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| University | Peter the Great St.Petersburg Polytechnic University |
| Level of English proficiency | Upper Intermediate |
| Courses and fields of studies offered for applicants | *5.2 Economy*<br>*5.2.6 Management* |
| Projects for potential academic supervision | Participant of the Russian Science Foundation grant on the topic "Program-oriented management of the integrated development of the Arctic zone of the Russian Federation" (2014-2018)<br><br>Winner of the International Competition for Scientific, Scientific and Technical Developments Aimed at the Development and Exploration of the Arctic and its Continental Shelf (2017)<br><br>Member of a scientific group working on the project "Development of an intelligent hierarchical model system to manage the implementation of advanced production technologies in eight Arctic support areas (Kola, Arkhangelsk, Nenets, Vorkuta, Yamalo-Nenets, Taimyr-Turukhansk, North Yakutsk, and Chukotka)."<br><br>The author of the models for international transport corridors compared to the Northern Sea Route as part of the project "Program-oriented Management of the Integrated Development of the Arctic Zone of the Russian Federation." (2017)<br><br>Author of methods for developing models of spatial economic development, including models of territories and individual Arctic subspaces. The research was conducted in the context of "Program-oriented Management of the Integrated Development of the Arctic Zone of the Russian Federation" (2017).<br><br>Study of the complex problem "The state and prospects of development of the Arctic space by circumpolar countries" (within the framework of the thesis for the degree of Candidate of Economic Sciences) (2021)<br><br>Member of the scientific group led by Prof. Silkina G. Y. "Digital transformation of the company's business processes" (2020 - 2023)<br><br>Member of the scientific school "Technological Development of the World" (2024 - present) |
| Topics offered for prospective researches | Development of an international high-tech company based on data mining.<br><br>Managing the technological development of an international company based on data mining.<br><br>Formation of the company's international business strategy in the context of global instability.<br><br>Strategic management of the process of entry of high-tech companies into international markets |
| | *Management and International Business* |
| | *Supervisor's research interests*<br>Management of an international company<br>International business strategies<br>Management in international alliances and networks of firms<br>Strategic alliances between companies and technological development management |

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| | *Study program highlights*<br><br>    Modeling of management processes using modern analytical tools<br><br>    The approbation of research results on a real-life model, which could be a high-tech company operating in the field of international business |
| | *Supervisor's specific requirements:*<br><br>    English language proficiency is at least C1.<br><br>    Knowledge and ability to use Excel, SPSS, Stata, R, and EViews application software packages.<br><br>    The ability to collect and process information to solve complex and specific tasks.<br><br>    Skills in writing scientific articles. Existing experience of publishing in peer-reviewed scientific journals.<br><br>    Publication activity (at least 2 articles in peer-reviewed journals on the research topic). |
| Research supervisor:<br><br>Kseniya N. Kikkas<br><br>PhD in Economics (Peter the Great St. Petersburg Polytechnic University) | *Supervisor's publications*<br>Total number of publications in journals indexed by Web of Science, Scopus, RSCI over the past 5 years - 12, including:<br><br>1. Kikkas, K.N. The impact of digital transformation on the micrologistic system, and the open innovation in logistics / Didenko N., Skripnuk D., Kalinina O., Kosinski E.// Journal of Open Innovation: Technology, Market, and Complexity: Volume7: Issue 2. 2020 Scopus.<br>2. The experience of increasing labor productivity in the Arctic nations / K. Kikkas, E. Chagina, I. Garbuzyuk, J. L. Mazzaccaro // International Journal of System Assurance Engineering and Management. – 2020. – Vol. 11, No. Suppl. 1. – P. 69-75. – DOI 10.1007/s13198-019-00823-8.<br>3. Kikkas, K.N. Analysis and forecast of the social sphere development in the arctic regions of the Russian Federation within the framework of industry 4.0 exemplified by Murmansk region / Antipov S.K., Bobodzhanova L.K., Krasnozhenova E.E.// IOP Conference Series: Earth and Environmental science 2021. 816. 2021, 012001 Scopus.<br>4. Kikkas, K.N. Arctic tourism development: comparative study of Murmansk region and Norway / Sosnina M.N., Rubtsova A.V // IOP conference series: Earth and Environmental Science 2021. 625. 2021 Scopus<br>5. Kikkas, K.N. Development of Northern sea route and arctic maritime logistics/ Didenko N., Skripnuk D., Kaźmierczyk J. // Contributions to Management Science Springer 2022. C.17-43<br>6. Kikkas, K.N. Methodology for the formation of a digital model of the life cycle of an offshore oil and gas platform/ Didenko N., Skripnuk D., Merkulov V., Kikkas K.N., Skripniuk K.//RESOURCES 12(8), 86; 2023; Scopus Q2.<br>7. Kikkas, K.N. Methodology of a circular economy in a specific territory/ Skripnuk D., Didenko N., Gazizulina A., Skripniuk KSustainability 15(13), p. 10363; 2023; Scopus Q1 |

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| | 8. Kikkas, K.N. Forecasting of the Global Market of Software that Uses Artificial Intelligence Algorithms/ Skripnuk, D.F., Merkulov, V.I. // Lecture Notes in Networks and Systems 2023, 684 LNNS, c.707–721 |
| | Impacts of Supervisor's research |