

GAMSAT® Section 3 Preparation Checklist

- Basic knowledge**
 - For biology and chemistry, a level of first year university knowledge will be required.
 - For physics, an A-Level or Year 12 or equivalent level of physics knowledge will be required

- Know what to expect in GAMSAT® Section 3**
 - Analysing a variety of different data and information
 - Working across multiple science disciplines
 - Dealing with time pressure

- Begin practising your application of this knowledge with GAMSAT®-Style MCQs**

- Gradually build up to answering MCQs under realistic conditions (i.e. time pressure)**

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Biology Topics covered in GAMSAT® Section 3

- **Biomolecules & the Cell**
- **Enzymes, Cellular Metabolism & the Central Dogma**
- **Cell Division**
- **Nervous System**
- **Musculoskeletal System**
- **Cardiovascular System**
- **Respiratory System**
- **Gastrointestinal System**
- **Renal System**
- **Endocrine System**
- **Immune System**
- **Genetics & Evolution**
- **Reproductive System**
- **Experimental Design and Data Analysis**

Don't Miss Our GAMSAT® Reasoning in Biological & Physical Sciences Online Workshop!

- Thursday, 1st of August 2024 at 7.00 - 8.30 PM
Melbourne Time -



Want to enhance your problem solving skills for GAMSAT® Reasoning in Biological & Physical Sciences?

Join our Online Workshop to get a head start on acing the sciences section of the GAMSAT® exam!

Our experienced tutor will go through all three components of GAMSAT® science - Biology, Physics, and Chemistry.

This webinar will help you develop the all-important reasoning fundamentals, which have become more and more prominent in recent iterations of the GAMSAT® Exam with graph and diagram-based MCQs.

You'll be guided through several MCQs, giving you an opportunity to ask detailed questions to consolidate your understanding. Our tutors will also outline general strategies that can be utilised in approaching this increasingly important aspect of the GAMSAT® exam.

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Chemistry Topics covered in GAMSAT® Section 3

- **Atoms**
- **Arithmetic and Stoichiometry**
- **Electronegativity and Bond Polarity**
- **Electrons and Chemical Bonds**
- **Gases**
- **Thermodynamics and Kinetics**
- **Acid and Bases**
- **Electrochemistry**
- **Common and Special Organic Reactions**
- **Stereochemistry and Projections**
- **Biochemistry**
- **Spectroscopies, Spectrometry and Laboratory Techniques**

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Physics Topics covered in GAMSAT® Section 3

- **Motion (1D and 2D Motion, Acceleration and Graphs)**
- **Newton's Laws (in particular Equilibrium) and Torque**
- **Energy, Work and Conservation of moment**
- **Physics of Liquids (especially Pressure, Archimedes' Principle, Buoyant Force)**
- **Electricity and Magnetism (electrostatic and magnetic forces)**
- **Electric Circuits**
- **Optics**
- **Radioactive Decay and other exponential-type mathematical laws**
- **Mathematical Operations, Fractions and Scientific Notation**
- **Mathematical Functions (especially logarithmic and trigonometric functions)**



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