Trends in analytical chemistry
(KDIT120)
tematika

Kurzusfelelős: Dr. Galbács Gábor (galbx@chem.u-szeged.hu)

Oktatók: Dr. Alapi Tünde, Dr. Dombi György, Dr. Ilisz István, Dr. Janáky Tamás, Dr. Szabó Zoltán, Dr. Kele Zoltán, Dr. Oszkó Albert, Dr. Galbács Gábor, Dr. Samu Gergely

- Galbács G.: Course information. Overview of the status of modern analytical chemistry. Hot topics and current trends.
- Galbács G.: Modern tools of laser and plasma analytical atomic spectrometry. Main research directions and trending applications in laser-induced breakdown spectroscopy (LIBS) and inductively coupled plasma mass spectrometry (ICP-MS).
- Samu G.: Developments in modern radiation and particle detector technology
- Ilisz I.: Current trends in enantiomeric separations by chromatographic methods
- Kele Z.: State-of-the-art mass spectrometry
- Oszkó A.: Present technologies and applications in X-ray photoelectron spectroscopy
- Janáky T., Szabó Z.: Recent trends in the development of bioanalytical methodologies
- Dombi Gy.: Current instrumentation, measurement technologies and data evaluation practices in NMR spectroscopy
- Alapi T.: Modern instrumental methods for the determination of organic pollutants in the environment