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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 aims Introduction 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)** | | | | | | |
| Contents INTRODUCTION.  METHODS OF THE UNIVERSE OPTICAL TELESCOPES  ELECTROMAGNETIC RADIATION OF THE HEAVENLY BODIES GRAVITY AND MOVEMENT TELA IN THE SOLAR SYSTEM  DETERMINATION OF DISTANCE AND BODY SIZE IN THE SOLAR SYSTEM  THE SUN AS A STAR SMALL BODIES OF SOLAR SYSTEM STARS ORIGIN AND EVOLUTION OF A STAR Milky 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** | | | | | | |