

# Ural Federal University Master Programs in English

General Information	Important information	Courses	Graduates' areas of activity
<p><b><i>Political Philosophy</i></b>            The "Political Philosophy" Master's program at Ural Federal University is one of the few Master's programs in Political philosophy existing in Russia and the only international one, with its core courses taught in English. The program offers a range of courses in modern political philosophy, as well as courses in social research methods. Political Philosophy studies the ways people organize their collective life, and examines what society is and what "good society" means. Its particular interest lies with how our critical capacity and individual agency can transform the world we live in. The program has a strong comparative component, as it seeks to balance the Western-oriented canon in political theory with the study of politics by Eurasian and Russian thinkers. In addition to the local faculty members, many of them holding international graduate degrees, classes are taught by professors from partner institutions, such as Utrecht University (Netherlands), Central European University (Hungary) and others.  <a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/political-philosophy/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/political-philosophy/</a></p>	<p><b>Duration of study:</b> 2 years  <b>Direction:</b> Philosophy, Ethics and Religious Studies  <b>Subject:</b> Social philosophy  <b>Code:</b> 47.04.01  <b>Credits:</b> 120 ECTS  <b>Language of instruction:</b> English  <b>Entry requirements:</b> BA in Social Sciences or Humanities, certificate of English proficiency (B2 level or higher). Final admission is decided upon an interview (a skype interview is possible).</p>	<ul style="list-style-type: none"> <li>• History of Political Philosophy</li> <li>• Modern Political Philosophy</li> <li>• Qualitative and Quantitative Research Methods in Social Sciences and Humanities</li> <li>• Digital technologies in social research and humanities</li> <li>• Academic Writing (I and II)</li> <li>• Theory of Modernity</li> <li>• Subjects of Modernity</li> <li>• Political Philosophy and Gender</li> <li>• Philosophy of the Body and Biopolitics</li> <li>• Critical Reflection in Politics</li> <li>• Contemporary Institutional Studies</li> <li>• Micropolitics</li> <li>• Theory of Action</li> <li>• Research Seminar</li> <li>• Foreign Language (Russian or other)</li> </ul>	<p><b>Career opportunities:</b> counsel or and administrative positions in governmental and non-governmental organizations, research and teaching at various academic establishments.</p>

<p><b>Russian Studies in Real Russia</b>  The program covers various aspects of the past and the present of the country: language, culture, political and social life of Russia within the global context. We provide the courses for those who would like to start a career in exhibition business and tourism, mass media, social centers, cultural foundations or diplomatic agencies.</p> <p>– This program covers various aspects of Russia’s past and present: language, culture, political and social life. The key issues are identity, modernity and integration with the broader cultural context of Post-Soviet Eurasia, as well as intensive study of the Russian language  – There is a possibility of academic exchange for international students (30 ECTS)</p> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/russian-studies-in-real-russia/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/russian-studies-in-real-russia/</a></p>	<p><b>Duration of study:</b> 2 years  <b>Direction:</b> Political Sciences and Regional Studies  <b>Subject:</b> Russian Regional Study  <b>Code:</b> 41.04.02  <b>Credits:</b> 120 ECTS  <b>Language of instruction:</b> English  <b>Entry requirements:</b> 4-year Bachelor’s degree (or equivalent)</p>	<ul style="list-style-type: none"> <li>• Information Technologies in Regional Studies</li> <li>• History of Russian Studies</li> <li>• Practical Analytics: Studying Russia Through Case Studies</li> <li>• Research Practice</li> <li>• Translation Practice</li> <li>• Russian Language</li> <li>• English Language</li> <li>• Russian Language for Business</li> <li>• Speech Practices in Modern Russian Language</li> <li>• Historical Anthropology of Russia</li> <li>• Soviet Heritage in Art and Culture</li> <li>• Historical Memory and Tradition in Post-Soviet Countries</li> <li>• Multicultural Russia: Ethics, Traditions and Psychology</li> <li>• Society and Economics of Modern Russia</li> <li>• Social Characteristics of a Post-Soviet City</li> <li>• Political Philosophy in Modern Russia</li> <li>• Political System of Modern Russia</li> <li>• Russia: Colonization, the Empire and Integration of Eurasian Space (15th to 20th centuries)</li> <li>• Ethnical and Cultural Conflict Theories</li> <li>• Post-Soviet Countries in International System</li> </ul>	<p>We provide courses for those who would like to start a career in exhibition business and tourism, mass media, social centers, cultural foundations or diplomatic agencies.</p>
---	--	---	---

