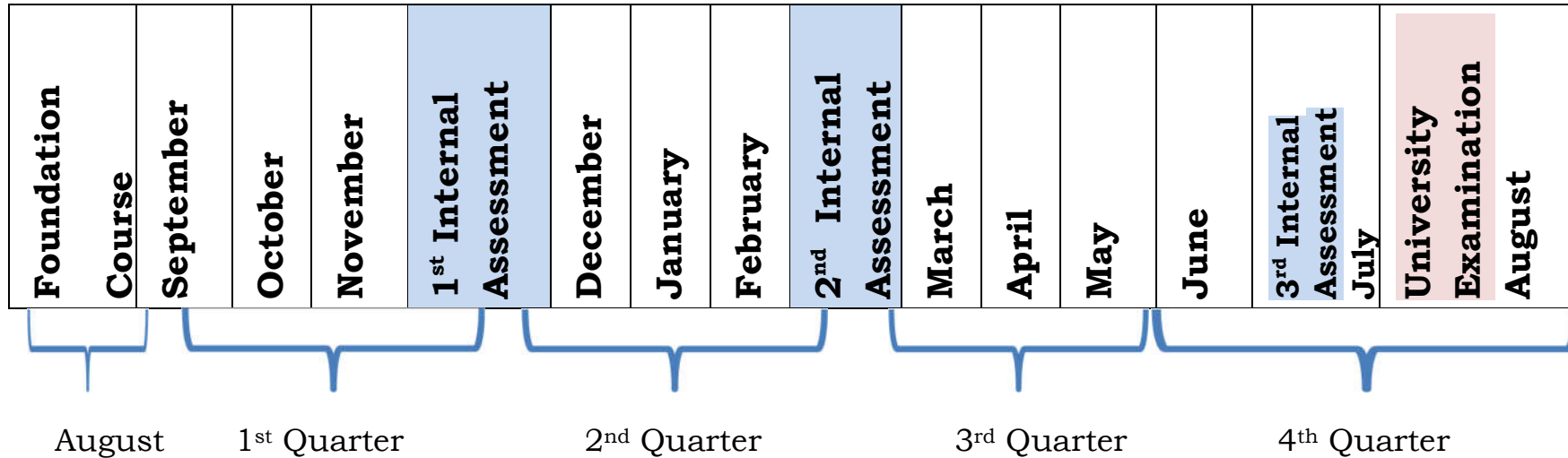




BROAD PLAN - QUARTER MODEL





Model Time Table for First MBBS 2019-20

Quarter	Anatomy	Physiology	Biochemistry	Possible linker sessions	Early clinical exposure	AETCOM
1st quarter	<ul style="list-style-type: none"> • General anatomy • General histology • General embryology • Upper limb • Thorax 	<ul style="list-style-type: none"> • General physiology • Blood • Muscle-nerve physiology • CVS 	<ul style="list-style-type: none"> • Cell structure • Membrane transport • Chemistry of carbohydrates • Extracellular matrix • Haemoglobin Chemistry • Chemistry of Nucleic acid • Biological Oxidation • Enzymes • Minerals • Metabolism of carbohydrates 	<ul style="list-style-type: none"> • Myocardial infarction • Heart failure 	<ul style="list-style-type: none"> • 9 hours per department (6 hours for basic science correlation and 3 hours for clinical skills) 	<ul style="list-style-type: none"> • Module 1.1 done in Foundation Course (8 hours) • Module 1.5 (4 hours) • Module 1.2 (8 hours)
2nd quarter	<ul style="list-style-type: none"> • Abdomen • Pelvis • Lower limb • Genetics 	<ul style="list-style-type: none"> • CVS • RS • GIT • Renal • Endocrine 	<ul style="list-style-type: none"> • Lipid chemistry • Lipid metabolism • Acid base balance • Water and electrolyte balance • Vitamins • Renal function, tests and abnormalities • Haem metabolism • Liver function, tests and abnormalities • Genetics 	<ul style="list-style-type: none"> • Jaundice • Renal failure 	<ul style="list-style-type: none"> • 9 hours per department (6 hours for basic science correlation and 3 hours for clinical skills) 	<ul style="list-style-type: none"> • Module 1.3 (7hours)

<p>3rd quarter</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"> • Head and neck • Neuroanatomy 	<ul style="list-style-type: none"> • Endocrine • Reproductive • CNS • Special senses • Integrated physiology 	<ul style="list-style-type: none"> • <i>Hormone action</i> • <i>Function, tests and abnormalities of thyroid and adrenal glands</i> • <i>Diabetes mellitus</i> • <i>Free radicals and antioxidants</i> • <i>Chemistry of proteins</i> • <i>Metabolism of amino acids</i> • Integration of metabolism • Xenobiotics in disease • Nutrition • Immunity • Metabolism of cancer • Vaccine development • Automation and quality control • Biomedical waste management 	<ul style="list-style-type: none"> • Goitre • Stroke • Parkinson's disease <p>Diabetes mellitus</p>	<ul style="list-style-type: none"> • 12 hours per department (6 hours for basic science correlation and 6 hours for clinical skills) 	<ul style="list-style-type: none"> • Module 1.4 (7 hours)
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