

Faculty of Economics in Niš

MAS -

Three or four-year completed undergraduate academic studies and acquired 180 ECTS or 240 ECTS, or completed undergraduate studies in compliance with the Regulations valid before the Law on Higher Education has been put into effect, in accordance with the Competition announced by the Faculty.

100

90

80

70

60

50

91

81

71

61

51

0

The study program Advanced Data Analytics in Business is to provide students with the opportunity to acquire theoretical knowledge as well as to develop creative abilities and specific skills to perform certain tasks related to data science: use of scientific methods, processes, algorithms and system of analysis of structured and unstructured data and inference, i.e. achieving appropriate competencies and academic knowledge on the one hand in the field of application of quantitative methods in economics and on the other in the field of information technologies for big data processing.

Full-time studies (at the seat of the faculty)

2 year (4 semesters)

Master academic studies (second cycle)

Serbian

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University of Niš, Faculty of Economics in Niš (state faculty)

Economics

Master of Business Informatics (M.Bus. Inform.)

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Total

120

Average grade

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. | 22.7411 | Programming for busines application 1 | O | 8 | 3 | 1 | 1 | 1 |  | Petković Marko  Hochreiter Ronald |
| 2. | 22.7412 | Optimization and decision making | O | 8 | 3 | 1 | 1 | 1 |  | Stanković Jelena J.  Papatahanasiou Jason |
| 3. | 22.7413 | Businsess process management | E | 7 | 2 | 2 | 1 | 1 |  | Radosavljević Marija |
| 4. | 22.7414 | Programming for busines application 2 | E | 7 | 2 | 2 | 1 | 1 |  | Petković Marko  Stanković Jovica  Hochreiter Ronald |
| 5. | 22.7415 | Methods of statistical analysis | E | 7 | 2 | 2 | 1 | 1 |  | Lepojević Vinko  Janković Milić Vesna |
| 6. | 22.7416 | Accounting information for decision making | E | 7 | 2 | 2 | 1 | 1 |  | Đukić Tadija  Novićević Čečević Bojana  Đorđević Milica |
| 7. | 22.7421 | Introduction to machine learning in business | O | 8 | 3 | 1 | 1 | 1 |  | Milojković Marko Milovanović Miroslav  Hochreiter Ronald |
| 8. | 22.7422 | Time series forecasting | O | 8 | 3 | 1 | 1 | 1 |  | Lepojević Vinko  Janković Milić Vesna |
| 9. | 22.7423 | Mathematics in business analysis | E | 7 | 2 | 2 | 1 | 1 |  | Popović Žarko |
| 10. | 22.7424 | Research design and data visualisation techniques | E | 7 | 2 | 2 | 1 | 1 |  | Milovanović Slavoljub  Radović Ognjen  Stanković Jovica |
| 11. | 22.7425 | Advanced big data analytics | E | 7 | 2 | 2 | 1 | 1 |  | Radović Ognjen  Stanković Jovica  Farcomeni Alessio |
| 12. | 22.7426 | Risk management | E | 7 | 2 | 2 | 1 | 1 |  | Stanković Jelena Z. |
| 13. | 22.7431 | Applied econometrics | O | 8 | 2 | 2 | 1 | 2 |  | Popović Žarko  Stanković Jelena J. |
| 14. | 22.7432 | QuantitativefFinannce | O | 8 | 2 | 2 | 1 | 2 |  | Marinković Srđan  Jemović Mirjana  Stanković Jelena Z.  Radojičić Jelena |
| 15. | 22.7433 | Online business and web analytics | E | 7 | 2 | 2 | 1 | 2 |  | Milojković Marko Milovanović Miroslav |
| 16. | 22.7434 | Data Acquisition and business intelligence | E | 7 | 2 | 2 | 1 | 2 |  | Radović Ognjen  Stanković Jovica |
| 17. | 22.7435 | Marketing intelligence | E | 7 | 2 | 2 | 1 | 2 |  | Lepojević Vinko  Janković Milić Vesna |
| 18. | 22.7436 | Academic writing | E | 7 | 2 | 2 | 1 | 2 |  | Džunić Marija |
| 19. | 22.74SP | Obligatory professional practice in companies | O | 3 | 0 | 0 | 6 | 2 |  |  |
| 20. | 22.74PZ | Final paper - subject | O | 10 | 0 | 0 | 20 | 2 |  |  |
| 21. | 22.7400 | Final paper | O | 17 | 0 | 0 | 4 | 2 |  |  |

The holder of a diploma has the right to further education and enhancement by enrolling in the third level of studies or other educational enhancement mode.

The holder of a diploma has legally protected professional title as well as the right to perform professional work in the field that he/she has qualified for.

www.eknfak.ni.ac.rs