

## **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)**

# **GAMSAT® Section 3 Preparation Checklist**

## **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**

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# **GAMSAT® Section 3 Preparation Checklist**

**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**

## **GAMSAT® Section 3 Preparation Checklist**

### **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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**20+ percentile points**  
over the last **10+ years**

**10,000+** happy students  
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