

**Dentistry**

1. week 17. 9.	Acid-Base reactions, dissociation, buffers, buffer systems in the body.
3. week 1. 10.	Energy in chemical reactions, kinetics, chemical equilibrium, redox reactions.
5. week 15. 10.	Selected elements and their properties.
7. week 29. 10.	Selected reactions of organic compounds (alcohols, carboxylic acids, citric acid cycle, transamination).
9. week 12. 11.	Structure and properties of saccharides. Polysaccharides. Glycosides. Nucleosides.
11. week 26.11.	Fatty acids, triacylglycerols, phospholipids, glycolipids. Steroids, steroidal hormones.
13. week 10. 12.	Dental materials.

Literature:

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