

**Dentistry**

2. week 29. 9.	Acid-Base reactions, dissociation, buffers, buffer systems in the body.
4. week 13. 10.	Energy in chemical reactions, kinetics, chemical equilibrium, redox reactions.
6. week 27. 10.	Selected reactions of organic compounds (alcohols, carboxylic acids, citric acid cycle, transamination).
8. week 10. 11.	Structure and properties of saccharides. Polysaccharides. Glycosides. Nucleosides.
10. week 24.11.	Fatty acids, triacylglycerols, phospholipids, glycolipids. Steroids, steroidal hormones.
12. week 8.12.	Selected elements and their properties.
14. week 5.1. 2011	Dental materials.

Literature:

Táborská, Sláma.: Medical chemistry I, Brno 2006.  
Dostál: Medical chemistry II, Brno 2006.