

COURSE TITLE:

ARCHEOMETRY OF STONE TOOLS, CERAMICS AND METALS (LECTURE)

COURSE DESCRIPTION:

Rocks, ceramics and metal finds in Archaeology. Basic archaeological and museological knowledge.

Methods of analysis of the chipped, polished and ground stones. Provenance of raw materials and technology and scientific/historical implications. Most important raw materials for stone tools in the Pannonian Basin and its environs.

Most important methods of analysis on ceramics. Raw materials and production technology for ceramics and scientific/historical implications.

Ores, metals and slags – mineralogical and geochemical characteristics. Metallurgy of the copper, bronze and iron. Modern analytical technology of the metals and slags. Overlook of the history of the use of metals as well as ancient finds in the Pannonian Basin and its environs.

LITERATURE:

Visy Zsolt--Nagy Mihály--B. Kiss Zsuzsa, eds (2003). Hungarian Archaeology at the turn of the Millennium. 1-482. ISBN: 963 86291 8 5.

Antonin Přichystal (2013): Lithic raw materials in prehistoric times of Eastern Central Europe - Masaryk University, Brno 2013. ISBN 978-80-210-6405-8; ISBN 978-80-210-4928-4 (Czech ed.)

Justine Bayley, David Dungworth, Sarah Paynter (2001): Archaeometallurgy. English Heritage Publications, Product Code XH20166, 30 p.

Patrick Sean Quinn (2013): Ceramic Petrography. – Archaeopress, Oxford, ISBN: 978-1-905739-59-2

Chandra L. Reedy (2008): Thin-section Petrography of Stone and Ceramic Cultural Materials. – Archetype Publications Ltd. ISBN: 978-1-904982-33-3

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