

# MOOCs and SPOCs in HSE: Challenges and Prospects



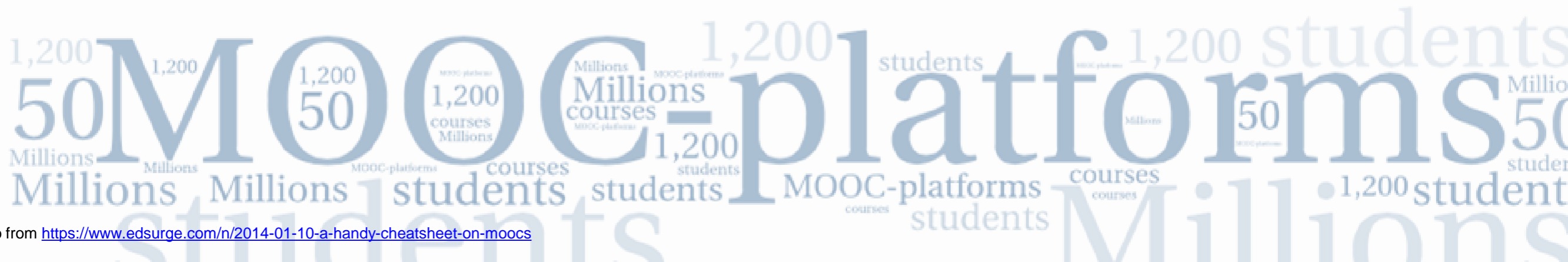
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Higher School of Economics, 2014

# What is MOOC?

MOOC (Massive Online Open Course) is a course of study made available over the internet without charge to a very large number of people\*

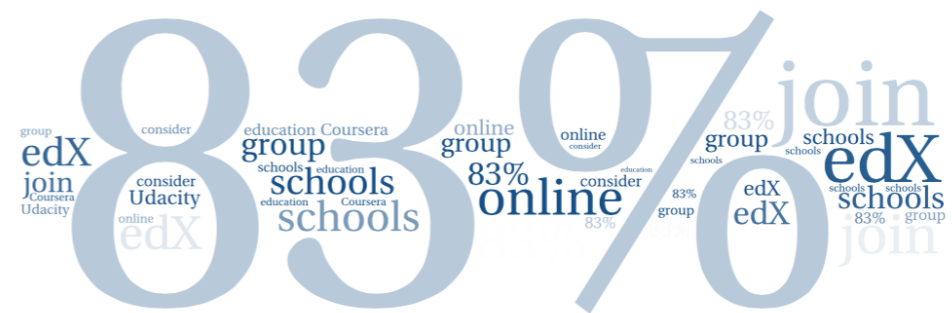
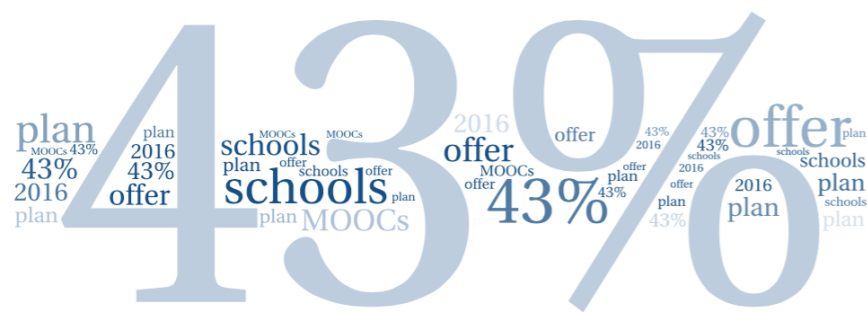
# MOOCs today:

- About 50 main MOOC-platforms
- Millions of students
- Over 1,200 courses



# MOOCs today:

- 43% of schools plan to offer MOOCs by 2016
- 83% of schools would consider joining an online education group such as edX, Coursera, or Udacity



# MOOCs in HSE

- Higher School of Economics joined Coursera in 2013
- Higher School of Economics offers 12 courses today
- 8 MOOCs have already been launched and 4 will start within 6 months
- HSE plan to offer 20 MOOCs on Coursera by the end of the year

- 31.9% of our teaching staff utilise University Learning Management System\*
- 44.5% of HSE students who responded have taken at least one or more web-facilitated or blended course over the period of their education\*\*
- 43.8 % of students who responded agree and 18.9% strongly agree with the statement that they are more actively involved in courses that use technology\*\*
- 43.1% of of students who responded agree and 50,2% strongly agree with the statement that technology makes the students feel connected to professors\*\*
- 41.5% of of responded students agree and 37,3% strongly agree with the statement that technology helps them achieve academic outcomes\*\*

\*Provided by the Center for Study Technologies and Communications

\*\*Provided by the Centre of Institutional Monitoring

# The university objectives

- Improve the technological skills of our teaching staff for online course creation
- Enhance the amount of online learning including MOOCs, SPOCs, blended and web-facilitated models.
  - Increase the inclusion of MOOCs in the entire education process; even as a part of traditional courses.
  - Create SPOCs mostly oriented for students within our University.

# What are the main advantages of using MOOCs within university?

- The potential to offer a much broader range of courses
- The reduction of time that teaching staff must spend on routine exercises



# MOOCs issues

- How can institutions adopt and use MOOCs to benefit their students?
- How will the University check the student's outcomes from the massive open online course?
- How we can count the amount of working hours and how we can transfer them between different formats?
- What we can do with a lack of individual support within MOOC?

**SPOC** (small private online course) is a course which is used locally with on-campus students.

# The benefits of SPOC

- Decrease of routine work
- Individual work with instructor
- Opportunity for students to manage their study time

# SPOCs issues

- How do different types of students respond to the flipped classroom approach?
- How do students perceive their learning in this format compared to their other online and in-class courses?
- How we can count the working hours of students and faculty members and adapt them for curriculum?



