The test in Chemistry for the Aristotle University Medical School entry exam, is based on the syllabus of IB (International Baccalaureate) Chemistry (Standard level). It covers the following topics:

- 1. Stoichiometric relationships
- 2. Atomic structure
- 3. Periodicity
- 4. Chemical bonding and structure
- 5. Energetics/thermochemistry
- 6. Chemical kinetics
- 7. Equilibrium
- 8. Acids and bases
- 9. Redox processes
- 10. Organic chemistry
- 11. Measurement, data processing and analysis

Pearson Baccalaureate Chemistry Higher Level for the IB Diploma Pearson International Baccalaureate Diploma: International Editions Brown Catrin , Ford Mike