**Course Syllabus**

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| Title of the course | **Information Management (offered in English)** |
| Title of the Academic Programme  | Bachelor’s Programme 'Sociology and Social Informatics' |
| Type of the course  | Elective |
| Prerequisites | Information SystemsData analysis  |
| ECTS workload | 5 |
| Total indicative study hours | Directed Study | Self-directed study  | Total |
| 36 | 154 | 190 |
| Course Overview | For decades, organisations have been using internal structured and unstructured data for operations and processes control. Today, the emergence of big data generated by two main sources: transaction data and social media, changes the considerably customer-employee relationship. Big data analytics provides deeper insights into decision making at almost all organisational levels, marketing and operations management being notable examples. Based on the analysis of these data, descriptive, predictive and prescriptive models can be formulated. The purpose of this course is to introduce students who are familiar with the basics of data analysis with the concepts of information management and business analytics in the context of organisational analysis. Learning the Agile way of thinking, students will learn how to structure the process of developing and creating projects in any sphere, including social sciences. |
| Intended Learning Outcomes (ILO) | As a result of the course, students will be able to* Understand the current trends in organizational theory
* Understand the principles of big data analytics
* Be able to design and develop exploratory and technical projects, based on relevant theory.
* Demonstrate analytical skills the ability to gain information from online sources.
* Demonstrate the ability to communicate with different stakeholders on all stages of the project.
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| Teaching and Learning Methods | Teaching and learning methods include lectures, seminars, practical home assignments. |
| Content and Structure of the Course |
| **№** | **Topic / Course Chapter** | **Total** | **Directed Study** | **Self-directed Study** |
| **Lectures** | **Seminars** |
| 1 | Introduction to the IT management | 70 | 8 | 6 | 56 |
| 2 | Project management | 60 | 6 | 4 | 50 |
| 3 | Agile organization | 60 | 6 | 6 | 48 |
| **Total study hours** | 190 | 20 | 16 | 154 |
| Indicative Assessment Methods and Strategy  | Cumulative grade consists of:* Test (50%)
* Project(50%)

Resulting grade for the course is equal to cumulative grade. |
| Readings / Indicative Learning Resources | Mandatory1. Stokes, P. (2016). Organizational Management : Approaches and Solutions. London: Kogan Page. Режим доступа: <https://library.books24x7.com/toc.aspx?bookid=112611>
2. Goodpasture, J. C. (2016). Project Management the Agile Way, Second Edition : Making It Work in the Enterprise (Vol. Second edition). Plantation, Florida: J. Ross Publishing. Режим доступа: <https://library.books24x7.com/toc.aspx?bookid=104303>

Optional1. Chatham, R. (2015). The Art of IT Management : Practical Tools, Techniques and People Skills. Swindon, UK: BCS, The Chartered Institute for IT. Режим доступа: <https://library.books24x7.com/toc.aspx?bookid=104368>
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| Indicative Self- Study Strategies | **Type** | **+/–** | **Hours** |
| Reading for seminars / tutorials (lecture materials, mandatory and optional resources) | + | 60 |
| Assignments for seminars / tutorials / labs | + | 60 |
| E-learning / distance learning (MOOC / LMS) | - |  |
| Fieldwork | - |  |
| Project work | + | 72 |
| Other (please specify) |  |  |
| Preparation for the exam |  |  |
| Academic Support for the Course | Academic support for the course is provided via LMS, where students can find: guidelines and recommendations for doing the course; guidelines and recommendations for self-study; samples of assessment materials |
| Facilities, Equipment and Software | A computer class with internet access and R |
| Course Instructor | Sr. Lecturer Ilya Musabirov |