higher education diploma issued by the university. IBSU students actively benefit from exchange programs. The university has signed 70 memorandums with educational institutions of 24 countries. IBSU is involved in Erasmus+ and DAAD projects.

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School of Medicine

Medical Doctor

Name of the Educational Programme:	**Medical Doctor**
Awarded Qualification:	Medical Doctor/MD (0912)
Credit Value of the Programme:	360 ECTS
Language of Education:	English
Programme Admission Preconditions:	a relevant document (certificate) confirming complete general education (confirmed by the state) or a document equivalent to it; - a document confirming the passing of the unified national exams in accordance with the rules approved by the Ministry of Education and Science of Georgia - Overcoming the minimum competence at the unified national exams, except for the English language exam. The minimum level of competence in English is more than 50%. Knowledge of the English language at B2 level - presentation of a certificate confirming general European language skills at B2 level (IELTS, TOEFL, Cambridge English, UNIcert®, EnglishScore, etc.). In the absence of such, the university checks the level of knowledge of the English language according to the regulations developed by it and the requirements of the applicable national sectoral characteristics of pre-diploma medical education). In the cases provided for by the legislation, enrollment is possible in accordance with the rules established by the legislation, without passing the unified national exams. Conditions for admission to the program for citizens of foreign countries and stateless persons without passing the unified national exams are the following:

	a) for citizens of foreign countries and stateless persons who received full general education or its equivalent in a foreign country, or for citizens of foreign countries and stateless persons (except those who are simultaneously citizens of Georgia) who received full general education or its equivalent in Georgia through foreign or international programs recognized by Georgia; b) for Georgian citizens who received full general education or its equivalent in a foreign country and completed the last two years of full general education in a foreign country; c) for citizens of foreign countries (except for students participating in a joint higher education program and students participating in an exchange education program), who study/studied and received credits/qualifications in a foreign country in a higher education institution recognized in accordance with the legislation of this country; d) for Georgian citizens (except students participating in a joint higher education program and students participating in an exchange education program) who live/lived, study/studied, and received credits/qualification in a foreign country at a higher education institution recognized under Georgian law for at least 75 days during one of the semesters in an educational institution. Also, the following are prerequisites for admission of an applicant to a certified doctor's educational program without the unified national exams in the manner established by legislation and within the established deadlines: Knowledge of English language at B2 level - providing a certificate (IELTS, TOEFL, Cambridge English, UNIcert®, EnglishScore, etc.) confirming general European language skills at B2 level. In the absence of such, the university checks the level of knowledge of the English language through a language proficiency test, which includes: listening, comprehension and analysis of the read text, speaking and corresponds to the requirements of the current national pre-diploma medical education. Or for entrants who are citizens of a foreign country with an English-language education, upon presenting a relevant document (e.g. school diploma, certificate, etc.). It is possible to enroll in the program on a mobility basis in accordance with the law.

	In order to provide information about the programs operating in the university, International Black Sea University systematically holds meetings with applicants from all over the country and with international applicants as needed. During the meetings, entrants are provided with detailed information about the school's programs (in addition to oral communication, relevant information brochures are also distributed to them). The program and the prerequisites for enrolling in the program are posted on the university's website and are available to all interested persons. Information is also disseminated through social networks, and interested candidates are consulted by telephone and e-mail. **the subject(s) to be taken at the unified national exams, which are determined by the Higher Education Institution** • Georgian language and literature, • English language (The minimum level of competence in English is more than 50%.) • biology, • one of the following three subjects: mathematics / physics /chemistry.
Purpose of the Programme:	The goals of the medicine program are: 1. Providing medical education based on modern international standards and evidences, which will be in line with the trends of developments in medicine, the progress of medical technologies and global challenges. 2. Applying the principle of result-oriented education and modern teaching methods, transforming theoretical knowledge into practical skills, forming clinical, analytical and communication skills – in order to ensure competitiveness in the local and international labor markets. 3. Development of patient-oriented ethical values and attitudes, respect for the rights and interests of the patient, regardless of his/her social, cultural, religious and ethnic affiliation. 4. Developing the ability to plan, implement and analyze scientific research activities. Internalizing the principles of professional ethics of biomedical research and scientific discussions.

