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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | [**Faculty of Sciences and Mathematics**](http://wpresspmf.pmf.ni.ac.rs/?lang=en) |
| **GENERAL INFORMATION** |
| Study program  | **Geography** |
| Study Module (if applicable) | **Geography** |
| Course title | **Astronomy** |
| Level of study | ☐Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☐ Elective |
| Semester  |  ☐ Autumn ☐Spring |
| Year of study  | The first year |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Dragan Gajić |
| Teaching mode |  ☐Lectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| The course aimsIntroduction to the methods of astronomy and the basic concepts of the Cosmos and cosmic objects, as well as the processes that take place in them. The aim is for students to acquire the contents of the case and to be able to work on simple astronomical instruments. Course content is designed to be complementary to the subject content of mathematical geography. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| ContentsINTRODUCTION. METHODS OF THE UNIVERSEOPTICAL TELESCOPES ELECTROMAGNETIC RADIATION OF THE HEAVENLY BODIESGRAVITY AND MOVEMENT TELA IN THE SOLAR SYSTEM DETERMINATION OF DISTANCE AND BODY SIZE IN THE SOLAR SYSTEM THE SUN AS A STARSMALL BODIES OF SOLAR SYSTEMSTARSORIGIN AND EVOLUTION OF A STARMilky Way galaxy BASIC ELEMENTS OF COSMOLOGY |
| **LANGUAGE OF INSTRUCTION** |
| ☐Serbian (complete course) ☐ 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** | **10** | **Written examination** | **50** |
| **Practical teaching** | **/** | **Oral examination** | **50** |
| **Teaching colloquia** | **40** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |