Study process

Faculty of Computer Science and Information Technology

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RTU
DATORZINĀTNES UN INFORMĀCIJAS TEHNOLOĢIJAS FAKULTĀTE

Study programs - 1

- 9 programs by title

- 21 program by study level:
  - College-level – 1
  - Academic bachelor – 4
  - Professional bachelor – 3
  - Academic master – 7
  - Professional master – 3
  - Doctoral studies - 3

Study programs - 2

- College programs prepare students to enter a profession. It is the first cycle professional higher education and they award **a professional qualification**
- Academic study programs are based upon fundamental and/or applied science; they usually comprise **a thesis** at the end of each stage and lead to **a bachelor's degree or master's degree**.
- Professional study programs award **a professional qualification** and **a professional bachelor's or master's degree**. They are based on professional standards and include a **practice** as an obligatory part.

Study programs - 3

Study direction: Information technology, computer engineering, electronics, telecommunications, computer management and computer science

- Automation and Computer Engineering (B_A, M_A, M_P, D)
- Business Informatics (M_A)
- Computer Systems (C, B_A, B_P, M_A, M_P, D)
- Finance Management Information Systems (B_P)
- Information Technology (B_A, M_A, M_P, D)
- Intelligent Robotic Systems (B_A, M_A)
- Logistics and Supply Chain Management (M_A)

Study direction: Physics, material science, mathematics, and statistics

- Financial Engineering (B_P)
- Financial Engineering Mathematics (M_A)

C – college-level
B_A – academic bachelor
B_P – professional bachelor
M_A – academic master
M_P – professional master
D – doctoral studies

Study programs - 4

- Automation and Computer Engineering (B_A, M_A, M_P, D)
- Business Informatics (M_A)
- Computer Systems (C, B_A, B_P, M_A, M_P, D)
- Financial Engineering (B_P)
- Financial Engineering Mathematics (M_A)
- Finance Management Information Systems (B_P)
- Information Technology (B_A, M_A, M_P, D)
- Intelligent Robotic Systems (B_A, M_A)
- Logistics and Supply Chain Management (M_A)

Only in English

Both in English and Latvian

Study programs - 5

- “Young” programs have a tendency to be developed in cooperation with other universities:

  - Business Informatics (launched in 2010) - in cooperation with the University of Buffalo (USA) and International Business Machines Corporation (IBM)

  - Logistics and Supply Chain Management (launched in 2013) – in cooperation with Universitat Autònoma de Barcelona (Spain), Montanuniversität Leoben (Austria), and University of Applied Science of Wilday (Germany)

  - Finance Management Information Systems (launched in 2018) – in cooperation with BA School of Business and Finance (Latvia)

Study programs - 6

Tuition fee (EUR)

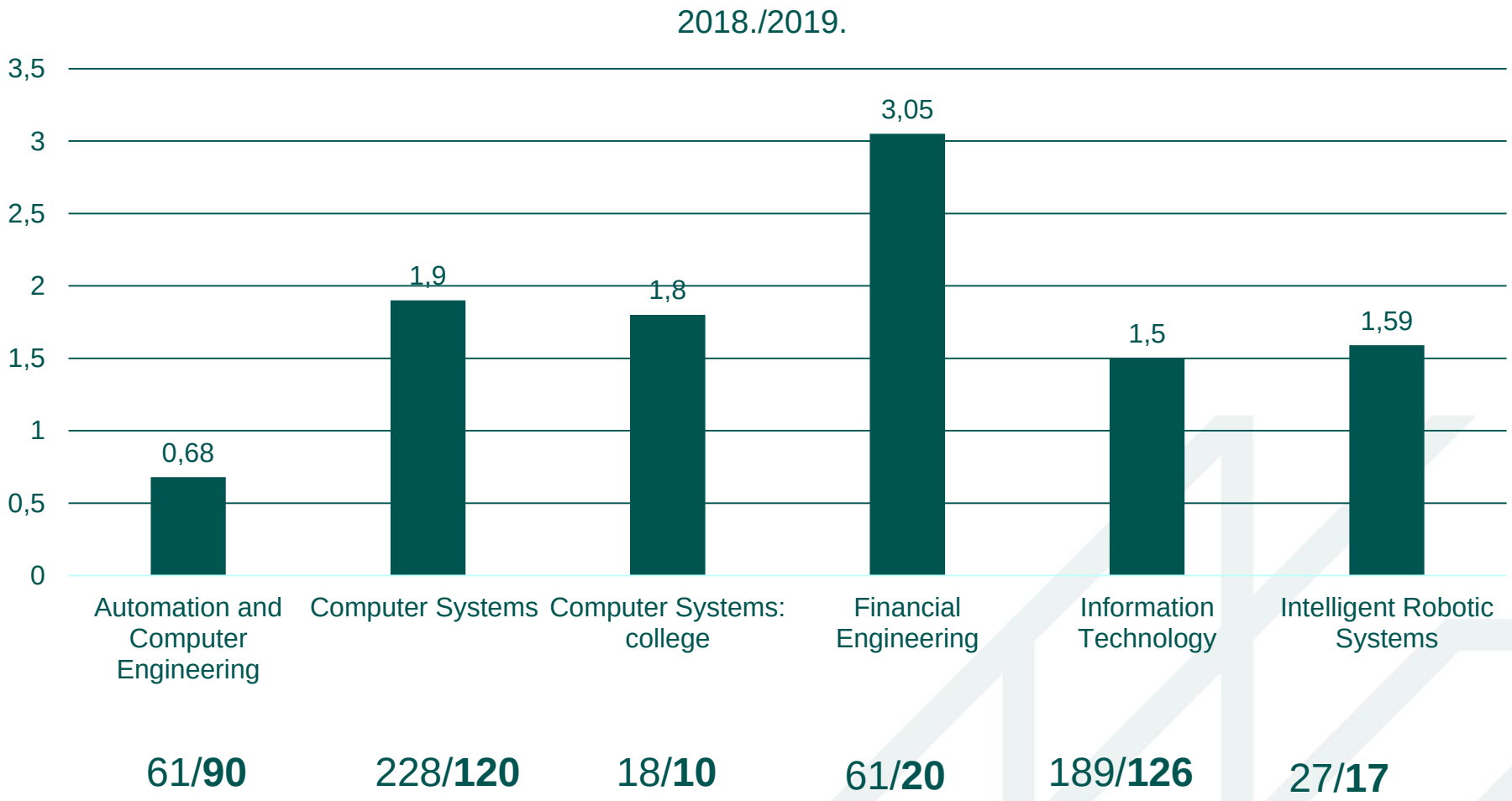
	C	B_A	B_P	M_A	M_P	D
Automation and Computer Engineering		1350		1950	1950	2125
Business Informatics				1250		
Computer Systems	1200	1200	1200	1750	1750	1900
Financial Engineering			1200			
Financial Engineering Mathematics				1750		
Finance Management Information Systems			1400			
Information Technology		1200		1750	1750	1900
Intelligent Robotic Systems		1200		1750		
Logistics and Supply Chain Management				1750		

No budget places

Study programs - 7

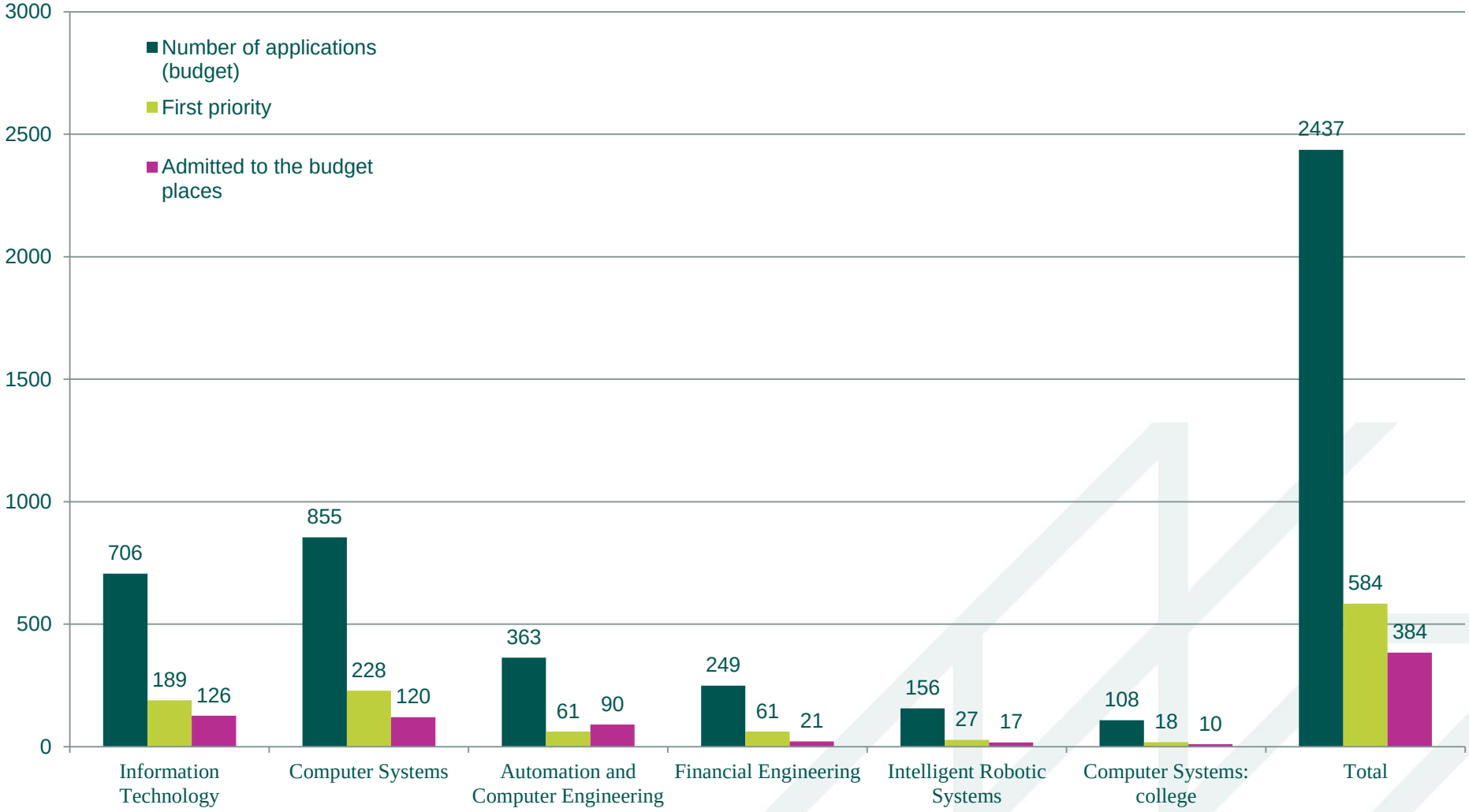
- The program «Computer Systems» is the most advised study programme by Latvian employers for many years
- It also has Euro-Inf (European Accreditation of Informatics Programmes, 2011-2016), QUESTE-SI (2013) and QUESTE (The Quality System of European Scientific and Technical Education, 2009-2011) accreditation

