**Course abstract, Б.Пр.В.П.2.6, Innovation Management**

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| **1. Course number, title, and ECTS** | **Б.Пр.В.П.2.6, Innovation Management, 5 ECTS**  Course of specialization  Lectures – 18  Seminars & Practical Classes – 22  Contact Hours – 40  Self-study Hours – 150 |
| **2. Course instructors during Self-Evaluation year and site visit year** | Mrs. Viktoria Kiseleva, Full Professor, Doctor of Economics  Mr. Andrey Fonotov, Full Professor, Doctor of Economics |
| **3. Prerequisites for the course** | Б.Пр.Б.16. Tools of Governance  Б.Пр.Б.9. Public Economics-1 |
| **4. Course objectives in relation to total curriculum** | The development of the discipline "Innovation Management" is the provision of specific specialist knowledge, abilities and skills to work in the field of management of innovative economy, to understand the structure and purpose of the innovation management, to formulate, evaluate, and organize specific activities in the innovation policy at the enterprise level, region, municipal and state programs, the corresponding knowledge economy. |
| **5. Learning outcomes** | Obtaining a systematic representation about the theoretical foundations of Economics of innovation  • knowledge of object of the state innovation policy - scale of the dynamics and structure of the national innovation system of the Russian Federation in a number of developed countries in the world  • the mastery of basic skills in empirical analysis of innovation governance and evaluation of results of implementation of state innovation policy. |
| **6. Course description** | The achievement of these goals provides an opportunity to meet at least the following tasks, relevant research activities:   1. Information search, collection, primary processing and organization of data, creation and maintenance of databases, including the collection and processing of scientific information presented in the leading scientific publications in the subject area of state and municipal management 2. A comparison of the purpose and objectives research goals and objectives of the existing research in this subject fields 3. The application of statistical, sociological (quantitative and qualitative) and other empirical and otherwise, including interdisciplinary research methods, processing of results of Organizational and managerial activities . Participation in the development and implementation of organizational strategy and development projects of the organization of the 4. Participation in the preparation, planning and implementation of projects, programmes 5. Participate in change management and implementations in organizations   Project activities:  1. Participate in the development, planning and monitoring the implementation of variative development projects at the Federal, regional and local levels, as well as projects and programs in the organization of PD-1 2. Participation in the development of forecasts of project performance, including in the social sphere PD-2 |
| **7. Learning and teaching methods** | For the development of the discipline, in addition to the traditional methods use role-playing, remote consultations, design work. |
| **8. Major topics covered** | SECTION 1 the Theory of innovation   * Fundamentals of the theory of innovation: concepts, sources, typology of innovation Features of innovation management at different levels of decision-making * National innovation system – types and evolution.   SECTION II Scientific and innovation policy of the Russian Federation   * Place an innovative policy of the Russian Federation in the system of strategic decisions * The concept of long-term strategic planning . * The policy of protection of intellectual property |
| **9. Prescribed books and readings** | 1. Киселева В.В., Колосницына М.Г. (2008). Государственное регулирование инновационной сферы Учебное пособие. М., ГУ-ВШЭ . С. 48-76. 2. Индикаторы науки: 2015. Статистический сборник. М.: НИУ ВШЭ. 2015. 3. UNESCO Science Report, Towards 2030. 4. Muscio A., Quaglione D., Vallanti G. Does government funding complement or substitute private research funding to universities? // Research Policy. – 2013. – Т. 42. – №. 1. – С. 63–75. 5. «Стратегия инновационного развития РФ а период до 2020 года». 6. Carayannis E.,Grigoroudis E.,(2016) Quadruple innovation Helix and Smart Specializa-tion Knowledge Production and National Competitiveness. —Foresight and SNI Governance —vol 10—., № 1 pp.31-.42 7. Smart Regulation: A Regulatory Strategy for Canada http://publications.gc.ca/collections/Collection/CP22–78–2004E.pdf 8. Lundvall. National Innovation System: Analytical Focusing Device and Policy Learning Tool.// Working paper. R2007:004.2007; 9. Управление исследованиями и разработками в российских компаниях. Национальный доклад. ИМИ НИУ ВШЭ. 2011. 10. [Kwon](http://www.sciencedirect.com/science/article/pii/S0040162516304139) S., Motohashi K. How institutional arrangements in the National Innovation System affect industrial competitiveness: A study of Japan and the U.S. with multiagent simulation //[Technological Forecasting and Social Change](http://www.sciencedirect.com/science/journal/00401625). [Volume 115](http://www.sciencedirect.com/science/journal/00401625/115/supp/C), February 2017, Pages 221–235 11. Марш П. Новая промышленная революция. Потребители, глобализация и конец промышленного производства. М.: Изд-во Института Гайдара, 2015. 12. Muscio A., Quaglione D., Vallanti G. Does government funding complement or substitute private research funding to universities? // Research Policy. – 2013. – Т. 42. – №. 1. – С. 63–75. 13. Фонотов А.Г. Стратегические ориентиры инновационной политики.// Проблемы прогнозирования. 2015, №5. 14. Федеральный закон “О коммерческой тайне”. 15. Гражданское право: учебник: в 3 т. Т. 3/ И.З. Аюшеева, А.С. Васильев, В.В. Голофаев (и др.); под общ. ред. С.А. Степанова. – Москва, 2014, гл. 88; 89 § 5; 90-92; 96-104. 16. OECD Science, Technology and Industry Outlook. OECD. 2006 17. Балацкий Е.В., Екимова Н.А. Доктрина высокотехнологичных рабочих мест в российской экономике. М.: Эдитус, 2013. – 124 с. 18. Goel, K.R.; Rich, D.P. Organization of markets for science and technology // Journal of inst. a. theoretical economics = Ztschr. fur die gesamte Staatswiss. JITE. Tubingen, 2005. Vol. 161, № 1. 19. Inzelt А. foreign Direct investments in R&D: Skeen-deep and soul-deep cooperation // Science and Public Policy. 2000. Vol. 27. №4 20. The Global Technology Revolution 2020. In-Depth Analyses. Bio/Nano/Materials/Information. Trends, Drivers, Barriers, and Social Implications. 21. Carr, C. Globalisation, strategic alliances, acquisitions and technology transfer. Lessons from ICL/Fujitsu and Rover/Honda and BMW // R a. D management. - Oxford, 1999. Vol. 29, N4. |
| **10. Way of examining** |  |