	5. Forming the habit of independent active self-learning, need for continuous professional skills, development of motivation to constantly strive for increasing professionalism, personal and collective responsibility.	
Learning outcome	The learning outcomes of the Program of Medical Doctor are systematized on the basis of the National Qualifications Framework (NQF) evaluation criteria and the integration of competencies in the field of medicine, dividing 3 NQF domains (Knowledge and Understanding, Skills, and Responsibility and Autonomy) into 14 outcomes aligned with 14 competencies in the Sectoral Benchmarks of High Medical Education of the National Center for Educational Quality Enhancement.	
	Knowledge and Understanding	**Learning Outcome 1: (K1) In-depth and systematic knowledge and understanding of the basic principles of biomedical, behavioral, social, clinical sciences and of the medical field** Program Graduate: 1.1. Demonstrates deep and systematic knowledge of biomedical sciences, critical thinking, which creates the basis for innovation and the development of original ideas. 1.2. Examines and compares the structural organization characteristic of normal and pathological processes, the mechanisms of functional changes and metabolism - at the molecular, cellular, tissue, organ and system levels. 1.3. Discusses the function, components and characteristics of the immune system. Compares innate and acquired, humoral and cellular immunity. Analyzes the mechanisms of regulation and control of immune response disorders. 1.4. Evaluates the correlation between the development of pathological changes and mechanisms and the clinical manifestations of diseases when considering genetic (hereditary) diseases, inflammation, metaplasia, infection, autoimmune processes.

		1.5. Discusses social and behavioral factors, explains their role in the development of pathological processes 1.6. Demonstrates in-depth and systematic knowledge of clinical medicine and integration with basic subjects. Describes the basic nosologies of internal medicine, surgery and their subspecialties, as well as obstetrics-gynecology, pediatrics, psychiatry. Classifies them, discusses their etiology, discusses their pathogenesis, compares their symptoms, diagnostic methods, and differentiates them. 1.7. Demonstrates knowledge of different methods of disease management and compares their area of use, indications, benefits and effectiveness. 1.8. Describes and evaluates the mechanisms of drug effects, their pharmacokinetics and pharmacodynamics, indications, contraindications, side effects and principles of their dosage regulation. 1.9. Evaluates the importance of the public health system and the role of the physician in the cost-effective management of individual and population health using this system. 1.10. Reveals deep knowledge of ethical and legal principles of medicine and patient rights.
	Skills	**Learning Outcome 2: (Competence S1) - Patient consultation Program Graduate:** 2.1. In the process of consulting a patient of any age, implements the proper structuring, proper communication and effective management of the patient appointment. 2.2. Obtains anamnesis from the patient as well as from other sources (with the patient's consent).

		2.3. Conducts physical examination of patients of any age in compliance with the standard of consultation. 2.4. Assesses the patient's psycho-emotional state and determines the need for appropriate advice or specialist consultation. Expresses patient support. 2.5. Makes decisions based on theoretical knowledge and clinical thinking and provides reasonable recommendations to the patient.\ **Learning Outcome 3 (Competence S2): Assess clinical case, schedule examinations, differential diagnosis, discuss disease management plan. Program Graduate**: 3.1. Recognizes and evaluates the complexity of the clinical case manifestation of the disease when assessing a patient of any age. 3.2. Conducts the optimal set of examinations based on theoretical knowledge and patient data and interprets the results of the examinations. 3.3. Conducts differential diagnosis based on critical analysis of clinical, instrumental and laboratory data and determines the diagnosis of the patient's major and concomitant diseases. 3.4. Introduces treatment tactics, to the patient and his / her caregivers; seeks agreement, explains and advises. 3.5. Takes care of the terminal patient and his/her family 3.6. Demonstrates the management of chronic disease. **Learning Outcome 4 (Competence S3): Emergency Medical Assistance (First Aid and Resuscitation) The program graduate demonstrates the following skills:** 4.1. Identifying and evaluating an emergency medical condition; 4.2. Basic first aid in different age groups (infants, children, the elderly); 4.3. Carrying out basic life-sustaining and cardiopulmonary resuscitation measures in accordance with the guidelines;