Number of applications per a budget place



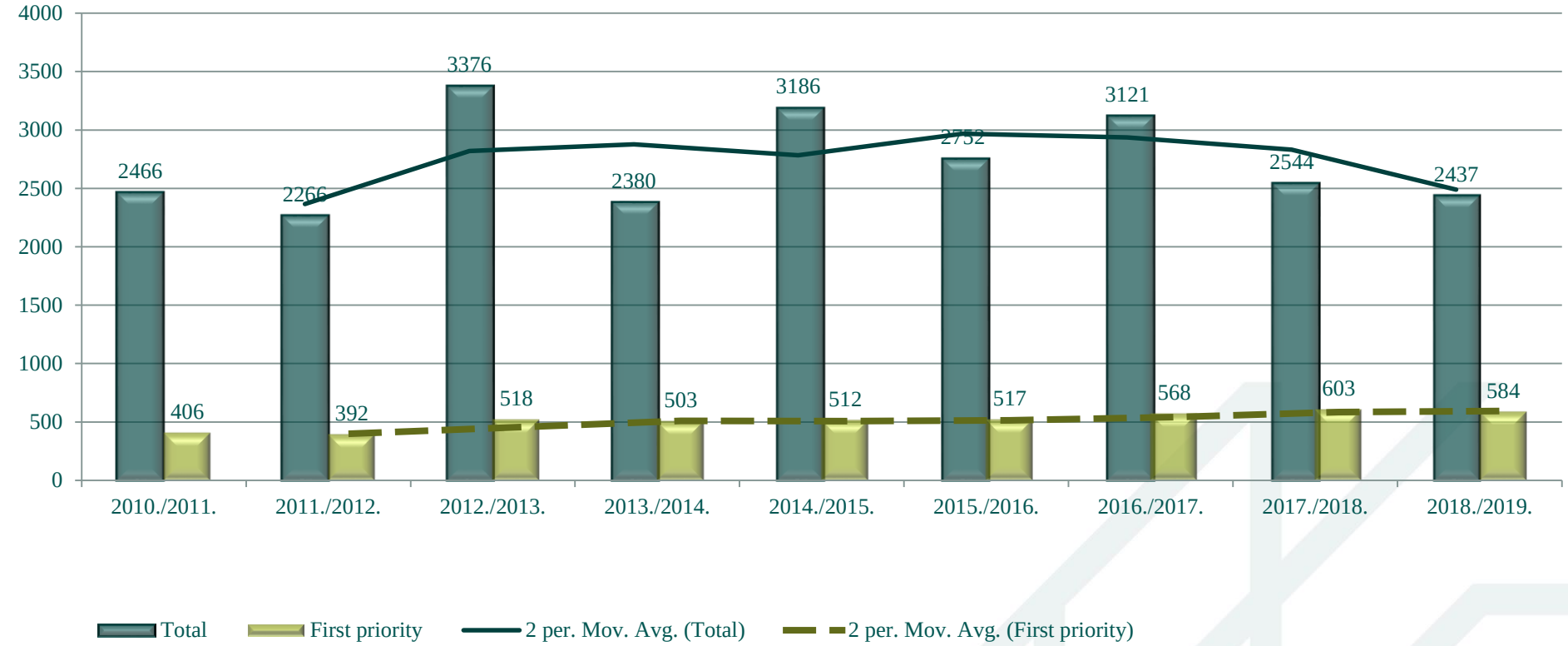
(https://www.latvija.lv/Epakalpojumi/EP190)

