



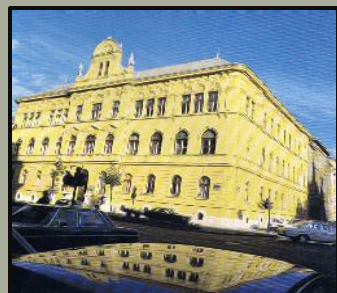
## *University of Zagreb, Faculty of Forestry*





## History of Higher Education – University of Zagreb

University / Faculty	Year
I. NEO-ACADEMIA ZAGRABIENSIS	1669
II. REGIA SCIENTIARUM ACADEMIA	1776
1. Facultas theologica 2. Facultas philosophica 3. Facultas juridica	
<b>IV. UNIVERSITY OF ZAGREB</b>	<b>1874</b>
1. Faculty of Law	1874
2. Faculty of Philosophy	1874
3. Faculty of Theology	1874 - 1952
<b>4. Academy of Forestry at The Faculty of Philosophy</b>	<b>1898 - 1919</b>
5. Faculty of Medicine	1917
6. Faculty of Veterinary medicine	1919
7. Tehnical Faculty	1919 - 1956
<b>8. Agricultural-Forestry Faculty</b>	<b>1919 - 1960</b>

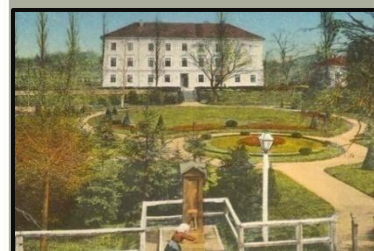
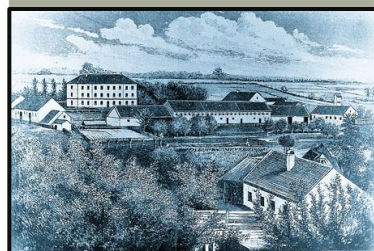






## History of Forestry Higher Education in Croatia

- 1860 - High School of Agriculture and Forestry was established in Križevci, later named the Royal School of Agriculture and Forestry.
- The Forest Act of 1894 - organization of the forest management service, all jobs above the 10th class of civil servants required academic education or university degree
- The Academy of Forestry was established on October 20, 1898 (as a part of Faculty of Philosophy)
- With this Academy, forestry education in Croatia gained university status and it was the fourth high school of the University of Zagreb.





## History of Forestry Higher Education in Croatia

- On August 31 1919 - establishment of the Faculty of Agriculture and Forestry of the University of Zagreb.
- The Faculty of Agriculture and Forestry consisted of two departments: Agriculture and Forestry.
- On January 1 1960, Forestry Departments became independent faculty.
- The Faculty of Forestry of the University of Zagreb consists from 1960 till now of the Forestry Department and Wood Technology Department.







## Forestry Faculty University of Zagreb



**123 – Teaching staff**



**90 - Non-teaching staff**



**1082 - students**



**The management system University of Zagreb Faculty of Forestry has been assessed and certified as meeting the requirements of EN ISO 9001:2008**





## Organizational Units of Forestry Department



### Institute of Ecology and Silviculture

- Ecology and Pedology Laboratory
- Laboratory for Forest Seeding and Nursery



### Institute of Forest Management and Remote Sensing

- Laboratory for Measuring Forest Resources
- Laboratory for Remote Research and GIS



### Institute of Forestry Genetics, Dendrology and Botanic

- Laboratory for Molecular Biology and Physiology of Plants







## Organizational Units of Forestry Department



### Institute of Forest Engineering

- Laboratory for Technical and Technology Measurements in Forestry
- Laboratory for Forest Biomass



### Institute of Forest Protection and Wildlife Management

- Laboratory for Tree Pathology
- Laboratory for Forestry Zoology





## Organizational Units of Wood Technology Department



### Institute of Wood Science

Laboratory for wood anatomy and wood protection  
Laboratory for physical and mechanical properties of wood



### Institute of Materials Technology

Laboratory for wood panels



### Institute of Production Organization

Laboratory for industrial systems







## Organizational Units of Wood Technology Department



**Institute of Processes Engineering**  
Laboratory for measuring noise and vibration



**Institute of Furniture and Wood Products**  
Laboratory for Wood in Construction  
Laboratory for Furniture and Furniture Parts Testing