		4.4. Carrying out extended life-saving measures in accordance with the guidelines; 4.5. Carrying out emergency assistance measures during injuries. **Learning Outcome 5 (Competence S4): Medication Selection and Prescription Program Graduate:** 5.1. Selects drugs and doses by taking into account the clinical context 5.2. Prescribes medications clearly and accurately 5.3. Analyzes the relationship between drug benefit and potential side effects risk for the patient 5.4. Considers the interaction and compatibility of different medications when prescribing treatment to a particular patient 5.5. Performs treatment of pain and distress. **Learning Outcome 6 (Competence S5): Implementation of practical procedures Program Graduate: Demonstrates practical diagnostic and treatment procedures:** 6.1. Vital signs detection: pulse, breathing, and temperature (of a patient) 6.2. Blood pressure readings (of a patient) 6.3. Determination of saturation (of a patient) 6.4. Peripheral venipuncture (on a simulator) 6.5. Peripheral vein catheterization (on a simulator) 6.6. Administering medication into a vein and using an infusion device (on a simulator) 6.7. Injection under the skin and into the muscle (on a simulator) 6.8. Oxygen therapy (of a patient) 6.9. Patient transportation and treatment (simulated patient) 6.10. Putting a stitch (on a simulator) 6.11. Wound dressing (simulated patient) 6.12. Bladder catheterization (on a simulator)

		6.13. Taking an electrocardiogram (on a patient) 6.14. Conducting functional tests of the respiratory system 6.15. Use of inhalation medications 6.16. Washing hand 6.17. Swabbing the nose and throat (on the simulator) 6.18. Use and disposal of personal protective equipment (gloves, coveralls, goggles, shield, mask, respirator, boots). **Learning Outcome 7 (Competence S6): Implementing effective communication in a medical context Program Graduate**: 7.1. Conducts effective verbal or written communication with the patient, relatives, colleagues, and others (regardless of their social, cultural, religious, or ethnic background), in the context and scope of comprehensive medical care, physician duties, and applicable regulations; 7.2. Able to communicate with relatives (and / or caregivers) - to provide explanation / clarification of the diagnosis and / or to provide explanations / advice / recommendations for care / treatment / prevention (including finding using information technology). 7.3. Able to communicate with people with disabilities and / or assistants; 7.4. Provides written communication (including medical records and electronic medical histories) with healthcare, law enforcement and the media; 7.5. Able to communicate bad news messages properly and / or communicate in the event of a conflict. **Learning Outcome 8 (Competence S7): Application of ethical and legal principles in medical practice. Program Graduate**: 8.1. Expresses respect for the dignity and rights of the patient, including the right to participate in decision-making about medical care.

		8.2. Receives valid informed consent from the patient in accordance with the law when providing medical services and makes an appropriate entry in the documentation; 8.3. Expresses support for the patient and respect for his / her rights; Adheres to moral and ethical norms in relation to the patient; 8.4. Maintains confidentiality about the patient's condition; 8.5. If necessary, requests an autopsy and / or issues a death certificate (in cases provided by the legislation of Georgia). 8.6. Uses Georgian and international legislation in the treatment of the patient; 8.7. Manages medical activities in a multicultural society. **Learning Outcome 9 (Competence S8): Consideration, identification and evaluation of the psychological and social aspects of the patient's illness. Program Graduate:** 9.1. Assess the patient's psycho-emotional status and the psychological and social factors of disease manifestation and impact on the patient. 9.2. Identifies disease-related stress; 9.3. Determines the patient's possible dependence on alcohol, drug addiction, other possible forms of addiction (gambling, Internet addiction). **Learning Outcome 10 (Competence S9): Applying Evidence-Based Principles, Skills, and Knowledge Program Graduate:** 10.1. Able to identify a problem, ask relevant questions about the issue, and effectively find answers to questions in the scientific literature. 10.2. Carries out a critical analysis of the medical literature, evaluates the quality of the evidence presented in the articles, and makes proper use of convincing data in decision-making in practice - for maximum benefit to the patient; 10.3. Discusses the evidence used in clinical decision making with colleagues and other health professionals, thereby promoting the dissemination of evidence-

		based principles, knowledge and skills and their widespread introduction into the medical community **Learning Outcome 11: (Competence S10) Effective use of information and information technology in a medical context Program Graduate**: 11.1. Effectively uses modern information technologies in practical activities; 11.2. Properly keeps and maintains complete clinical records; 11.3. Carries out specific information resources, retains them and then uses them in practical activities 11.4. Maintains personal records (portfolio) of learning, practical skills and professional activities **Learning Outcome # 12 (Competence S11). Application of scientific principles, methods and knowledge of biomedicine in medical practice and research. Program Graduate:** 12.1. Demonstrates knowledge of scientific research methodology, scientific code and ethical principles. 12.2. Demonstrates the ability to select research design, detailed planning, process results, and formulate conclusions. 12.3. Finds and uses in recent practice the latest advances in evidence-based biomedical research. 12.4. Prepares an abstract / review based on the critical analysis of the field scientific literature. 12.5. Presents the results of its research, arguments and conclusions to both the academic and professional community, in the form of a proper presentation, adhering to the principles of academic good faith.