Number of applications and students admitted to the budget places

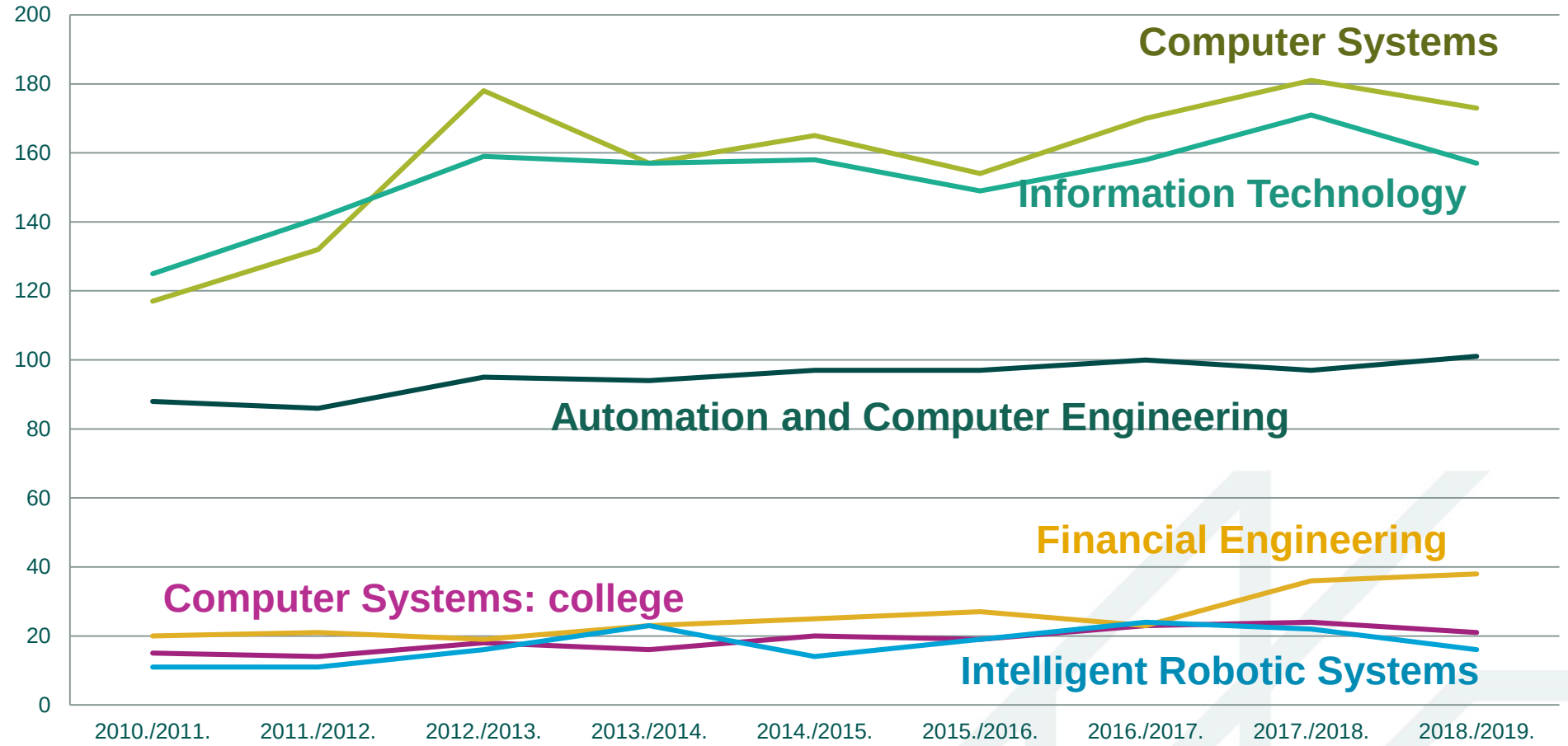


(https://www.latvija.lv/Epakalpojumi/EP190)

