

| | |
|----------------------------|--|
| <i>Programme</i> | Chemistry BSc |
| <i>Course title</i> | Biochemistry |
| <i>Name of lecturer</i> | Zoltán Gáspári |
| <i>Type of course</i> | compulsory, <u>semi-optional</u> , elective |
| <i>Module</i> | non-chemical, core-chemical, <u>specialized chemical</u> , chemistry teacher |
| <i>Course code</i> | KV4BK2 |
| <i>Number of credits</i> | 2 |
| <i>Year of study</i> | 3 |
| <i>Semester</i> | fall, <u>spring</u> |
| <i>Form of tuition</i> | <u>lectures</u> , practice, laboratory practice, other |
| <i>Course contents</i> | Molecular organization of life. The central dogma. Basics of metabolism and metabolic pathways. Protein structure and function. Basic enzyme kinetics and mechanisms. Regulation of gene expression. Biochemistry of sensory systems. Introduction to basic experimental techniques. |
| <i>Assessment method</i> | written/ <u>oral examination</u> , practical course mark, other |
| <i>Recommended reading</i> | Berg-Tymoczko-Stryer: Biochemistry 5th ed. |