## Organizational Units of Forestry Department

### Institute of Training and Research Forest Centers



- NPŠO Lipovljani
- NPŠO Velika
- NPŠO Zalesina
- NPŠO Rab
- NPŠO Zagreb
- State Hunting Ground Opeke II/39
- State Hunting Ground Kalifront VIII/6





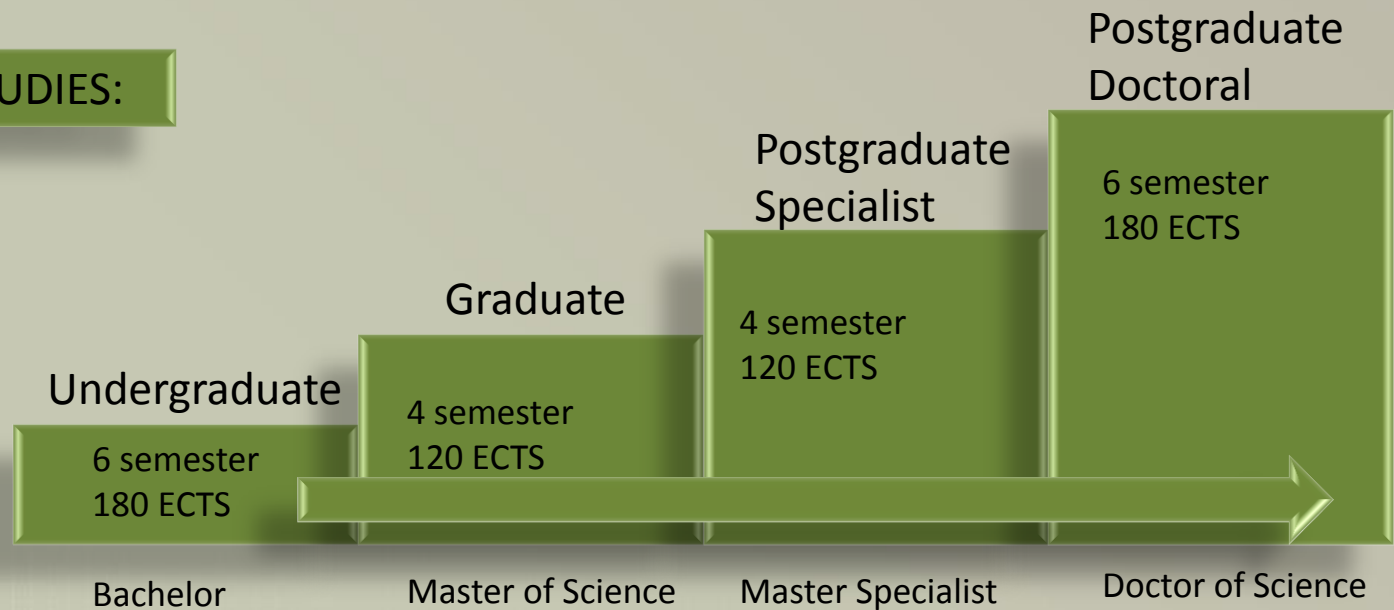




## Higher educational system at the Faculty of Forestry, University of Zagreb

In the academic year 2006/07 the new teaching plans and programs were created in accordance with the Bologna Declaration.

### STUDIES:







## Forestry Department



Undergraduate study

Forestry

Urban Forestry,  
Nature  
Conservation and  
Environmental  
Protection





## Forestry Department

Graduate study

Forestry

Urban Forestry,  
Nature  
Conservation and  
Environmental  
Protection

*Silviculture and  
Management  
Planning with  
Wildlife  
Management*

*Techniques,  
Technologies and  
Management in  
Forestry*







## Wood Technology Department

Undergraduate study  
Wood Technology

*Graduate study  
Wood Technology  
Processes*

*Graduate study  
Design of Wood  
Products*





## Postgraduate Doctoral Studies

- Wood Technology study
- Forestry study (3 programmes)

*Silviculture and Wildlife Management*

*Techniques, Technologies and Management in Forestry*

*Urban Forestry, Nature Protection, Forest Management and Protection*







## Specialist Studies

Specialist studies are intended for further training of operative experts. The purposefulness of postgraduate specialist study is reflected in the needs of Croatian forestry for such an educational profile, and particularly for their work in production and developmental services of forestry companies and affiliated activities, as well as in the increasingly developing private sector





## Specialist Studies

10 specialist study programmes, of which

8 are from the field of forestry

2 from the field of wood technology.