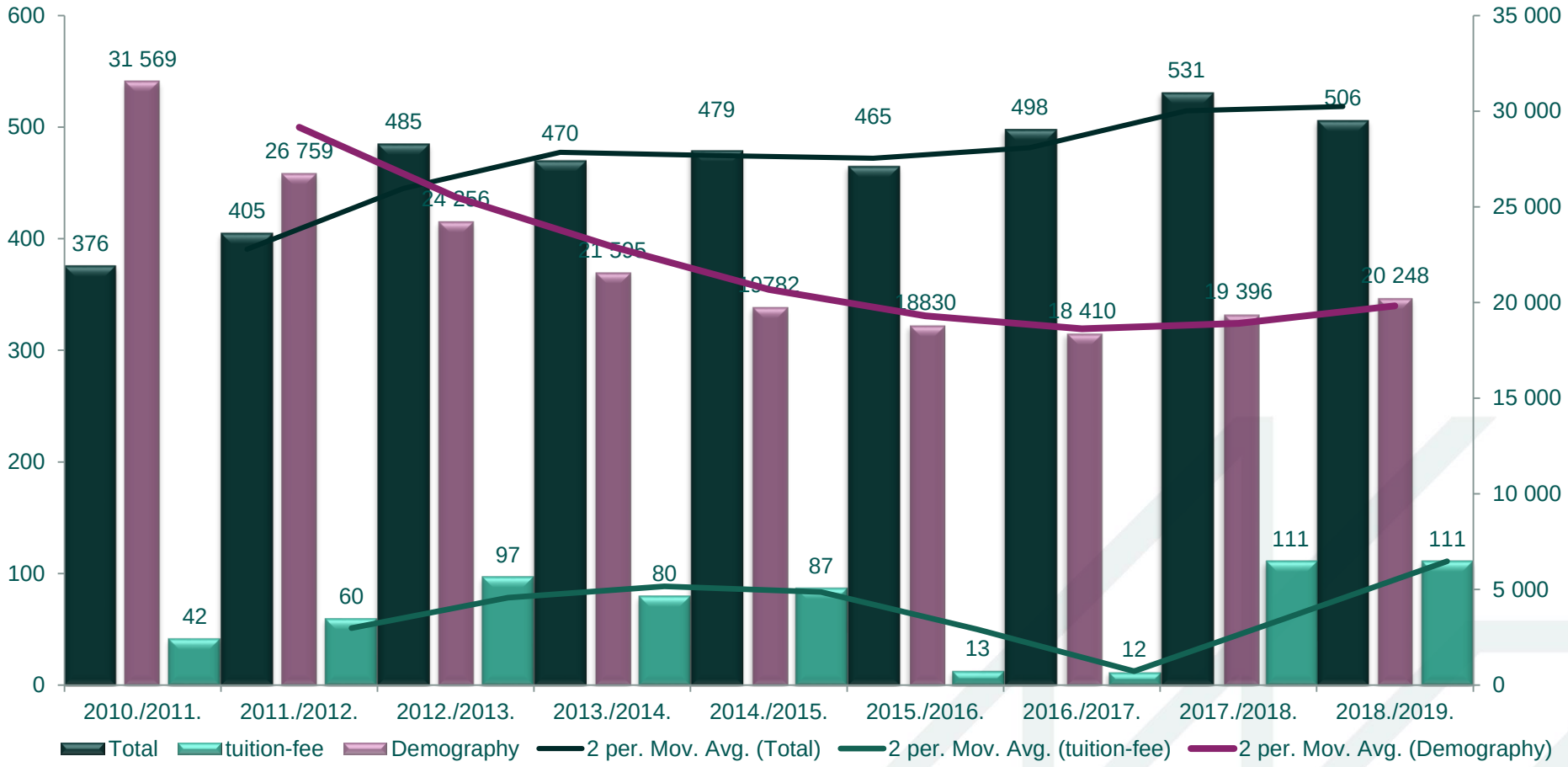
Comparison to previous years



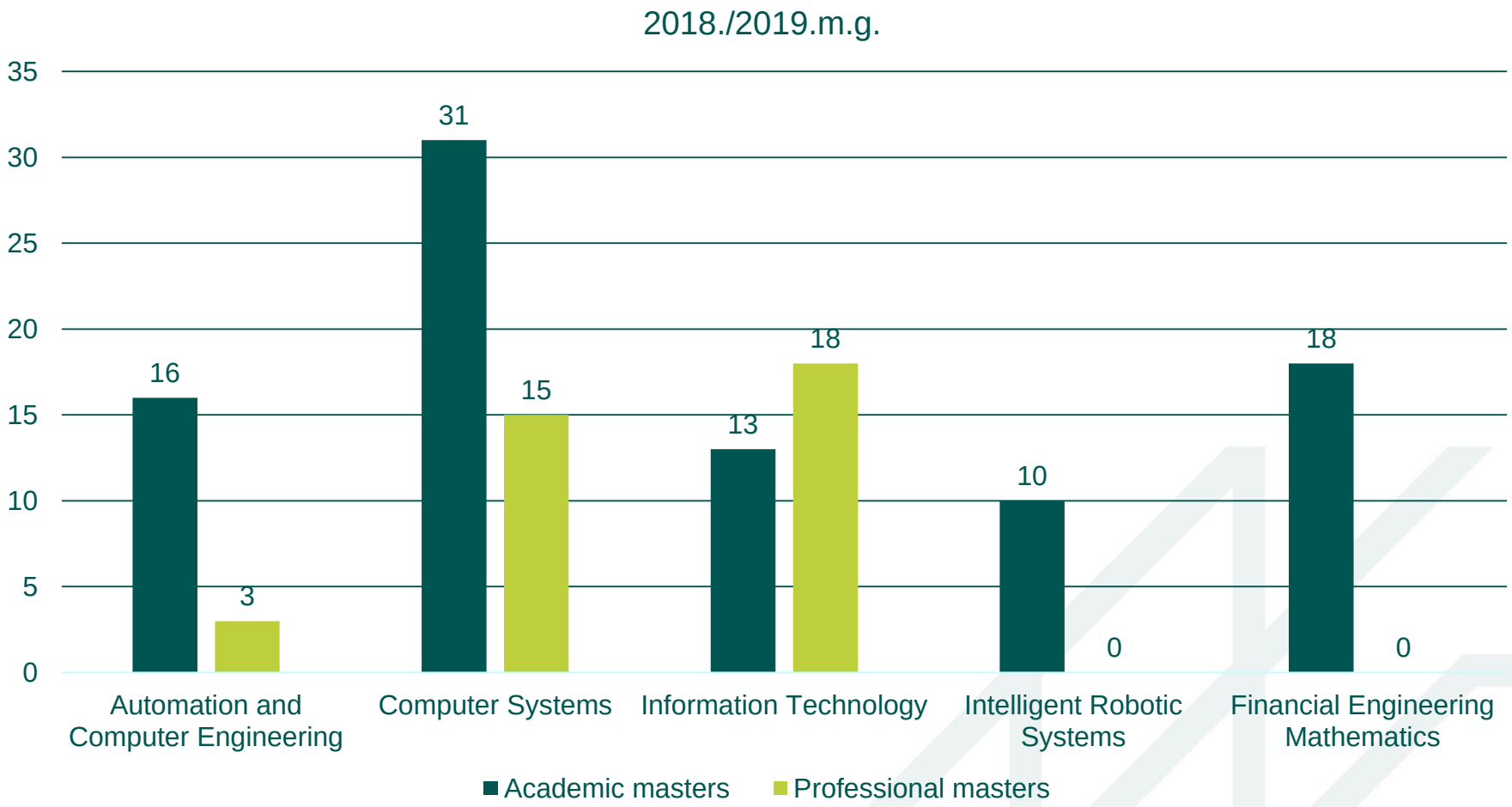
