

## Bridging Course Timetable

Lecture slots for each day are as follows:

Lecture 1 - 10:00 - 11:00

Lecture 2 - 11:30 - 12:30

Lecture 3 - 13:30 - 14:30

Lecture 4 - 15:00 - 16:00

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<p><b>WEEK 1 Chemistry</b></p> <p><b>5<sup>th</sup> September – 8<sup>th</sup> September 2022</b></p> <p><b>Day 1</b> Lecture 1 - Introduction Lecture 2 - Atomic structure Lecture 3 - The periodic table Lecture 4 - Chemical bonding</p> <p><b>Day 2</b> Lecture 1 - Acid-base balance Lecture 2 - Reaction rates Lecture 3 - Redox chemistry Lecture 4 - Hydrocarbons and Isomers</p> <p><b>Day 3</b> Lecture 1 - Carbohydrates Lecture 2 - Lipids Lecture 3 - Proteins Lecture 4 - Nucleic acids</p> <p><b>Day 4</b> Examination - Time to be confirmed.</p>	<p><b>WEEK 2 Biology</b></p> <p><b>12<sup>th</sup> September – 15<sup>th</sup> September 2022</b></p> <p><b>Day 1</b> Lecture 1 - Cell structure and function Lecture 2 - The cell membrane Lecture 3 - DNA, RNA and proteins Lecture 4 - Tissues and organs</p> <p><b>Day 2</b> Lecture 1 - Aerobic and Anaerobic respiration Lecture 2 - Cellular respiration and mitochondria Lecture 3 - Homeostasis, feedback and receptors Lecture 4 - Metabolic pathways, enzymes &amp; ATP</p> <p><b>Day 3</b> Lecture 1 - Respiration and gas exchange Lecture 2 - Blood composition and function Lecture 3 - Absorption and digestion</p> <p><b>Day 4</b> Examination - Time to be confirmed.</p>
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