**How to Build a Custom MOOC**

- Introduction
  - Introduction Video
  - Introductory Survey
- Module 1: What is a MOOC?**
  - Lesson 1: What is a MOOC?
  - Lesson 2: The History of MOOCs
  - Lesson 3: The Economics of M...
  - Lesson 4: MOOC Building Blocks
  - Quiz: What is a MOOC? Quiz
- Module 2: How Can I Use a ...
  - Lesson 1: MOOC Use Cases
  - Lesson 2: How MOOCs are diffe...
  - Lesson 3: MOOC Types & Platfo...
- Module 3: How to Build a M...
  - Lesson 1: The ADDIE Model
  - Lesson 2: Analyze
  - Lesson 3: Design
  - Lesson 4: Develop
  - Lesson 5: Implement
  - Lesson 6: Evaluate
- Outro



Article Assignments:

How MOOCs Can be Free and Profitable - EdTech Magazine - December 2013:  
<http://www.edtechmagazine.com/higher/article/2013/12/how-moocs-can-be-free-and-profitable-same-time>

What Do We Know About MOOC Students So Far? - MOOC News & Reviews - November 2013:  
<http://mooconewsandreviews.com/what-do-we-know-about-mooc-students-so-far/>

Will MOOCs Kill University Degrees? - The Economist - October 2013:  
<http://www.economist.com/blogs/economist-explains/2013/10/economist-explains>

Lesson 4: MOOC Building Blocks

Quiz: What is a MOOC? Quiz

Module 1 Quiz: What is a MOOC?

Quiz subtitle (e.g. English time phraseology)

What does MOOC stand for?

- Massive Open Online Course
- Methodical Online Only Course
- Meta-Online Open Course
- Mixed Open Online Collective

# What platform?

curricu.e | Curricu.e: MOOC101 How to Build a Custom MOOC | John

Courseware | Course Info | Discussion | Wiki | Progress | Instructor

Introduction

Module 1: What is a MOOC?

Lesson 1: What is a MOOC?

Lesson 2: The History of MOOCs

Lesson 3: The Economics of MOOCs

Lesson 4: MOOC Building Blocks

Module 1 Quiz

Module 1 Bonus Material

Module 2: How Can I Use a MOOC?

Module 3: How to Build a Custom MOOC

MULTIPLE CHOICE (1/1 points)

What does MOOC stand for??

- Massive Open Online Course
- Methodical Online Only Course
- Meta-Online Open Course
- Meta-Online Open Course

Check

MULTIPLE CHOICE (1/1 points)

Which of the following was not an example of a MOOC? (From the video "What is a MOOC?")

- Fundamentals of Neuroscience, Part 1
- Introduction to Philosophy
- How to Drive Exotic Cars for Fun and Profit
- The OpenDR Development
- Real Estate Digest Web Book Reviews

Discover | Search | udey | Create a Course | My Courses | John

How to Build a Custom MOOC | John | Write a Review

Lecture 1: Introduction | 02:47 minutes remaining | Continue with this lecture

You completed 2 out of 16 lectures

Section 1 - Introduction

- Lecture 1: Introduction (02:47)
- Lecture 2: Survey (Text)

Section 2 - Module 1: What is a MOOC?

- Lecture 3: What is a MOOC? (04:20)
- Lecture 4: The History of MOOCs (09:03)
- Lecture 5: The Economics of MOOCs (04:22)
- Lecture 6: MOOC Building Blocks (15:16)
- Quiz 1: Module 1 Quiz: What is a MOOC? (8 questions)
- Lecture 7: Bonus Material (8 pages)

Section 3 - How Can I Use a MOOC?

Discussions | Announcements | students

Start a new discussion

There are no more discussions to show at this time.

curricu.e | Custom MOOC | JohnSwope.com | Curricu.e | My Courses

John | Social Networks | You are logged in as John Student (Log out)

HOME / MY COURSES / MISCELLANEOUS / MOOC101

Class Forum

Introduction

Welcome! This course is about MOOCs (Massive Open Online Courses). It starts with the basics of what a MOOC is and how they are used, and then explains how you can build a custom MOOC yourself.

Introduction Video

Introductory Survey

Module 1: What is a MOOC?

In Module 1, we talk about what a MOOC is, give some examples of how they are being used, and discuss their history and how they make money.

- Lesson 1: What is a MOOC?
- Lesson 2: The History of MOOCs
- Lesson 3: The Economics of MOOCs
  - How MOOCs can be Free and Profitable at the Same Time (EdTech Magazine)
  - What Do We Know About MOOC Students So Far?
  - Will MOOCs Kill the University Degree? (Economist)
- Lesson 4: MOOC Building Blocks
- Module 1 Quiz

Module 2: How can I use a MOOC?

NAVIGATION

- Home
- My home
- Site pages
- My profile
- Current course
  - MOOC101
    - Participants
    - Badges
    - General
    - Introduction
    - Module 1: What is a MOOC?
    - Module 2: How can I use a MOOC?
    - Module 3: How do I Build a MOOC?
    - My courses

ADMINISTRATION

- Course administration
  - Unenrol me from MOOC101
  - Grades
- My profile settings

SEARCH FORUMS

Go

LATEST NEWS

(No news has been posted yet)

UPCOMING EVENTS

There are no upcoming events

Go to calendar...

New event...

RECENT ACTIVITY

Activity since Saturday, 15 February 2014, 2:00 PM

Full report of recent activity...

Nothing new since your last login

# University decisions

- Platform for MOOCs and SPOCs
- Every faculty will create up to three MOOC-projects by the end of 2014
- “White list of MOOCs” for faculty

Questions?