



Master program –

Governance of Science, Technology and Innovation



Dr. Dirk Meissner

Deputy Head and Research Professor

Research Laboratory for Science and Technology Studies
Higher School of Economics - National Research University
Institute for Statistical Studies and Economics of Knowledge



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The program vision

Understanding, exploring, developing and teaching the interaction of science, technology and innovation with society, organizations and countries as well as generating sustainable value and achieving measurable success from these interactions.



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What is our master degree?

Highly-talented students who are interested in studying science, technology and innovation from a broad perspective are invited to apply for admission to a two-year English-language MA program in **Governance of Science, Technology and Innovation** at the HSE.

Successful applicants will be

- Taught at the HSE's campus in Moscow,
- Taking courses at our international partner universities
- Doing internships in Russia or abroad
- Doing their Master thesis in the final semester, combining theoretical education and practical experience.

This all will enable you to apply science, technology and innovation policy and management skills in companies, organizations or in government bodies.



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Our concept

- **Mandatory courses**
 - Basic courses in technology & innovation management and STI policy
 - Support students creative and systematic thinking
- **Elective courses**
 - Complement mandatory courses
 - Choice of 7 out of 12 courses for students
- **Research seminar**
 - Supports own scientific work on current STI related topics
 - Serves as Master thesis discussion forum during Master thesis preparation
- **Master thesis**
 - Supervised by HSE professor or international scholar
 - Performed within external partner (company or public institution) or HSE
- **Internship**
 - During Master program
 - Dedicated special project work done within partnering institution



Highlights

- Pioneering Master education by taking account of the complexity of science, technology and innovation policy and management
- Combines STI management (micro level) and STI policy (macro level)
- Strong feature is academic work by students – Research Seminar and Preparatory Course are mandatory
- Complementary internship program for students
- Teaching language is English
- 18 courses in total
 - 6 mandatory courses (STI policy, Innovation Management, Foresight, Academic Work)
 - 12 elective courses to choose from (7 courses at least)



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Mandatory and elective courses

- ***Mandatory courses***

- Economic Studies of Innovation
- Innovation management strategies
- Methodologies for scientific research in STI
- Analysis and Measurement of STI
- Introduction to STI Policy
- Foresight and Strategic Long-term Planning

- ***Elective courses – 7 out of 12 required***

- Social Studies of STI
- Legal Aspects of STI
- Knowledge and Creativity Management
- Finance of Innovation
- Intellectual Property Management
- Management of Public Research Institutions

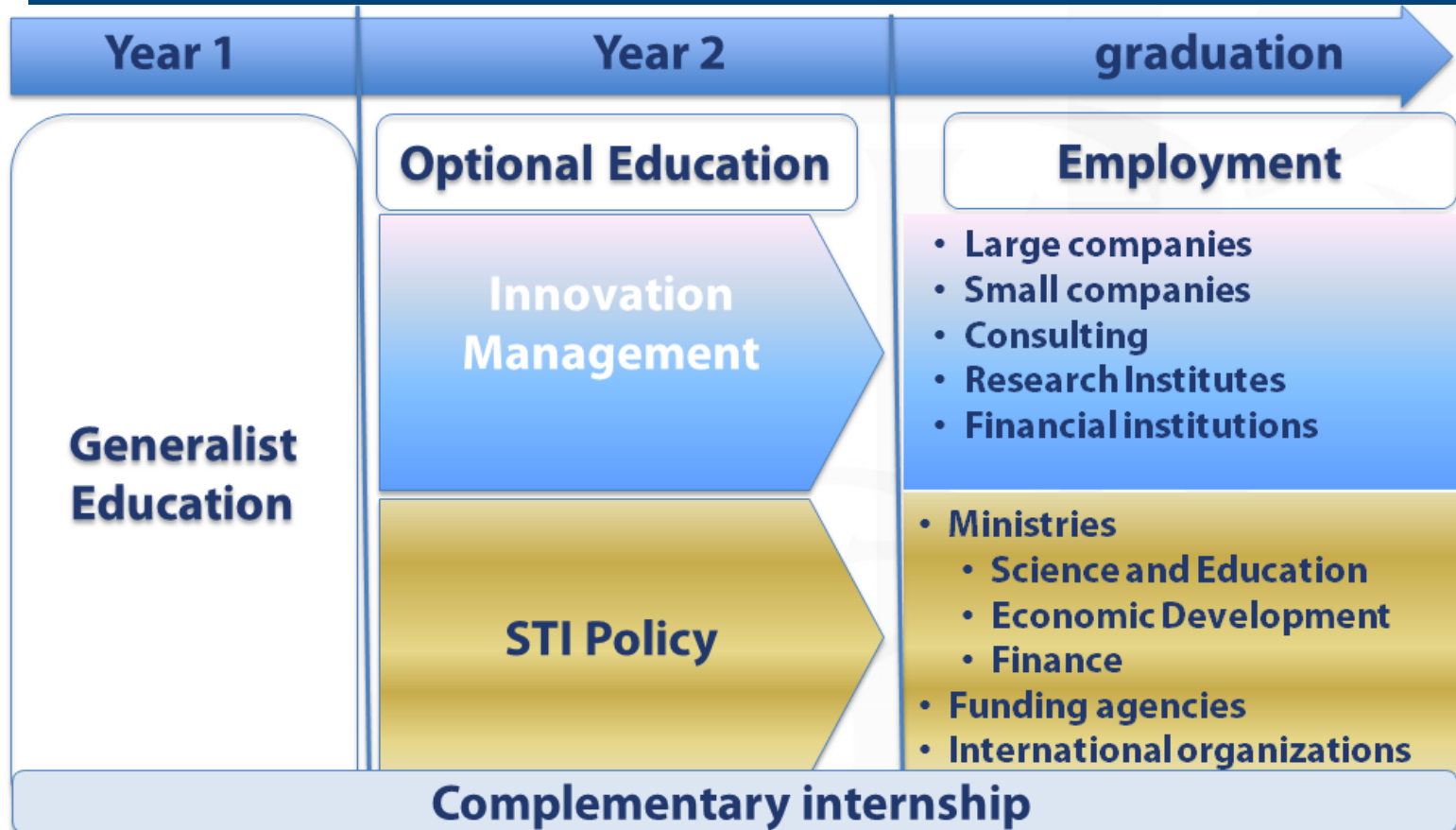
- Public Private Partnerships for STI
- Governance of Innovation Ecosystems
- Comparative Studies of STI
- Implementing STI Policy
- National and Regional Foresight
- Strategic Foresight for Organizations



