

<i>Programme</i>	Chemistry BSc
<i>Course title</i>	Chemical Technology
<i>Name of lecturer</i>	István T. Horváth
<i>Type of course</i>	<u>compulsory</u> , semi-optional, elective
<i>Module</i>	non-chemical, <u>core-chemical</u> , specialized chemical, chemistry teacher
<i>Course code</i>	KA6TC1
<i>Number of credits</i>	3
<i>Year of study</i>	3
<i>Semester</i>	fall
<i>Form of tuition</i>	lectures
<i>Course contents</i>	<p>Introduction to the fundamentals and applications of chemical technology.</p> <p>Program: The role of chemical technology in the world. The role of physical chemistry in chemical technology. The fundamentals of chemical engineering. Energy production. The raw materials of the chemical and petrochemical industry. Chemical processes related to water. The products and processes of the inorganic chemical industry. Synthetic fuels. C1 chemical processes. The products and processes of the organic chemical industry. The fundamentals and products of biotechnology. Agricultural chemicals. Chemical technologies used in the electronic industry.</p>
<i>Assessment method</i>	<u>written/oral examination</u> , practical course mark, other
<i>Recommended reading</i>	<u>http://www.kemtech.net</u>