

COURSE TITLE:

## ENVIRONMENTAL SAMPLING 1. (BASIC APPROACHES)

COURSE DESCRIPTION:

Error sources of taking samples. Drafting of specimen. Taking samples from drinking-water on the surface, and underneath, bathing-water on the sewage, sediments from surface-waters, sewage sludge, precipitation (rain, snow), sea-waters, sea-water on the surface, sea-creatures and biological specimen. Taking samples from soil (troubled, partially troubled, untroubled). Taking samples from air and atmospheric aerosols, dust in air, settling dust. Samples from metals. Specimen for clinical toxicological examination (blood, bloodplasma, urine, hair, breastmilk). Samples from food of animal and plant origin. Samples from waste material. Taking samples from industrial materials.

LITERATURE:

M Stoeppler: Sampling and sample preparation, Springer-Verlag Berlin Heidelberg 1997

TEACHER:

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