

## Time Table for First MBBS 2019-20

Quarter	Anatomy	Physiology	Biochemistry	Possible linker sessions	Early clinical exposure	AETCOM
1st quarter	<b>FOUNDATION COURSE</b>					
	<ul style="list-style-type: none"> <li>• General anatomy</li> <li>• General histology</li> <li>• General embryology</li> <li>• Upper limb</li> <li>• Thorax</li> </ul>	<ul style="list-style-type: none"> <li>• General physiology</li> <li>• Blood</li> <li>• Muscle-nerve physiology</li> <li>• CVS</li> </ul>	<ul style="list-style-type: none"> <li>• Cell structure</li> <li>• Membrane transport</li> <li>• Chemistry of carbohydrates</li> <li>• Extracellular matrix</li> <li>• Haemoglobin Chemistry</li> <li>• Chemistry of Nucleic acid</li> <li>• Biological Oxidation</li> <li>• Enzymes</li> <li>• Minerals</li> <li>• Metabolism of carbohydrates</li> </ul>	<ul style="list-style-type: none"> <li>• Overview of cardio vascular system</li> <li>• Overview of respiratory system</li> </ul>	<ul style="list-style-type: none"> <li>• 9 hours per department (6 hours for basic science correlation and 3 hours for clinical skills)</li> </ul>	<ul style="list-style-type: none"> <li>• Module 1.1 done in Foundation Course (8 hours)</li> <li>• Module 1.5 (4 hours)</li> <li>• Module 1.2 (8 hours)</li> </ul>
2nd quarter	<ul style="list-style-type: none"> <li>• Head &amp; Neck</li> <li>• Neuroanatomy</li> </ul>	<ul style="list-style-type: none"> <li>• CVS</li> <li>• RS</li> <li>• CNS</li> <li>• Special senses</li> </ul>	<ul style="list-style-type: none"> <li>• Lipid chemistry</li> <li>• Lipid metabolism</li> <li>• Acid base balance</li> <li>• Water and electrolyte balance</li> <li>• Vitamins</li> <li>• Renal function, tests and abnormalities</li> <li>• Haem metabolism</li> <li>• Liver function, tests and abnormalities</li> <li>• Genetics</li> </ul>	<ul style="list-style-type: none"> <li>• Thyroid disorders and overview of endocrine system</li> <li>• Central nervous system overview</li> </ul>	<ul style="list-style-type: none"> <li>• 9 hours per department (6 hours for basic science correlation and 3 hours for clinical skills)</li> </ul>	<ul style="list-style-type: none"> <li>• Module 1.3 (7hours)</li> </ul>

<p><b>3rd quarter</b></p> <p><i>Please note: Some of these topics may extend into the first part of the 4th quarter</i></p>	<ul style="list-style-type: none"> <li>• Abdomen</li> <li>• Pelvis</li> <li>• Lower limb</li> <li>• Genetics</li> </ul>	<ul style="list-style-type: none"> <li>• Endocrine</li> <li>• GIT</li> <li>• Renal</li> <li>• Reproductive</li> <li>• Integrated</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Hormone action</i></li> <li>• <i>Function, tests and abnormalities of thyroid and adrenal glands</i></li> <li>• <i>Diabetes mellitus</i></li> <li>• <i>Free radicals and antioxidants</i></li> <li>• <i>Chemistry of proteins</i></li> <li>• <i>Metabolism of amino acids</i></li> <li>• Integration of metabolism</li> <li>• Xenobiotics in disease</li> <li>• Nutrition</li> <li>• Immunity</li> <li>• Metabolism of cancer</li> <li>• Vaccine development</li> <li>• Automation and quality control</li> <li>• Biomedical waste management</li> </ul>	<ul style="list-style-type: none"> <li>• Jaundice /</li> <li>• Hepatitis</li> <li>• Renal failure</li> <li>• GIT related diseases</li> </ul>	<ul style="list-style-type: none"> <li>• 12 hours per department (6 hours for basic science correlation and 6 hours for clinical skills)</li> </ul>	<ul style="list-style-type: none"> <li>• Module 1.4 (7 hours)</li> </ul>
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