**New joint specialist study – in establishment process**

### Technology of biomass production for energy

- Forestry Faculty, Faculty of Agronomy, Faculty of Food Technology and Biotechnology







## Scientific activities

**National projects** – financed by Ministry of science, education and sport

**Research projects** financed by „Croatian Forests” Ltd.

## International scientific projects

2 FP7 projects – partners

12 COST Actions (7 still running)

7 different projects in application procedure (FP7 ITN Marie Curie, IPA, IEE)

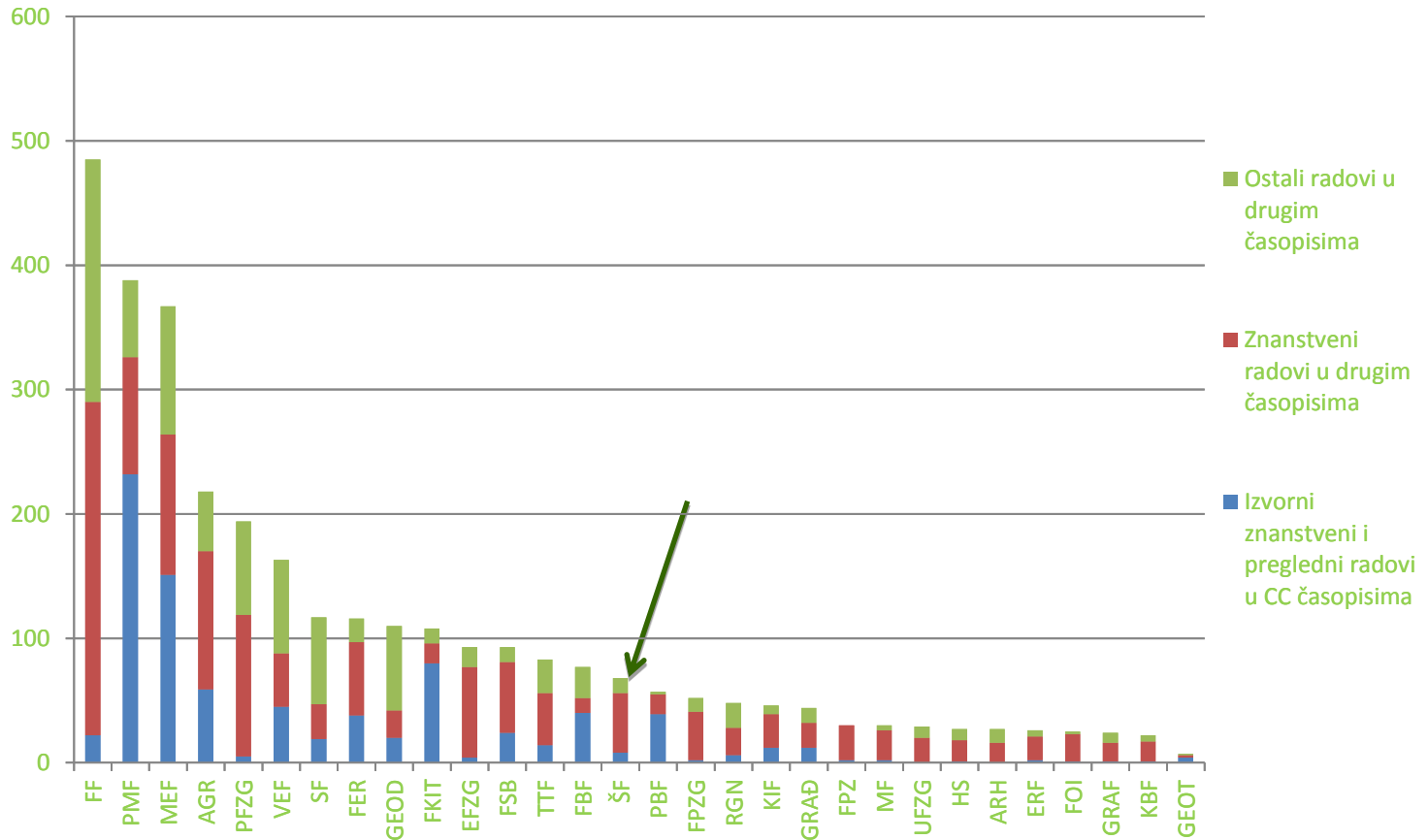
**Other research projects** – Croatian Institute of Technology



# Research productivity - University of Zagreb



Biotechnical field | December 16th 2009.

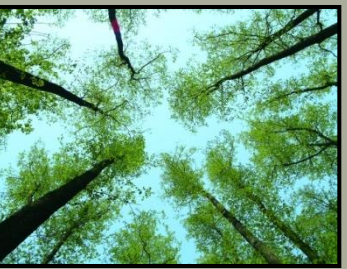
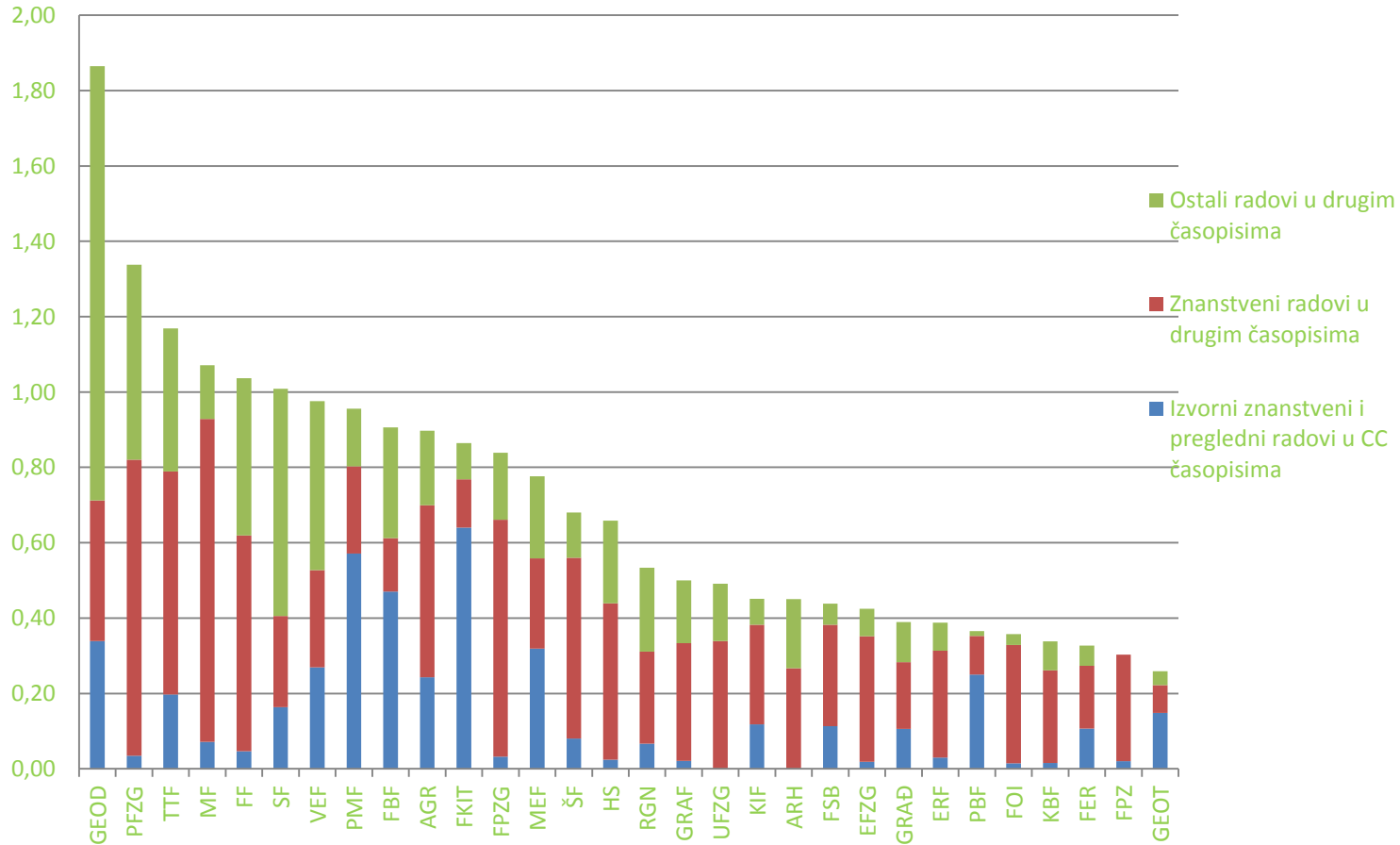




# Ratio: number of papers:number of employees University of Zagreb



## Biotechnical field





## Publishing activities

- Croatian Journal of Forest Engineering
- Drvna industrija
- Glasnik za šumske pokuse
- Nova mehanizacija šumarstva