<p>BRICS Countries in a Globalizing World Training specialists for the spheres of cooperation within BRICS.</p> <p><b>Program highlights:</b></p> <ul style="list-style-type: none"> <li>– Wide opportunities for conducting research using the facilities of UrFU infrastructure and partner enterprises</li> <li>– Upon completion of the Program, graduates choose one of BRICS Universities to continue their education</li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/brics-countries-in-a-globalizing-world/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/brics-countries-in-a-globalizing-world/</a></p>	<p><b>Duration of study:</b> 2 years <b>Direction:</b> Political Sciences and Regional Studies <b>Subject:</b> Foreign Region Studies <b>Code:</b> 41.04.01 <b>Credits:</b> 120 ECTS <b>Language of instruction:</b> English <b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent)</p>	<ul style="list-style-type: none"> <li>• Regions of Innovations in BRICS</li> <li>• BRICS Countries in World Politics</li> <li>• Business Culture in BRICS</li> <li>• International Market Strategies in BRICS</li> <li>• Corporate Administration in BRICS</li> <li>• International Migrations in BRICS</li> <li>• Social and Cultural Development in BRICS</li> <li>• Methods of Contemporary Social Studies</li> <li>• Theory of Ideologies</li> <li>• Cultural Communications in BRICS</li> <li>• Nuclear Control</li> <li>• Mega-Urbanization in Global South</li> <li>• BRICS and Energy Security</li> <li>• BRICS and Information Security</li> <li>• Control over Dual-Use Technologies</li> <li>• Foreign Language</li> <li>• Research Work</li> <li>• Presentation and Communication Skills</li> <li>• Educational Traineeship</li> </ul>	<p>Program graduates work at governmental and non-governmental organizations operating within the framework of BRICS cooperation.</p>
---	--	---	---

<p>Knowledge Engineering and Intellectual Property Management Training specialists in knowledge and intellectual assets management, knowledge based systems management and the methodology of development of a company's intellectual assets</p> <p><b>Program highlights:</b> – Wide opportunities for conducting research using the facilities of UrFU Innovative System and partner enterprises – Internship on the basis of UrFU Innovative System</p> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/knowledge-engineering/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/knowledge-engineering/</a></p>	<p><b>Duration of study:</b> 2 years <b>Direction:</b> Management In Technical Systems <b>Subject:</b> Innovation Studies <b>Code:</b> 27.04.05 <b>Credits:</b> 120 ECTS <b>Language of instruction:</b> English <b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent)</p>	<ul style="list-style-type: none"> <li>• Science Methodology</li> <li>• History of Innovation</li> <li>• Modern Innovatics Problems</li> <li>• Civil Law</li> <li>• Economics</li> <li>• Foreign Language</li> <li>• Professional English in IP Sphere</li> <li>• Knowledge-Based Systems</li> <li>• Knowledge Management Systems and Services</li> <li>• Theory of Inventive Problem Solving</li> <li>• Industrial Technologies and Innovations</li> <li>• Statistics in Innovations</li> <li>• IP Law</li> <li>• Patent Research</li> <li>• National and International Patent Systems and Procedures</li> <li>• Patent Expertise</li> <li>• Patent Portfolio Management</li> <li>• IPR Evaluation</li> <li>• Intangible Assets Audit</li> <li>• Research Work</li> <li>• Business Model Generation</li> <li>• Quality Management</li> <li>• R&amp;D Controlling and Technology Transfer</li> <li>• Business Process Management Tools</li> <li>• Innovations Project Management</li> <li>• Strategic Management</li> <li>• Presentation and Communication Skills</li> <li>• Educational Traineeship</li> </ul>	<p><b>Career opportunities:</b> This program graduates will be qualified for careers in big or medium size companies focused on new products development or firms specializing in intellectual property management consulting.</p>
---	--	---	--

