**Elective Courses (Б.Пр.В, Б.Пр.В.П)**

**Course abstract, Б.Пр.В.1, Informational Systems and Technologies in Public Sector**

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| **1. Course number, title, and ECTS** | **Б.Пр.В.1, Informational Systems and Technologies in Public Sector, 5 ECTS**Elective CourseLectures – 22Seminars & Practical Classes – 30Contact Hours – 52Self-study Hours – 138 |
| **2. Course instructors during Self-Evaluation year and site visit year** | Mr. Simon Kordonsky, Tenured Professor, PhD in Philosophical SciencesMs. Olga Molyarenko, Lecturer |
| **3. Prerequisites for the course** | Б.Пр.Б.5. Economic and Social StatisticsБ.Пр.В.П.2.2. Population PolicyБ.Пр.Б.15. Public Economics-1Б.Пр.В.3. Labour EconomyБ.Пр.Б.16. Tools of Governance |
| **4. Course objectives in relation to total curriculum** | The course has the following main objectives:* to give students the system knowledge and competencies in collecting, processing, using and dissemination information of different types;
* to show how public authorities use informational technologies, what types of information do they produce and how it can be used in researches (taking into account methodological limitations);
* to develop skills of information retrieval and using the information technologies in the public administration.
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| **5. Learning outcomes** | By the end of the course, students should be able to:* work with information: find, evaluate and use information needed to solve scientific and professional problems from various sources;
* conduct research activities, including problem analysis, setting goals and objectives, the allocation of the object and subject of study, choice of method and research methods, and the assessment of its quality;
* search, collect, process and storage statistical data and other information that is necessary for the decision of tasks;
* select and justify the tools of information technology in accordance with the task;
* participate in the preparation of the synthesis of analytical materials (reports, recommendations, notes, etc.);
* work with data of social and economic statistics for justifying and making managerial decisions;
* use modern management technologies.
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| **6. Course description** | The course “Informational Systems and Technologies in Public Sector” is aimed at giving student comprehensive theoretical and practical knowledge and skills of using information in public sector. It covers all the steps of working with information – from its collecting and analyzing to appropriate presentation of the essence. Students carry out many practical-based tasks – from analyzing statistical information and its limitations to exercising complete media research. The course is focused on modern administrative experience and it trains student to assess data critically and cross-check it.  |
| **7. Learning and teaching methods** | During the course the following techniques are used:* Lectures
* Seminars
* Homework
* Project presentation
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| **8. Major topics covered** | The main topics of this course are the following:1. The history of informational technologies, basic concepts of the course, the actuality of subject
2. Russian state programs aimed at informational technologies implementation in the system of public administration
3. The development of national data collection systems
4. Methods and limitations of gathering information by authorities
5. Modern technologies of media analysis, text and object search methods
6. Systematization of the information spaces based on ontologies. Modern ontologies search systems
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| **9. Prescribed books and readings** | 1. Стратегия развития информационного общества в Российской Федерации. Утверждена Президентом РФ В. Путиным 07.02.2008 N Пр-212
2. Государственная Программа Российской Федерации «Информационное общество (2011 - 2020 годы)» (Распоряжение Правительства Российской Федерации от 20 октября 2010 г. № 1815-р)
3. Федеральный закон «Об официальном статистическом учете и системе государственной статистики в Российской Федерации» от 29.11.2007. N 282-ФЗ
4. Кордонский С. Веерные матрицы как инструмент построения онтологий – Вашингтон, Издательство Юго-Восток, 2011. – Серия «Гитика Сайенс» - 66 с.
5. Моляренко О.А. Информационная основа деятельности органов власти на муниципальном уровне // Вопросы государственного и муниципального управления. – 2014. - № 3.
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| **10. Way of examining** | The assessment criteria and grade system are the following:

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| *Mark’s components* | *Weight in the final mark* |
| Oral exam | 0.2 |
| Test | 0,16 |
| seminars work | 0,24 |
| homework | 0,4 |

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