

Doctor in Society (DIS) Stream
MODULE 1A (FIRST YEAR - FIRST SEMESTER)

Credits: 1

Topic	Objectives	Teaching method/s	Time	Responsible Department
Introduction to Community Medicine – Scope & the relevance	<ul style="list-style-type: none"> ➤ Should understand that Community Medicine is a modern & practical subject to achieve good status of health of the population. ➤ Should know that knowledge on preventive health & services in preventing diseases are delivered in a systematic manner that requires special training. ➤ To appreciate that collective responsibility regarding preventing diseases locally & globally is achieved from the feedback from the field of Community Medicine 	Lecture	1 hour	Community Medicine
Doctor as a team leader	<ul style="list-style-type: none"> ➤ Should know the role & responsibilities of doctors. ➤ Should know how to work as a team leader with other leaders and with sub-ordinates ➤ Should be aware of the qualities a doctor should have to be a leader. 	Lecture	1 hour	Community Medicine
Introduction to Environmental Health	<p>Re cap what is meant by “ Environment”</p> <p>Describe how physical biological and social environment affect the</p>	Lecture	1 hour	Community Medicine

	<p>Health</p> <ul style="list-style-type: none"> ➤ Describe the changing health problems over the past decade due to industrialization urbanization , technological development etc. ➤ List the objectives of the environmental health programme of the dept of health in Sri Lanka. ➤ Identify and compare the environmental problems having major impacts on human health in urban rural & estate areas in Sri Lanka. 			
Water pollution	<ul style="list-style-type: none"> ➤ Describe the reasons for the “Fresh water problem” in world (Water short world) and describe the possible solutions. ➤ Describe the sources of water and their physical chemical & micro biological qualities ➤ List the features of a semi protected and a protected well and their importance in safeguarding health. ➤ List the water related infectious diseases and water related non-infectious diseases, and describe their prevention ➤ Describe large scale and household level water purification methods ➤ Write down the process carried out in chlorination of a well ➤ List the steps carried out in a water purifications plant and describe how each step will improve the quality of water 	Lecture	1 hour	Community Medicine

	<ul style="list-style-type: none"> ➤ List the common sources of water pollution in Sri Lanka and describe the possible solutions ➤ Describe the water quality standards implemented in Sri Lanka ➤ List the diseases associated with the use of swimming pools and Measures taken to control them. 			
Air Pollution	<ul style="list-style-type: none"> ➤ Define air pollution ➤ List the common ways by which indoor and outdoor air pollution occurs in Sri Lanka ➤ List the common air pollutants and their effects on health ➤ Describe the health effects of global warming and depletion of ozone layer. ➤ Describe the ways of preventing air pollution 	Lecturer	1 hour	Community Medicine
Sound pollution + Solid waste disposal	<ul style="list-style-type: none"> ➤ Know the maximum permissible levels of loudness Describe the ways of controlling excessive noise ➤ List auditory and non-auditory health effects due to sound pollution ➤ Describe the health hazards of improper solid waste disposal ➤ List the different methods of refuse disposal and their advantages and disadvantages ➤ Describe the principles of proper waste disposal ➤ What is hazardous waste? 	Lecture	1 hour	Community Medicine

	<ul style="list-style-type: none"> ➤ Describe the impact of hazardous waste on human health and describe the proper methods of hazardous waste disposal 			
Sewage disposal	<p>Describe the health hazards of improper excreta disposal</p> <ul style="list-style-type: none"> ➤ List the types of latrines used in Sri Lanka and the advantages and disadvantages of each type. ➤ Describe the function of a septic tank ➤ Describe the methods of modern sewage treatment and other methods such as oxidation ponds ➤ Describe what is biological O₂ demand (BOD) and Chemical O₂ demand (COD) ➤ List the authorities and their functions in respect to monitoring and implementation of laws concerning environmental pollution 	Lecture	1 hour	Community Medicine
Housing affecting the health of a human being + food hygiene	<ul style="list-style-type: none"> ➤ List the features of a healthy house. ➤ Describe the health effects of poor housing ➤ Describe the laws and regulations laid down in Sri Lanka to promote healthy housing. ➤ Describe the ways in which food becomes injurious to health ➤ List the authorized officers and the organizations 	Lecture	1 hour	Community Medicine

	<p>responsible for carrying out laws and regulations pertaining to food safety</p> <ul style="list-style-type: none"> ➤ List the steps taken by an authorized officer as a response to complaints made by consumers of a food item ➤ Describe the procedure of inspecting a food handling establishment and the maintenance of relevant records ➤ Describe the ways of maintaining food hygiene in Sri Lanka 			
Introduction to medical sociology	<p>Be able to understand the importance of medical sociology in various fields of medicine</p> <ul style="list-style-type: none"> ➤ Should be able to define culture ➤ be a able to appreciate the role played by culture in health and illness ➤ should be able to define health care systems in a cultural and a sociological manner 	Lecture	1 hour	Community Medicine
Application of theories of medical sociology	<p>Be able to understand and use basic theories and tools in medical sociology for analyzing health related problems</p> <ul style="list-style-type: none"> ➤ should know the basic theories in health behavior and education ➤ should know the basic models used to analyze health behavior 	Lecture	1 hour	Community Medicine

	<ul style="list-style-type: none"> ➤ be able to appreciate sociological factors that has given rise exceptionally good health indicators in Sri Lanka 			
Introduction to Forensic Medicine-branches, scope and the need	<ul style="list-style-type: none"> ➤ 'Define" forensic medicine ➤ List the branches of forensic medicine ➤ Describe the scope of each branch of forensic medicine ➤ State persons who perform medico-legal functions 	Lecture	1 hour	Forensic Medicine
Investigation of crimes	<ul style="list-style-type: none"> ➤ Define a crime ➤ State the persons involved in solving a crime ➤ Explain the role of each person in solving a crime 	Video presentation	2 hours	Forensic Medicine
		Lecture	1 hour	
Roles and responsibilities of a doctor in maintaining relationships	<ul style="list-style-type: none"> ➤ Explain the term doctor patient relationship ➤ Outline qualities of a doctor expected in a Dr/Pt relationship. ➤ Describe when such a relationship starts and ends ➤ Doctor–Doctor relationship : roles & responsibilities ➤ Dr Pt relationships – roles and responsibilities. ➤ Doctor – Society relationship: roles & responsibilities 	Mini Lecture/ Brain storming	1 hour	Forensic Medicine

