**Courses offered by the L.E.A at the Department of Mediterranean Studies**

LEA aims at making students aware with modern scientific approaches in archaeology and the teaching of basic terminology of natural sciences related to environmental archaeology.

Courses that have been taught or are taught today (2018) include:

**Environmental Archaeology**. Laboratory courses in one semester

**Osteoarchaeology.** Identification and interpretation of faunal residues from archaeological excavations (animal bones, fishes, shells) for environmental reconstruction and settlement economy.

**Archaeobotany** Study of crops (macroflora remains), carbon wood (anthracology) and pollen (palynology), that have been preserved in archaeological sediments aiming at climatic reconstruction and palaeoeconomy of the prehistoric Aegean people. Within archaeobotany falls the phytolith analysis, coproliths, diatoms, and organic residues from pottery.

**Paleoanthropology, Palaeopathology.** Study of human skeletal remains from archaeological excavations.

**Paleolithic archaeology, Tool industries**. Study of typology and development of stone tools of Paleolithic and Neolithic period.

**Archaeogeology**. The archaeological branch that studies and interprets archaeological sedoiments in relation to the context, and various geological and geomorphological processes related to the settlements. Archaeogeology or geoarchaeology is colosely related to the geosciences such as gophysics, geochemistry, sedimentology, geomorphology and climatology.

**Experimental Archaeology**. Branch of archaeology aiming at the interpretation and use of tool and human structures re-construction and study of ancient technology via simulation experiments.

**Archaeoenvironment:** Interaction of the ancient environment and man