<p><b>Sustainability and Innovative Development of Knowledge-Intensive Productions</b></p> <p>The program is aimed at training specialists in industrial enterprises innovative development, managing organizational and economic stability of high-tech industries in dynamic development of economic systems. It focuses on forming functional competences for specialists in knowledge-intensive production organization. The list of competences includes:</p> <ul style="list-style-type: none"> <li>• In-depth knowledge of the advanced trends of technological development</li> <li>• Skills of product life cycle management</li> <li>• Skills of integrated logistic support of new products creation</li> <li>• In-depth knowledge of modern approaches to production organization including TQM, lean production, best international practices, etc.</li> <li>• Skills of planning and economic assessment of scientific and technological development</li> <li>• In-depth knowledge of organizational and economic instruments for resource management of innovative projects.</li> <li>• <b>Program highlights:</b> <ul style="list-style-type: none"> <li>– Exchange semester at Universidad Popular Autónoma del Estado de Puebla (UPAEP) (20 ECTS)</li> <li>– Advanced approaches to production organization, including TQM, lean production etc.</li> </ul> </li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/sustainability-and-innovative-development-of-the-knowledge-intensive-productions/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/sustainability-and-innovative-development-of-the-knowledge-intensive-productions/</a></p>	<p><b>Duration of study:</b> 2 years  <b>Direction:</b> Management In Technical Systems  <b>Subject:</b> Knowledge-Intensive Productions Organization and Management  <b>Code:</b> 27.04.06  <b>Credits:</b> 120 ECTS  <b>Language of instruction:</b> English  <b>Partner university:</b> Universidad Popular Autónoma del Estado de Puebla (UPAEP)  <b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent). Degree in engineering is preferred.</p>	<ul style="list-style-type: none"> <li>• Scientific Research Technologies</li> <li>• HR-Management</li> <li>• Theory of Inventive Problem Solving</li> <li>• Foreign Language</li> <li>• Mathematical Methods in Production Management</li> <li>• Strategy of Business Innovative Development</li> <li>• Intellectual Property Protection</li> <li>• Corporate Data Systems</li> <li>• Supply Chain Management</li> <li>• Lean Production Concept</li> <li>• Production Organization and Scheduling</li> <li>• Engineering Economics</li> <li>• Competitive Intelligence</li> <li>• Industrial Marketing</li> <li>• Business Process Engineering</li> <li>• Evaluation and Risk Management of Investment Projects</li> <li>• Applied Aspects of Quality Management</li> <li>• Technical and Economic Assessment of Engineering Solutions</li> <li>• Value Analysis</li> <li>• Financial Provision of Innovative Activity</li> <li>• Practical and Research Work</li> <li>• Final state attestation</li> </ul>	<p><b>Career opportunities:</b></p> <p>This program graduates will be qualified for careers in big industrial enterprises and venture enterprises as linear managers of top- and medium-level management structural units, production managers of knowledge-intensive industrial production, project managers at functional management units that provide design and production of high-science products.</p>
--	--	---	---

<p>Food Biotechnology Training highly qualified specialists in production quality control, product development and innovation in food and drink industries.</p> <p><b>Program highlights:</b></p> <ul style="list-style-type: none"> <li>• Close collaboration with industry and employers</li> <li>• Access to advanced equipment for studying properties of microorganisms and cell cultures</li> <li>• In-depth studies of beer, low-alcohol drinks and milk products manufacturing.</li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/food-biotechnology/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/food-biotechnology/</a></p>	<p><b>Duration of study:</b> 2 years <b>Direction:</b> Industrial Ecology and Biotechnologies <b>Subject:</b> Biotechnology <b>Code:</b> 19.04.01 <b>Credits:</b> 120 ECTS <b>Language of instruction:</b> English <b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent) in Biotechnology, Biochemistry, Biochemical Engineering, Biology or in related fields.</p>	<ul style="list-style-type: none"> <li>• Economics, Management and Innovations in Biotechnology</li> <li>• Philosophical Problems of Natural Sciences</li> <li>• Modern Problems of Biotechnology</li> <li>• Information Technologies in Science and Education</li> <li>• Russian as a Foreign Language</li> <li>• Homeostasis and Human Nutrition</li> <li>• Methodological Fundamentals in Biotechnological Research</li> <li>• Design and Equipment of Food Production in Biotechnology</li> <li>• Quality Control of Biotechnological Products</li> <li>• Biocatalysis and Biocatalytic Technologies</li> <li>• Metabolic Engineering in Food Biotechnology</li> <li>• Genetic Engineering and Food/Molecular Genetic Fundamentals of Biotechnology</li> <li>• Beer and Low-Alcohol Beverages/Milk-Based Products Manufacturing</li> <li>• Biotechnological Processing of Vegetable Raw Materials/Biotechnological Processing and Application of Food Additives</li> </ul>	<p>This program's graduates will be qualified for careers in production quality control, product development and innovation in food and drink industries.</p>
---	---	--	---

