

SZAKÁLL SÁNDOR,

MINERALOGY AND PETROLOGY

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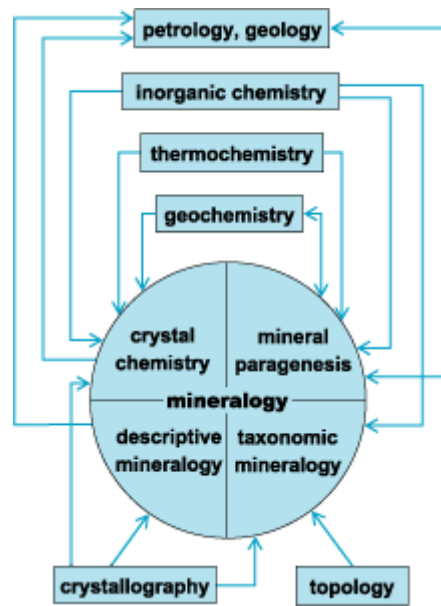


A Műszaki Földtudományi Alapszak tananyagainak kifejlesztése a
TÁMOP 4.1.2-08/1/A-2009-0033 pályázat keretében valósult meg.

III. CONNECTIONS OF MINERALOGY TO OTHER SCIENTIFIC FIELDS

1. CONNECTIONS OF MINERALOGY

The most important basic terms are discussed above. We have also learnt that mineralogy and petrology as material sciences deal basically with minerals and rocks. Nevertheless, mineralogy has been in close connection to chemistry, metallurgy, geology and medical sciences even historically. Minerals as natural compounds have been studied by chemists, foundrymen, geologists and doctors in their own fields from their own points of view. Chemists isolated the majority of chemical elements from minerals, metallurgists extracted metals from ores, geologists studied minerals and rocks as the constituents of the Earth's crust while doctors applied numerous minerals for healing.



The connection of mineralogy (and petrology) to other scientific fields has widened extremely in recent decades. The close connection to material sciences, environmental sciences and life sciences are first to be emphasized, however, connections to archaeology and historical sciences are also significant. Later, when minerals and rocks are characterised, these connections will be discussed as well.