		Learning Outcome # 13 (Competence S12). Implement health promotion measures, engage in public health issues, work effectively in the health care system. Program Graduate: 13.1. Actively engages in the discussion of public health issues and in the process of improving the health of the community and the population. 13.2. Advocates for increasing the efficiency of the health care system by taking disease prevention measures. 13.3. Participates in health promotion activities at both individual and population level. 13.4. Understands the importance of preventing the spread of infections and advocates for these measures to enhance public health safety 13.5. Understands and evaluates one's own health condition and possible problems, including those related to professional duties. 13.6. Plans and implements measures to improve their own health - through the introduction of a healthy lifestyle and the elimination of harmful habits, and by introducing role models – and thereby enhances public awareness.
	Responsibility and autonomy	**Learning Outcome # 14 (Competence RA13). Values and professionalism Program Graduate:** 14.1. Self-assesses his/her own level of knowledge and selects priorities, makes changes to the individual curriculum and uses learning resources according to adapted plan for moving to the next level of study. 14.2. Confirms the high standard of personal values and professionalism necessary for a doctor through personal qualities and activities: impartiality, honesty, fairness, creativity, sociability, collegiality, initiative, altruism, empathy (compassion).

		14.3. Able to display expert qualities - in terms of analysis, synthesis, continuous learning, application of scientific research knowledge in practice, mentoring. 14.4. Demonstrates the ability to plan and organize time, prioritize, meet deadlines, and perform agreed-upon work at a high level. 14.5. Demonstrates the following skills necessary for teamwork: responsibility, critical and self-critical attitude, finding a way out of an uncertain situation, adapting to a new situation, creativity, working independently, understanding one's own capabilities and asking for help in a timely manner. 14.6. Able to develop and effectively demonstrate the following qualities of a team leader: Adequate assessment of team members' capabilities, distribution of functions, work planning, activity coordination, feedback, prevention / management of conflict and force majeure situations. 14.7. Expresses the skills characteristic of multiculturalism: knowledge of a second language, respect for different cultures, willingness to work in an international environment, extra-professional knowledge.
Evaluation Criteria	A minimum competency threshold of 51% is set for students in both midterm and final assessment forms. A student must score a total of 51% of 70 points in the midterms in order to pass the final exam (multiple-choice test + practical skills demonstration - in body organ system modules, written situational tests - public health, test + OSCE - step-by-step examination in body systems, test + OSCE - clinical and communication skills, clinical subjects, etc.). A student is considered to have passed the final exam if he/she gets 51% or more out of 30 points. In case of getting a score of less than 51% in the final assessment, the subject is not considered as passed. The grading system allows: Five types of positive grades: a) (A) Excellent – 91-100 points; b) (B)Very good – 81-90 points; c) (C) Good - 71-80 points; d) (D) Satisfactory - 61-70 points;	

	e) (E) Enough - 51-60 points; Two types of negative grades: a) (FX) Fail – 41-50 points, meaning that a student requires some more work before passing and is given a chance to sit an additional examination after independent work; b) (F) Fail – 40 points and less, meaning that the work of a student isn't acceptable and he/she has to study the subject anew. Students are awarded credits on the basis of the final evaluation comprising the total of the interim and the final scores. The student's learning outcomes include the interim and final evaluations which are allocated relative proportions out of the total score (100 points) and a minimum competence level is fixed. Namely, out of the 100 points, the interim results are allocated 70 points, while the Final results – 30 points. In both of the components (interim and the final) the minimum competency barrier to be reached is fixed. The interim evaluation includes grading components the total of which is 70 points. For each learning component evaluation is based on the pre-determined learning goals, task-oriented clear criteria and the learning rubrics drawn on their basis. In the interim results the student has to accumulate at least 51% of the 70 points to be allowed to take the Final Exam. The student's Final Examination is deemed Passed, if he/she gets 51% of the total 30 points. In case the student fails to overcome the minimum competency barrier of the Final Exam, he/she is allowed to re-take the examination. The student shall re-take the Final Examination within the period prescribe by the academic calendar no later than 5 days after announcement of the results of the Final Exam. In case the student has 0-50 points in the Final Grade or fails to overcome the minimum competency barrier in any form of the evaluation (Midterm/Final Exams), he/she shall be given a Grade of "F-0".
Field of Employment:	A graduate of the "Medical Doctor" Program has the right: a) to undergo a professional development program in residency (or an equivalent professional program abroad, recognized by the legislation of that country) and after successfully passing the unified state certification exam, be granted the right to carry out independent professional activities. b) to engage in research or medical-educational process in the theoretical fields of medicine or in the field of healthcare, which does not include independent medical activity. c) to continue his studies at the third level of higher education - doctorate or

	d) to work as a junior doctor (under the guidance and instructions of a person with the right to independent medical activity).