<p><b>Modern Publishing Process Management</b> The program is aimed at training highly qualified copy editors, head editors and managing editors of publishing houses, managers of book, magazine, advertisement and web design projects, researchers in the field of publishing and media business with participation of the leading publishing houses and mass media representatives.</p> <p><b>Program highlights:</b></p> <ul style="list-style-type: none"> <li>• The program is unique due to its practice-oriented nature based on cooperation with the leading employers of the Ural region</li> <li>• The education is provided by the leading specialists of the region in the field of publishing business and by heads of publishing houses</li> <li>• Internships in publishing houses and mass media companies</li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/modern-publishing-process-management/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/modern-publishing-process-management/</a></p>	<p><b>Duration of study:</b> 2 years <b>Direction:</b> Mass Media and Information-Library Science <b>Subject:</b> Publishing Industry <b>Code:</b> 42.04.03 <b>Direction:</b> Mass Media and Information-Library Science <b>Subject:</b> Publishing Industry <b>Code:</b> 42.04.03 <b>Credits:</b> 120 ECTS <b>Language of instruction:</b> English <b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent). Degrees in Economics, Management, Publishing Business, Public Relations are preferred.</p>	<ul style="list-style-type: none"> <li>• Marketing Management in Publishing Business</li> <li>• Innovation Management in Publishing Business</li> <li>• Intellectual Property Management in Publishing Business</li> <li>• Publishing Project Management</li> <li>• Modern Publishing Technologies</li> </ul>	<p><b>Career opportunities:</b> The main feature of the program is the emphasis on systematic development of research and managing skills, which enables graduates to improve their skills in business field (operational management, project management) as well as in the fields of research and education. This program's graduates are in great demand at companies focused on publishing business. They can also be in demand in mass media, publishing houses, publicity agencies, and book selling companies.</p>
--	---	---	--

<p>IT Innovations in Business</p> <p>Training of specialists with in-depth knowledge in the development of automation and informatization of business processes for managing an electronic company, and introducing the innovations into business.</p> <p><b>Program highlights:</b></p> <ul style="list-style-type: none"> <li>• Obtaining practical skills in development of business processes and e-business automation and informatization projects supported by in-depth theoretical training</li> <li>• Exchange semester at Varna University of Economics, Bulgaria (30 ECTS)</li> <li>• Opportunity of obtaining a double degree (Ural Federal University + Varna University of Economics)</li> <li>• Internship at IT-departments of banks, insurance companies etc.</li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/it-innovations-in-business/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/it-innovations-in-business/</a></p>	<p><b>Duration of study:</b> 2 years</p> <p><b>Direction:</b> Informatics and Computer Technologies</p> <p><b>Subject:</b> Applied Informatics</p> <p><b>Code:</b> 09.04.03</p> <p><b>Credits:</b> 120 ECTS</p> <p><b>Language of instruction:</b> English</p> <p><b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent)</p>	<ul style="list-style-type: none"> <li>• Foreign Language/Russian language</li> <li>• Philosophical Problems of Science and Technology</li> <li>• Theory of Decision Making</li> <li>• Mathematical Modeling</li> <li>• Risk Management</li> <li>• Project Management</li> <li>• Analysis and Design of Information Systems for Business</li> <li>• Modeling of Business Processes</li> <li>• E-Business</li> <li>• Development of Web Applications with ASP.NET</li> <li>• IT-innovations in Business</li> <li>• Virtual System</li> <li>• Data Warehouse and OLAP-system</li> <li>• Corporate Networks</li> <li>• Intelligent Agents and Multi-Agent Systems</li> <li>• Security and Protection of Networks and Applications</li> <li>• Management of Software Development</li> <li>• Information Systems Management</li> <li>• Business Management Systems</li> </ul>	<p><b>Career opportunities:</b></p> <p>This program graduates will be qualified for careers in economic, financial, marketing, production and analytical services in different industries, areas and forms of ownership, institutions and organizations, including financial, credit and insurance institutions, municipal authorities and the government, academic and institutional research organizations.</p>
--	---	--	---