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Program structure



Potential career areas include

- National institutions of development and research funds
- **60 largest companies and national corporations** with the total number of more than **4 million employees** create innovation departments
- Executive government bodies at federal and regional levels
- Industrial companies including large corporations with government partnership
- **Innovation clusters** – there have been created 25 innovation clusters in different parts of Russia (estimated volume of private investment – **1.6 trillion rubles**)



ВНЕШЭКОНОМБАНК



РОСАТОМ



Potential career areas include(2)

- R&D and innovation centers of international corporations
- Large international organizations
- National research universities and leading universities – participators of the «5-100» program
- Innovative companies within universities and research centers
- Leading Russian R&D companies



Volkswagen

Deloitte.



BCG

pwc



EY

Building a better working world

Yandex



Cognitive Technologies



The World Bank



WIPO





Our teaching faculty



Dr. Jonathan Linton,
PhD, professor of
University of
Ottawa(Canada)



Ian Miles, PhD,
University of
Manchester(the UK)



Dr. Thomas Thurner, PhD,
University of Cape
Town(SAR)



Charles Edquist, PhD,
Lund university (Sweden)

It unites both Russian and International professors who have leading expertise in industry, advisory, academy or super-national organizations like OECD, UNESCO, UNIDO or WorldBank.

Some of our lecturers



Leonid Gokhberg, DESc.,
HSE prorector, ISSEK
director



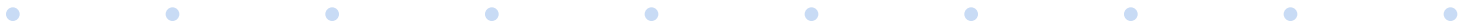
Alexander Sokolov, CPh-
MSc, Foresight
center director



Alexander Chulok, CESC,
deputy head of
ISSEK science-
technology
prognosis
department



Galina Kitova,
CESC, head of ISSEK
science policy
department





What others say



Learn to manage innovation provides you with outstanding career opportunities. I highly appreciate this excellent HSE Master program.

*Dr. Steffen Gackstatter
Director Innovation Management
PwC Management Consulting*

The new Master program on STI of the HSE offers a unique opportunity for students from Russia and from other countries to be exposed to the most recent knowledge in the field of innovation and innovation policies. The quality of the teaching staff guarantees the relevance and high level of the courses, and it will offer the richest international content."



*Dominique Guellec
Head of Country Studies and Outlook Division
Directorate for Science, Technology and Industry
OECD*

Who should apply?

Students with bachelor degrees in

- engineering and natural sciences
- Management
- Public administration
- Economics
- International relations
- Sociology
- Politics
- Law



Skills required

- Fluent English (although an *adaptive course* is provided)
- Self organized and self responsible problem solution
- Structural and analytical thinking capabilities
- Work experience at industry or public service is desirable but **not** obligatory

How to apply (July 2014)



Letter of motivation



Curriculum vitae,
letters of
recommendation



Previous
diploma and
certificates



Other documents
including
publications,
presentation etc.



Relevant
language
certificates



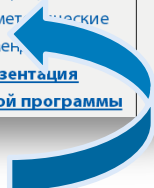
2 references
(including name,
position, contacts)

Don't forget about the Olympiad!



Registration deadline –
14 March, 12:00

	исследования		указания
Направление подготовки «Менеджмент»			
Менеджмент	Маркетинг	180	Демонстрационный вариант и методические указания
	Маркетинговые коммуникации и реклама в современном бизнесе		
	Стратегическое и корпоративное управление		
	Управление проектами		
	Управление человеческими ресурсами		
	Экономика впечатлений: менеджмент в индустрии гостеприимства и туризме		
	Управление в сфере науки, технологий и инноваций / Governance of Science, Technology and Innovation	180	Демонстрационный вариант и методические рекомендации Презентация магистерской программы



Check out a demo-version of our Olympiad at <http://olymp.hse.ru/ma/2014/demo>



Thank you for your attention!

Contact us

Dirk Meissner,
dmeissner@hse.ru,
+7 (495) 772-95-90 *
11701

Anna Sokolova,
avsokolova@hse.ru,
+7 (495) 772-95-90 *
11418

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