Course / Module / Internship / Research Component	Status	ECTS Credit	Distribution of credits per courses and semesters												Distribution of Hours					
			I Year		II Year		III Year		IV Year		V Year		VI Year							
			I Semester	II Semester	III Semester	IV Semester	V Semester	VI Semester	VII Semester	VIII Semester	IX Semester	X Semester	XI Semester	XII Semester	Lecture/ Seminar	Midterm exam	Final exam	Total number of contact hours	Independent work	Total number of hours
Body Systems & Functions I (Musculoskeletal System; Anatomy / Histology)	Core	**7**	7												84	2	3	89	121	**210**
Body Systems & Functions II (Musculoskeletal System; Physiology/Biochemistry)	Core	**7**	7												84	2	3	89	121	**210**
Cell & Molecular Biology and Human Genetics I	Core	**3**	3												28	2	3	33	57	**90**
First Aid	Core	**3**	3												28	2	3	33	57	**90**
Communication Skills in Medicine	Core	**3**	3												28	2	3	33	57	**90**
Medical Biophysics	Core	**4**	4												42	2	3	47	73	**120**
Georgian I / Foreign Language I (German / French / Turkish)[1]	Core	**4**	4*												42	2	3	47	73	**120**

Body Systems & Functions III (Nervous System)	Core	**9**		9											112	2	3	117	153	**270**
Body Systems & Functions IV (Respiratory & Cardio-Vascular System)	Core	**9**		9											112	2	3	117	153	**270**
Cell & Molecular Biology and Human Genetics II	Core	**3**		3											28	2	3	33	57	**90**
Clinical Skills I	Core	**4**		4											42	2	3	47	73	**120**
Georgian II / Foreign Language II (German / French / Turkish)	Core	**4**		4*											42	2	3	47	73	**120**
Body Systems & Functions V (Gastro-intestinal & Endocrine System)	Core	**8**			8										112	2	3	117	123	**240**
Research Skills & Methods I	Core	**3**			3										28	2	3	33	57	**90**
Clinical Skills II	Core	**4**			4										42	2	3	47	73	**120**
General Hygiene	Core	**3**			3										28	2	3	33	57	**90**
Pathology I	Core	**3**			3										28	2	3	33	57	**90**
Immunology	Core	**4**			4										42	2	3	47	73	**120**
Georgian III / Foreign Language III (German / French / Turkish)	Core	**4**			4*										42	2	3	47	73	**120**
Body Systems & Functions VI (Urine & Reproductive System)	Core	**6**				6									56	2	3	61	119	**180**
Body Systems & Functions VII (Special Sense Organs)	Core	**5**				5									56	2	3	61	89	**150**
Microbiology, Virology I	Core	**4**				4									42	2	3	47	73	**120**
Pathology II	Core	**3**				3									28	2	3	33	57	**90**

Epidemiology	Core	**4**				4									42	2	3	47	73	**120**
Research Skills & Methods II	Core	**3**				3									28	2	3	33	57	**90**
Behavioral Sciences, Medical Ethics and law	Core	**4**				4									42	2	3	47	73	**120**
Microbiology, Virology II	Core	**4**					4								42	2	3	47	73	**120**
Clinical Anatomy	Core	**5**					5								42	2	3	47	103	**150**
Pathology III	Core	**3**					3								28	2	3	33	57	**90**
Biostatistics	Core	**3**					3								28	2	3	33	57	**90**
Basic Pharmacology I	Core	**4**					4								42	2	3	47	73	**120**
Introduction to Internal Medicine I	Core	**5**					5								42	2	3	47	103	**150**
Surgery I	Core	**4**					4								42	2	3	47	73	**120**
Basic Pharmacology II	Core	**4**						4							42	2	3	47	73	**120**
Basics of Radiology	Core	**4**						4							42	2	3	47	73	**120**
Medical Psychology	Core	**3**						3							28	2	3	33	57	**90**
Pathology IV	Core	**3**						3							28	2	3	33	57	**90**
Public Health	Core	**3**						3							28	2	3	33	57	**90**
Introduction to Internal Medicine II	Core	**5**						5							42	2	3	47	103	**150**
Surgery II	Core	**4**						4							42	2	3	47	73	**120**
Pediatrics I	Core	**4**						4							42	2	3	47	73	**120**
Surgery III	Core	**5**							5						60	2	3	65	85	**150**
Otorhinolaryngology	Core	**4**							4						44	2	3	49	71	**120**
Dermatovenerology	Core	**4**							4						44	2	3	49	71	**120**