<p>High Performance Sport</p> <p>The core of the program began to form in 2000, and starting from 2012 it has been implemented at Ural Federal University. The program was designed to train coaches highly skilled and experienced in athlete performance assessment and training programs development and management.</p> <p><b>Program highlights:</b></p> <ul style="list-style-type: none"> <li>• Highly practical focus of the studies</li> <li>• Teaching provided by the experts working in the fields of sport management</li> <li>• Vast infrastructure for study, research and sport activities offered by the university</li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/high-performance-sport/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/high-performance-sport/</a></p>	<p><b>Duration of study:</b> 2 years</p> <p><b>Direction:</b> Physical Culture and Sports</p> <p><b>Subject:</b> Sport</p> <p><b>Code:</b> 49.04.03</p> <p><b>Credits:</b> 120 ECTS</p> <p><b>Language of instruction:</b> English</p> <p><b>Partner university:</b> Universidad Popular Autónoma del Estado de Puebla(UPAEP)</p> <p><b>Entry requirements:</b> 4-year Bachelor's Degree (or equivalent).</p>	<ul style="list-style-type: none"> <li>• Research Methodology:</li> <li>• History And Methodology In Sports Research</li> <li>• Current Problems In Sport Sciences</li> <li>• Sports Information Technologies</li> <li>• Professional Communication:</li> <li>• Foreign Language (Part 1)</li> <li>• Business Correspondence</li> <li>• Introduction to High Performance Sport:</li> <li>• Anatomy And Physiology In Sport</li> <li>• Biomechanics And Movement Analysis In Sport</li> <li>• Sports Training Technologies</li> <li>• Strength And Conditioning (Part 1)</li> <li>• Co-Factors of High Performance Sport:</li> <li>• Non-Training Factors In Sport</li> <li>• Psychology Of Coaching</li> <li>• Selection And Orientation In Sport</li> <li>• Research Activities</li> <li>• High Performance Sport Sciences:</li> <li>• Sports Training Technologies</li> <li>• Strength And Conditioning (Part 2)</li> <li>• Medical Support In Training And Competitive Activities</li> <li>• Professional Culture:</li> <li>• Foreign Language (Part 2)</li> <li>• Olympic Sport Ethics And Culture</li> <li>• Practical work and Research</li> <li>• Master Thesis</li> </ul>	<p><b>Career opportunities:</b></p> <p>This program graduates will be qualified to coach top-level and elite athletes, as well as for careers in such areas as sport program coordination, coaching in elite sports, in clubs and universities, public and private sports organizations.</p>
--	---	---	--

<p>Cognitive Neuroscience</p> <p><b>The Master's program "Cognitive neuroscience" aims to prepare highly qualified specialists in the field of studying the brain and cognitive processes. The program comprises fundamental theoretical training in the field of brain research and neurocognitive processes: neurology, neuropsychology, principles of neuroscience, neurocognitive development of children, methods of brain research and approaches to neurorehabilitation.</b></p> <p><b>Program highlights:</b></p> <ul style="list-style-type: none"> <li>• The Master's program employs the scientific-practical database laboratory of Brain and Neurocognitive Development at the Academic Department of Clinical Psychology and Psychophysiology, Department of Psychology (headed by S. Kiselyov).</li> <li>• Bases for practical training of undergraduates will also be the Clinical Institute of Brain (Director Prof. A. Belkin), Regional psychiatric hospital, correctional and developmental centers of Ekaterinburg city.</li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/cognitive-neuroscience/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/cognitive-neuroscience/</a></p>	<p><b>Duration of study:</b> 2 years  <b>Direction:</b> Psychological Sciences  <b>Subject:</b> Psychology  <b>Code:</b> 37.04.01  <b>Credits:</b> 120 ECTS  <b>Language of instruction:</b> English  <b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent)</p>	<ul style="list-style-type: none"> <li>• Research Areas and Actual Problems of Modern Psychology</li> <li>• System Analysis and Decision Making</li> <li>• Teaching Psychology in Higher Education</li> <li>• Foreign Language</li> <li>• Communication Technologies in Psychology</li> <li>• Theoretical and Empirical Research in Psychology</li> <li>• Statistical Methods in Psychology</li> <li>• Experimental Methods in Neuroscience</li> <li>• Methods of Behavioral Genetic Research</li> <li>• Research in Neuromarketing</li> <li>• Fundamentals of Neuroscience</li> <li>• Cognitive Neuroscience</li> <li>• Computational Neuroscience</li> <li>• Neurology</li> <li>• Neuropsychology of Childhood</li> <li>• Neuropsychological Diagnostics of Children</li> <li>• Neuropsychological Correction in Childhood</li> <li>• Neurorehabilitation</li> <li>• A Psychoanalytic Approach to the Assessment of Child Development</li> <li>• Child Neurology</li> <li>• Brain Development and Neurocognitive Functions in Childhood</li> <li>• Applied Aspects of Psychophysics</li> <li>• Differential Psychophysiology</li> <li>• Functional Asymmetry of the Brain</li> <li>• Internship</li> <li>• Research Work</li> <li>• The State Final Certification</li> </ul>	<p><b>Career opportunities:</b></p> <p>Successful mastering of this program will allow graduates to work at research centers (as researchers), at educational institutions (as teachers), and at neurorehabilitation and correctional-educational centers – as practitioners.</p>
---	---	--	---

<p>Global Energy Business Training of highly qualified professionals for employment in global and domestic energy markets, overhaul projects in power generation based on cutting-edge innovative technologies, in engineering, analysis and research requiring broad vision and unconventional interdisciplinary approaches.</p> <p><b>Program highlights:</b></p> <ul style="list-style-type: none"> <li>• Emphasis on advanced teaching methods that build competency to act ahead amid uncertainty and risk in the external environment</li> <li>• Field trips to innovative power production facilities operated by Russian companies</li> <li>• One exchange semester (20 ECTS) at partner University Politecnico di Torino</li> <li>• Professional internship (10 ECTS) is foreseen at Ekaterinburg Electric Grid Company, Interregional Distributive Grid Company of Urals and other companies</li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/global-energy-business/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/global-energy-business/</a></p>	<p><b>Duration of study:</b> 2 years <b>Direction:</b> Economics and Management <b>Subject:</b> Management <b>Code:</b> 38.04.02 <b>Credits:</b> 120 ECTS <b>Language of instruction:</b> English <b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent) in Engineering, Economics, Law or Management</p>	<ul style="list-style-type: none"> <li>• Managerial Economics</li> <li>• Asset Management of an Energy Company</li> <li>• Global Trends in The World Economy</li> <li>• Energy Marketing</li> <li>• Experts Interaction</li> <li>• Organizational and Activity Games</li> </ul> <p>Elective course:</p> <ul style="list-style-type: none"> <li>• General Theory of Systems and System Approach to Management/Modern Methods and Technologies of Training</li> <li>• Research Methods in Management</li> <li>• Corporate Finances</li> <li>• Infrastructure of Energy Business</li> <li>• Cross-cultural Communications in International Cooperation <ul style="list-style-type: none"> <li>• Elective course: Fundamentals of Managerial Professionalism/Leadership</li> </ul> </li> </ul> <p>Elective course:</p> <ul style="list-style-type: none"> <li>• Conceptual Design of Business Development/Economics of Energy Companies</li> <li>• Educational Practice</li> <li>• Organizational Theory &amp; Behavior</li> <li>• Modern Strategic Analysis</li> <li>• Corporate Social Responsibility in Energy Industry</li> <li>• Project Management</li> <li>• Advanced Energy Technologies</li> <li>• Energy Service Markets</li> </ul>	<p><b>Career opportunities:</b> Graduates are of great demand at companies focused on energy production, distribution, retail or maintenance.</p>
--	--	---	---

		<ul style="list-style-type: none"> <li>• Ecological and Economic Evaluation of Investments</li> <li>• Innovative Environmental Technologies <ul style="list-style-type: none"> <li>• Elective course: Improving the Labor Organization and Remuneration/Technologies of Personnel Development</li> <li>•</li> <li>• Elective course: Systems of Energy Efficiency Management/Dispatching Management in Energy Industry</li> </ul> </li> <li>Elective course:</li> <li>• Investment Analysis/Investment Management in Large Companies</li> <li>• Pre-Diploma Practice</li> <li>• Exams and Thesis Defense</li> <li>• Research Work</li> <li>• Environmental Compatibility of Energy</li> <li>• Energy Resources</li> <li>• Environmental Impact of Energy Production</li> <li>• Economic Evaluation of Energy Production</li> <li>• Renewables</li> <li>•</li> </ul>	
--	--	---	--

<p><b>System Programming</b>  Training specialists competent in software engineering and possessing in-depth knowledge of computer hardware. Students will learn mathematical and theoretical foundations of computer science related to system programming, modern operation systems and compilers, programming languages used for system programming, both low-level (assembler) and high-level (C/C++). A significant part of the educational process is devoted to modern hardware: computer systems, networks, parallel and distributed systems.</p> <p><b>Program highlights:</b></p> <ul style="list-style-type: none"> <li>• Students may choose one of the following directions: Computer Networks, High Performance Computing and Supercomputing Technologies, or Distributed Systems</li> <li>• Wide opportunities for research under the guidance of UrFU scientific advisers</li> <li>• Access to the well-developed IT infrastructure of the university, including the networking laboratory equipped with Cisco hardware, the high performance computing cluster and the cloud platform.</li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/system-programming/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/system-programming/</a></p>	<p><b>Duration of study:</b> 2 years  <b>Direction:</b> Computer and Information Sciences  <b>Subject:</b> Mathematics and Computer Sciences  <b>Code:</b> 02.04.01  <b>Credits:</b> 120 ECTS  <b>Language of instruction:</b> English  <b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent) in Mathematics, Computer Science, Software Engineering or related areas.</p>	<ul style="list-style-type: none"> <li>• Foreign Language</li> <li>• Russian as a Foreign Language</li> <li>• Parallel Software Development</li> <li>• Linux Operating System</li> <li>• Analysis and Design of Algorithms</li> <li>• Introduction to Functional Programming</li> <li>• Functional Data Structures</li> <li>• Distributed Object Technologies</li> <li>• Introduction to Big Data Technologies</li> <li>• Advanced C++</li> <li>• Python 3</li> <li>• Xeon Phi Programming</li> <li>• Scientific Software Development in C Workshop</li> <li>• GPU Programming</li> <li>• Philosophical Problems of Mathematics</li> <li>• Discrete Mathematics</li> <li>• Computational Complexity</li> <li>• Information Theory</li> <li>• Differential Games</li> <li>• Basics of Compiler Design</li> <li>• Computer Architecture and Organization</li> <li>• Low-Level Programming</li> <li>• Hardware Programming</li> <li>• Partial Differential Equations with Time Delay: Mathematical Modelling, Numerical Methods and Parallel Algorithms</li> <li>• Web Programming</li> <li>• Computer Networking</li> <li>• Advanced Computer Networking</li> <li>• Harmonic Analysis of Discrete Signals</li> </ul>	<p><b>Career opportunities:</b>  Graduates are in high demand at web companies, communications service providers, hardware vendors, software companies, and system integrators worldwide.</p>
---	--	--	---

		<ul style="list-style-type: none"><li>• Analytical Compressing Methods: Theory, Methods, and Implementation</li><li>• Optimal Control</li><li>• Optimal Control Problems: Practical Approach with Matlab</li><li>• Research and Thesis Defense</li><li>• Internship</li></ul>	
--	--	---	--

<p>PR &amp; Advertising: Harmonization of Cross-Cultural Communications</p> <p><b>Program goal:</b> training global leaders and researchers who will play active roles in dealing with actual problems which we face in the present international community, especially those specific to the fields of "Advertising and Public Relations," "Media and Culture" and "Community and International Business"</p> <p><b>Program highlights:</b></p> <ul style="list-style-type: none"> <li>• Exchange semester at Federal University of Ouro Preto, Brazil (30 ECTS)</li> <li>• Opportunity of obtaining a dual degree (Ural Federal University + Pontifical Catholic University of Minas Gerais, Brazil)</li> <li>• Internship at PR &amp; advertising agencies and departments of enterprises, banks, insurance companies etc.</li> </ul> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/pr-advertising/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/pr-advertising/</a></p>	<p><b>Duration of study:</b> 2 years</p> <p><b>Direction:</b> Mass Media and Information-Library Science</p> <p><b>Subject:</b> PR and Media Relations</p> <p><b>Code:</b> 42.04.01</p> <p><b>Credits:</b> 120 ECTS</p> <p><b>Language of instruction:</b> English</p> <p><b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent)</p>	<ul style="list-style-type: none"> <li>• Foreign Language/Russian language</li> <li>• Management of Integrated Marketing Communications</li> <li>• Theory of Scientific Research in Professional Sphere</li> <li>• Planning and Realization of PR &amp; Advertising Campaigns</li> <li>• PR &amp; Advertising Technologies in Different Spheres</li> <li>• Management of PR &amp; Advertising Agencies</li> <li>• Communication Theory</li> <li>• Technologies for International Communication</li> <li>• International Public Relations</li> <li>• Legal Aspects of International Communication</li> <li>• Technologies for Public Opinion Management</li> <li>• Internet Communications in International Sphere</li> <li>• Role of PR in Eurasian Integration</li> <li>• Effective Interpersonal Communication</li> <li>• Place Branding</li> <li>• Corporate Culture</li> <li>• International Integrated Communications</li> <li>• Political Aspects of International Communication</li> <li>• Management of Investors' Relations</li> </ul>	<p><b>Career opportunities:</b></p> <p>Program graduates will be qualified for careers in government agencies at the federal, regional and local levels; non-governmental institutions and organizations, social organizations, media consulting agencies, advertising and creative agencies, communication agencies, BTL and PR agencies, institutions and organizations of political, economic, social, educational, scientific, industrial, service, cultural and other fields.</p>
---	---	---	--

