

**Attn. BMC II students**

**Information about your FOURTH SELF CONTROL TEST in Chemistry:**

**LOCATION: Learning Center LC 0.14 Lecture Hall**

**TIME: 17<sup>th</sup> of April, 2026**

**STARTS AT 4 P.M. ENDS AT 5.10 P.M. (70 minutes)**

**PLEASE ARRIVE BY 3. 45 P.M. and bring a photo ID, a calculator, dark pens.**

### Topics covered

The main group elements. s-, p-, d-block metals and hydrogen.

Nonmetals : halogens and noble gases, oxygen and sulfur, nitrogen, phosphorus and carbon

Covalent bonding in organic compounds. Classification of organic compounds.

Stereochemistry.

Alkanes: nomenclature and isomerism. Reactions of alkanes. Cycloalkanes

Unsaturated hydrocarbons

Helpful sources:

Textbook:

1. Chemistry by McMurry, Fay and Robinson for the inorganic Chemistry part
2. Lectures and seminar slides
3. <https://bmc.unideb.hu/organicchemistry/mobile/index.html#p=1> (Erdődi and Csontos: Organic Chemistry for premed students)

The test will include:

- 30 multiple-choice test questions for 51 points
- a second module for 49 points (worked examples, structures and formulas, naming organic compounds, reaction mechanisms and types, terms and definitions, fill in gaps, fill in tables, etc.)