Parasitology	Core	**4**							4						44	2	3	49	71	**120**
Neurology	Core	**5**							5						60	2	3	65	85	**150**
Internal Medicine I (Cardiology & Pulmonology)	Core	**6**							6						64	2	3	69	111	**180**
Traumatology and Orthopedics	Core	**6**								6					64	2	3	69	111	**180**
Internal Medicine II (Gastroenterology & Hematology)	Core	**7**								7					85	2	3	90	120	**210**
Pediatrics II	Core	**4**								4					44	2	3	49	71	**120**
Infectious diseases I	Core	**6**								6					64	2	3	69	111	**180**
Gynecology	Core	**5**								5					60	2	3	65	85	**150**
Clinical Skills III	Core	**2**								2					28	2	3	33	27	**60**
Obstetrics	Core	**5**									5				60	2	3	65	85	**150**
Psychiatry	Core	**4**									4				44	2	3	49	71	**120**
Internal Medicine III (Rheumatology, Nephrology, Endocrinology & Metabolic Disorders)	Core	**9**									9				112	2	3	117	153	**270**
Urology	Core	**4**									4				44	2	3	49	71	**120**
Pediatrics III	Core	**4**									4				44	2	3	49	71	**120**
Clinical Skills IV	Core	**2**									2				28	2	3	33	27	**60**
E-Health	Core	**3**										3			33	2	3	38	52	**90**
Surgery IV	Core	**5**										5			60	2	3	65	85	**150**
Critical Care & Emergency Medicine	Core	**7**										7			85	2	3	90	120	**210**

Forensic Medicine	Core	**5**										5			60	2	3	65	85	**150**
Ophthalmology	Core	**4**										4			44	2	3	49	71	**120**
Allergology & Clinical Immunology	Core	**6**										6			64	2	3	69	111	**180**
Oncology	Core	**4**											4		44	2	3	49	71	**120**
Clinical Radiology	Core	**5**											5		60	2	3	65	85	**150**
Clinical Pharmacology	Core	**5**											5		60	2	3	65	85	**150**
Clinical Clerkship I	Core	**6**											6		64	2	3	69	111	**180**
Infectious Diseases II	Core	**4**											4		44	2	3	49	71	**120**
Medical Rehabilitation & Sports Medicine	Core	**4**											4		44	2	3	49	71	**120**
Syndrome Based Diagnostics	Core	**6**												6	64	2	3	69	111	**180**
Family Medicine	Core	**4**												4	44	2	3	49	71	**120**
Geriatrics	Core	**4**												4	44	2	3	49	71	**120**
Clinical Clerkship II	Core	**7**												7	85	2	3	90	120	**210**
Anesthesiology, Resuscitation& Intensive care	Core	**5**												5	60	2	3	65	85	**150**
Course Work	Core	**4**												4	44	2	3	49	71	**120**
Elective Courses:[2]																				
History of Medicine	Elective	**2**			2*		2*		2*		2*		2*		28	2	3	33	27	**60**
Principles of Demography	Elective	**2**			2*		2*		2*		2*		2*		28	2	3	33	27	**60**
Medical Statistics & Health Management Information Systems	Elective	**2**					2*		2*		2*		2*		28	2	3	33	27	**60**

Health Policy and Management	Elective	**2**			2*		2*		2*		2*		2*		28	2	3	33	27	**60**
Sociology	Elective	**2**			2*		2*		2*		2*		2*		28	2	3	33	27	**60**
Medical Law	Elective	**2**					2*		2*		2*		2*		28	2	3	33	27	**60**
Nutrition	Elective	**2**							2*		2*		2*		28	2	3	33	27	**60**
Laboratory Medicine	Elective	**2**									2*		2*		28	2	3	33	27	**60**
Hospital Management	Elective	**2**							2*		2*		2*		28	2	3	33	27	**60**
Pain Management	Elective	**2**											2*		28	2	3	33	27	**60**
Tuberculosis	**Elective**	**2**									**2***		**2***		**28**	**2**	**3**	**33**	**27**	**60**