|  |
| --- |
|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | **Faculty of Medicine** |
| **GENERAL INFORMATION** |
| Study program  | **Integrated Academic Studies Of Pharmacy** |
| Study Module (if applicable) |  |
| Course title | **Analytical Chemistry 2** |
| Level of study |  Bachelor x Master’s ☐ Doctoral |
| Type of course | x Obligatory☐ Elective |
| Semester  | x Autumn ☐Spring |
| Year of study  | II (second) |
| Number of ECTS allocated | 8 |
| Name of lecturer/lecturers | Professor dr Biljana Kaličanindr Dragan Velimirović, Assistant Professor |
| Teaching mode | xLectures ☐Group tutorials ☐ Individual tutorialsxLaboratory work ☐ Project work ☐ Seminar☐Distance learning x Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| * Acquisition of basic knowledge about classical methods of quantitative chemical analysis (gravimetric and volumetric methods);
* Acquisition of basic knowledge about the assessment, processing, and interpretation of results of quantitative chemical analysis.
 |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| The knowledge acquired during the course will enable students to:* successfully consider all the processes related to the formation and treatment of chemical precipitates;
* successfully assess the nature of a titration system;
* select the method appropriate for the ion to be determined;
* process, assess, and interpret the results of quantitative chemical analysis;
* use the knowledge acquired during the courses of Analytical Chemistry 1 and 2 in future professional courses, such as Drug Analytics, Toxicology, etc.
 |
| **LANGUAGE OF INSTRUCTION** |
|  Serbian (complete course) x English (complete course) ☐ Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)☐Serbian with English mentoring ☐Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** | **up to 5** | **Written examination** | **up to 70** |
| **Practical teaching** | **up to 10** | **Oral examination** |  |
| **Teaching colloquia** | **up to 15** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |