

# About CS / Informatics curricula and teacher education in NordNICE countries: Latvian case

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Informatics curriculum is mandatory both in primary and secondary schools.

In primary school: one hour a week in 5th, 6th, and 7th grade.

In secondary school: 105 hours.

Content of both curriculas – ECDL .

# Curricula (2)

In secondary school:

Fundamentals of computer programming (elective course)

105 hours

Content: algorithms and elementary programming.

Implemented in ~ 20-30 secondary schools

# Standards

- Primary school Informatics content Annex 7.  
<http://likumi.lv/doc.php?id=268342>
- Secondary school Informatics content Annex 5 and  
Programming Fundamentals - Annex 6.  
<http://likumi.lv/doc.php?id=257229>

# Primary and secondary schools

Comprehensive schools (general education)

796

Secondary schools

354

Teachers

28 545



# Pupils (2)

## Dynamics

1999/2000 - 347 052

2014/2015 - 199 119

# Challenges

Small numbers of

- schools,
- pupils,
- teaching hours,
- finances.

**Need to regularly refresh teachers' specific skills.**

# Education of teachers

In three universities 2014/2015

Daugavpils: no bachelor studies

Master studies :

1st year - 5, in total - 17, graduates - 6

Liepāja:

Bachelor studies: 1st year - 9, in total - 9, graduates - 0

Master studies: 1st year - 3, in total - 4, graduates - 1.



# Education of teachers (2)

## University of Latvia

Bachelor studies: 1st year - 18, in total - 47,  
graduates - 9.

# The end

**Paldies!**

**Ačiū!**

**Thank you !**