

# The Reform of Curriculum at the Department for Geodesy and Geoinformatics of Belgrade University

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## What is University

- University is traditional institution which originates from the Church
- University was not made for the current world
- There are two interested groups on university: teachers and students

Do we have the same goals



Teachers



Students

## Where is the Science

- For a long time science does not exist on University.
- The biggest part of scientific work is out of university in civil industry, military, non government, business and other institutions ( FAO ...)

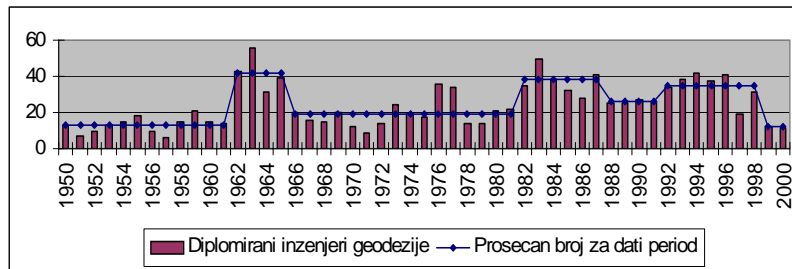
## Values of New University

- A democratic attitude
- Critical thinking
- Academic integrity
- Ethnic and social diversity
- Proactive action against discrimination
- Strong humanism
- A creative academic environment

## Structure of old studies at Geodesy Department

	<b>Duration</b>	<b>Title-Serbian</b>	<b>Title-English</b>
<b>Basic studies</b>	5	Dipl.ing.geod	BSc.
<b>Master Science studies</b>	2	Magistar geod.	MSc.
<b>Science doctor studies</b>	2-3	Dr.ing.geod.	Ph.D.

## Number of Geodesy graduated engineers in Serbia from 1950 to 2000.



## The Profile of Future Education of Geodetic Experts

- Geodetic engineer with technical knowledge
- Geodetic engineer with land management skills
- Geodetic engineer with the knowledge of economy-finance

**Engineering + Law + Economics**

## Structure of new studies at Geodesy Department

First generation of students started their learning process  
since October last year (2005).

	<b>Duration</b>	<b>Title-Serbian</b>	<b>Title-English</b>
<b>Basic studies</b>	3	<b>Ing.geod</b>	<b>BSc.</b>
<b>Master Science studies</b>	2	<b>Magistar geod.</b>	<b>MSc.</b>
<b>Science doctor studies</b>	2	<b>Dr.ing.geod.</b>	<b>Ph.D.</b>

## Current labour market in Serbia

- **Very prosperous labour market**
- **Increased employment in private companies (real estate management companies and others)**
- **Difficulties for employers outside main urban regions**
- **New challenges for the RGZ (Governmental Geodetic Authority)**

**Transformation of cadastre maps in digital form**

**Real estate cadastre (Unique registry) development**

**Privatisation and corporisation of public departments**

## The future (10-15 years)

- **Increased retirement of public servants in land administration**
- **RGZ needs a yearly input of 40- MSc in Surveying and Land Management**
- **Increased employment in municipalities (GIS, Data base, land administration)**
- **Land Consolidation avalanche**
- **Continued emphasis on the private market**