

# **Project Management and Agile**

## **Module 7, 2017-2018**

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### **Course description**

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In modern practice, companies are used to apply project management (PM) methods in order to achieve their strategic and tactical goals and often create temporary project teams for meeting individual business challenges. In addition to conventional PM, flexible approaches based on “agile” principles find greater usage these days.

The objective of this course is to familiarize students with the PM techniques derived from best international and Russian practices and standards, provide them with an understanding of basic principles, terminology, disciplines that are necessary for successful project implementation and methods for managing different aspects of project`s lifecycle. It is also aimed at developing students` practical skills in dealing with project`s parameters and formulating substantive documents, their ability to work in teams and allocate tasks effectively.

The course covers conventional PM approaches based on PMI, IPMA and Russian GOST standard recommendations as well as flexible methods of “agile” development and SCRUM methodology. Students will be introduced to the PM practices in the banking and IT sectors that will help them to further implement knowledge acquired throughout the course in FinTech and other contemporary industries.

After completion of the course, students will have an understanding of the PM processes, will be able to work on projects in teams and allocate tasks effectively within a group.

### **Course requirements, grading, and attendance policies**

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The course grade is based on home assignments (20%), final project defence (30%) and final exam (50%).

### **Course contents**

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1. Introduction to Project Management. International Standards. General concepts. Business value. Project manager`s role and competence. Project`s lifecycle.
2. Project management process groups. Disciplines. Planning. Executing. Monitoring and controlling of project`s activities and variables. Change control. Closing.
3. Managing content, time/schedule and costs. Projects in international companies.
4. Managing quality, human resources and communication. Projects in the banking sector.
5. Managing risks, procurement and stakeholders. IT projects.
6. Agile principles. Flexible methodology of development. SCRUM methodology.

### **Course materials**

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PMBoK, Scrum Guide, “Deadline. Роман об управлении проектами”.

**Academic integrity policy**

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Cheating, plagiarism, and any other violations of academic ethics at NES are not tolerated.