

Introduction to the Ancient Egyptian Architecture

Jaromír Krejčí, Czech Institute of Egyptology, Faculty of Arts, Charles University

The course is intended for students of Egyptology and all other study programmes at the Faculty of Arts of Charles University and other faculties of the university as well as the students studying at the Charles University on base of the Erasmus Programme. The aim of the course is to present the development of ancient Egyptian architecture from its prehistoric beginnings, through the issues connected with the construction of large sacred architectural complexes through the development tendencies of funerary buildings of the Pharaonic period to its outlet at the end of the Greco-Roman period and its echoes in the architecture of antiquity and modern times. Additionally, the course will address the problems of settlements and profane architecture, constructions of a technical character, and issues related to building materials. The interpretation will also be intertwined with the introduction of the basic diachronic framework of Egyptian history and religion.

1. Introduction - natural conditions in Egypt, an overview of ancient Egyptian history, general characteristics of ancient Egyptian architecture, principal features of the Egyptian art, architectural plans and depictions, essential literature concerning the topic.
2. Materials used in the Egyptian architecture.
3. The earliest architecture – tombs and settlements of prehistoric cultures.
4. Architecture of the Early Dynastic Period – royal and non-royal tombs, settlements, and temples.
5. Old Kingdom – royal pyramid complexes.
6. Old Kingdom – sun temples, divine temples.
7. Old Kingdom – non-royal tombs, settlement architecture.
8. The First Intermediate Period and the Middle Kingdom – developments in Upper Egypt.
9. The Middle Kingdom – royal pyramid complexes.
10. The grand temples of the New Kingdom: Luxor, Medinet Habu, Abu Simbel.
11. The Amarna period
12. Cities and settlements of the New Kingdom, royal palaces
13. Third Intermediate Period, Late Period.
14. Grand temples of the Ptolemaic and Roman periods
15. Constructions of a technical character. The legacy of Egyptian architecture.

Intensity 2/0 per week.

* The course ends with a written test for credit (with a minimum score of 66%, CUFA students).

* The course ends with an examination in the form of a written test (Erasmus students).

Selected bibliography

- Kemp, B. J., *Ancient Egypt. Anatomy of a Civilization*. London 1989
- Smith, W. S., *The Art and Architecture of Ancient Egypt*. Harmondsworth 1958 and revised edition: Smith, W. S., *The Art and Architecture of Ancient Egypt. revised by W. K. Simpson*, New Haven–London 1998.
- Arnold, Di., *Baulexikon der ägyptischen Kunst*, Zürich 1994
- Badawy, A., *Architecture in Ancient Egypt and the Near East*, Cambridge, Mass., 1966.
- Wilkinson, R. H., *The Complete Temples of Ancient Egypt*, London 2000
- Lehner, M., *The Complete Pyramids*. Cairo 1997
- Spencer, A. J., *Brick Architecture in Ancient Egypt*. Warminster 1979.
- de Cenival, J.-L., *Ägypten. Das Zeitalter der Pharaonen*, München, 1964
- Arnold, D., *The Building in Egypt. Pharaonic Stone Masonry*. New York 1991.
- Klemm, R., Klemm, D. D., *Steine- und Steinbrüche im Alten Ägypten*. Berlin Heidelberg 1993.
- ed. by P. T. Nicholson and I. Shaw, *Ancient Egyptian Materials and Technology*, Cambridge 2009.
- http://www.eescience.utoledo.edu/Faculty/Harrell/Egypt/Quarries/Quarries_Menu.html

- Verner, M., et al., *Ilustrovaná encyklopedie starého Egypta*, Praha 1998
- Krejčí, J. *Egypt v době stavitelů pyramid*. Praha 2011