

Top UK Medical School/
Oxbridge Entrance

BEAT THE
BMAT
COURSE

U2 Tuition

OVERVIEW

COURSE OUTLINE (2 HOUR SESSIONS)

Our customisable BMAT (BioMedical Admissions Test) course is five sessions of two hours each. The course is taken 1-1, though we often hold group classes, encouraging team discussion and problem-solving!

The course focuses on the three elements of the BMAT: Section One (Thinking Skills), Section Two (Scientific Knowledge and Applications), and Section Three (Writing Task).

We have roughly split the sessions, as described below. This is weighted on the subjects we believe benefit the most from guided tutoring. This programme is delivered best as a series of sessions rather than individual ones, and so the format of the lessons can also be changed if the student prefers more guidance on particular topics.

01

LESSON 1: INTRODUCTION TO THE BMAT

Topic Outline: A brief introduction to the BMAT. This includes a description of each of the sections in the test, the timing and number of questions of different sections, broad type of questions you are expected to encounter, and an introduction to how the BMAT is marked and graded.

Section One: Our section one tutoring is split across two sessions. In this first session, we introduce the section and the two broad types of questions you will encounter: 'Problem Solving', and 'Critical Thinking'.

These subsections are split into ten different further subsections; three under the 'Problem Solving' title and seven for 'Critical Thinking'.

The course encourages the student to attempt example questions throughout. Discussions are followed with worked answers and specific tips for each type of question encountered.

LESSON 2:

Section One (continued): Session Two starts with further examination of the different sections of Section One, and goes through some additional examples to consolidate understanding.

Section Two: An introduction to Section Two:

Section Two (Physics)

One of the most difficult sections for some candidates is Physics. The remainder of this session, and some of the following, is spent on Physics.

Topics covered include:

- Electricity
- Magnetism
- Mechanics
- Thermal Physics
- Matter
- Waves
- Radioactivity

All topics are covered with teaching and worked examples, in order of most 'high-yield' topics first.

LESSON 3: THE INTERVIEW

Section Two (Physics) is continued into Session Three.

Section Two (Mathematics): Topics are covered with teaching, tips, and worked examples in Mathematics also.

Topics include:

- Units
- Number
- Ratio and proportion
- Algebra
- Geometry
- Statistics
- Probability

LESSON 4 :

Biology may be started in Session Three depending on progress.

Section Two (Biology)

Topics covered include:

- Cells
- Movement across membranes
- Cell division and sex determination
- Inheritance
- DNA
- Gene technologies
- Variation
- Enzymes
- Animal Physiology
- Ecosystems

This is typically the subsection candidates find easiest, but BMAT questions can be in a slightly different style so it is important to cover Biology.

Section Two (Chemistry)

Topics included:

- Atomic Structure
- The Periodic Table
- Chemical reactions, formulae and equations
- Quantitative Chemistry
- Oxidation, reduction and redox
- Chemical bonding, structure and properties
- Group Chemistry
- Separation techniques
- Acids, bases and salts
- Rates of reaction
- Energetics
- Electrolysis
- Carbon / Organic Chemistry
- Metals
- Kinetic/Particle Theory
- Chemical Tests
- Air and water

As may be obvious from the above list, this is a large topic. We will endeavour to cover all 'high-yield' topics from this list, and will cover additional topics if there is a need for it.



LESSON 5:

Section Three

Section Three is an essay writing task. The student is typically asked to complete a Section Three question before the session. These are then critiqued and discussed in session.

Tips for essays are given, and the student will go through worked examples and essay plans for some select questions.