<p>International entrepreneurship in trade and service area</p> <p>The objective of the program is to contribute to building a global elite group of professionals with all necessary theoretical and practical skills in the field of development of entrepreneurial activities at international goods and services markets, participating in planning business processes and providing its logistic, marketing and financial support, able to act as competent and responsible leaders at international goods and services markets, creating environment for innovative development of the country and its integration into international economic system.</p> <p>The goal of the program is the training of highly qualified professionals for employment in global and domestic trade markets in such specific key areas as business strategies at international goods and services markets; organizational and legal forms of international entrepreneurship; international marketing; trade and commercial logistics and supply chain management; international financial reporting standards; taxation in international entrepreneurship; features of business activities development in Russia and abroad.</p> <p><a href="https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/international-entrepreneurship-in-trade-and-service-area/">https://urfu.ru/en/international/programs-and-courses/master-programs-in-english/international-entrepreneurship-in-trade-and-service-area/</a></p>	<p><b>Duration of Study:</b> 2 years</p> <p><b>Direction:</b> Economics and Management</p> <p><b>Subject:</b> Commerce</p> <p><b>Code:</b> 38.04.06</p> <p><b>Credits:</b> 120 ECTS</p> <p><b>Language of instruction:</b> English</p> <p><b>Entry requirements:</b> 4-year Bachelor's degree (or equivalent)</p>	<p>The contents of the program meet the challenges and economic and managerial training requirements that are dictated by the dynamic internationalization of the modern trade markets and entrepreneurship sector. It is infused with the spirit of innovation, change, team work combined with a personalized approach and personal development.</p> <ul style="list-style-type: none"> <li>• The program is designed in modules, which include economics and management in the trade and entrepreneurship sector; globalization issues of the trading business, interdisciplinary practical classes and electives. The syllabus covers:</li> <li>• foreign languages;</li> <li>• managerial economics;</li> <li>• strategic analysis;</li> <li>• corporate finance;</li> <li>• taxation in international entrepreneurship;</li> <li>• international marketing;</li> <li>• international trade;</li> <li>• international logistics;</li> <li>• crosscultural management;</li> <li>• business communication in international entrepreneurship;</li> <li>• entrepreneurship at international innovation market;</li> <li>• e-business etc.</li> </ul>	<p><b>Career opportunities:</b></p> <p>Program graduates will be qualified for careers in companies focused on trading, distribution, retail or innovation, government agencies at the federal, regional and local levels, media consulting agencies, institutions and organizations of political, economic, social, educational, scientific, industrial, service, cultural and other fields.</p> <p>Master program contains basic and elective disciplines, stipulating in-depth theoretical and practical training necessary for obtaining competencies vital for the future activities of the trainees. Besides basic and elective courses the program offers research seminars, combining research work and developing expert and analytical skills with teaching process and mastering practical tools. Students are required to attend</p>
---	---	---	--

			<p>seminars, participate in discussions, write several comparative essay, make peer review one of their classmates' papers, take a midterm quiz and participate in a presentation of their group project toward the end of the semester, make group research papers, final research and Master thesis defense; and to take a final oral exam. Each assignment is to be evaluated according to course criteria, which correspond to general university criteria.</p>
--	--	--	---