Students admitted



Students admitted

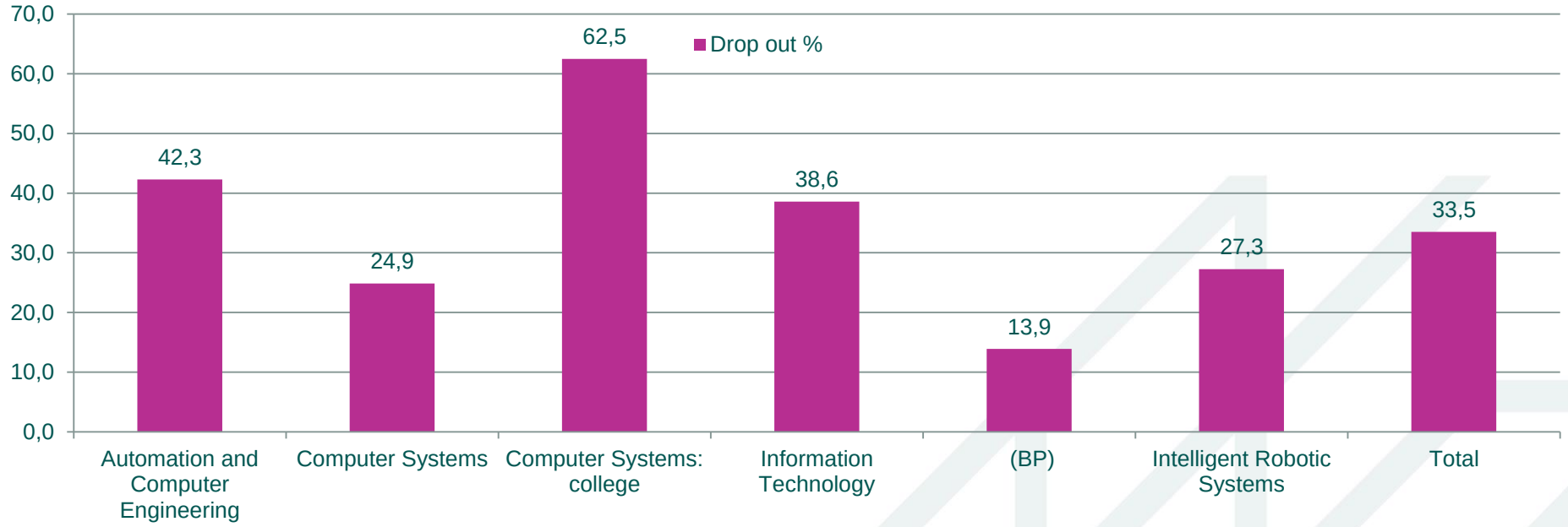


Master students (budget places)

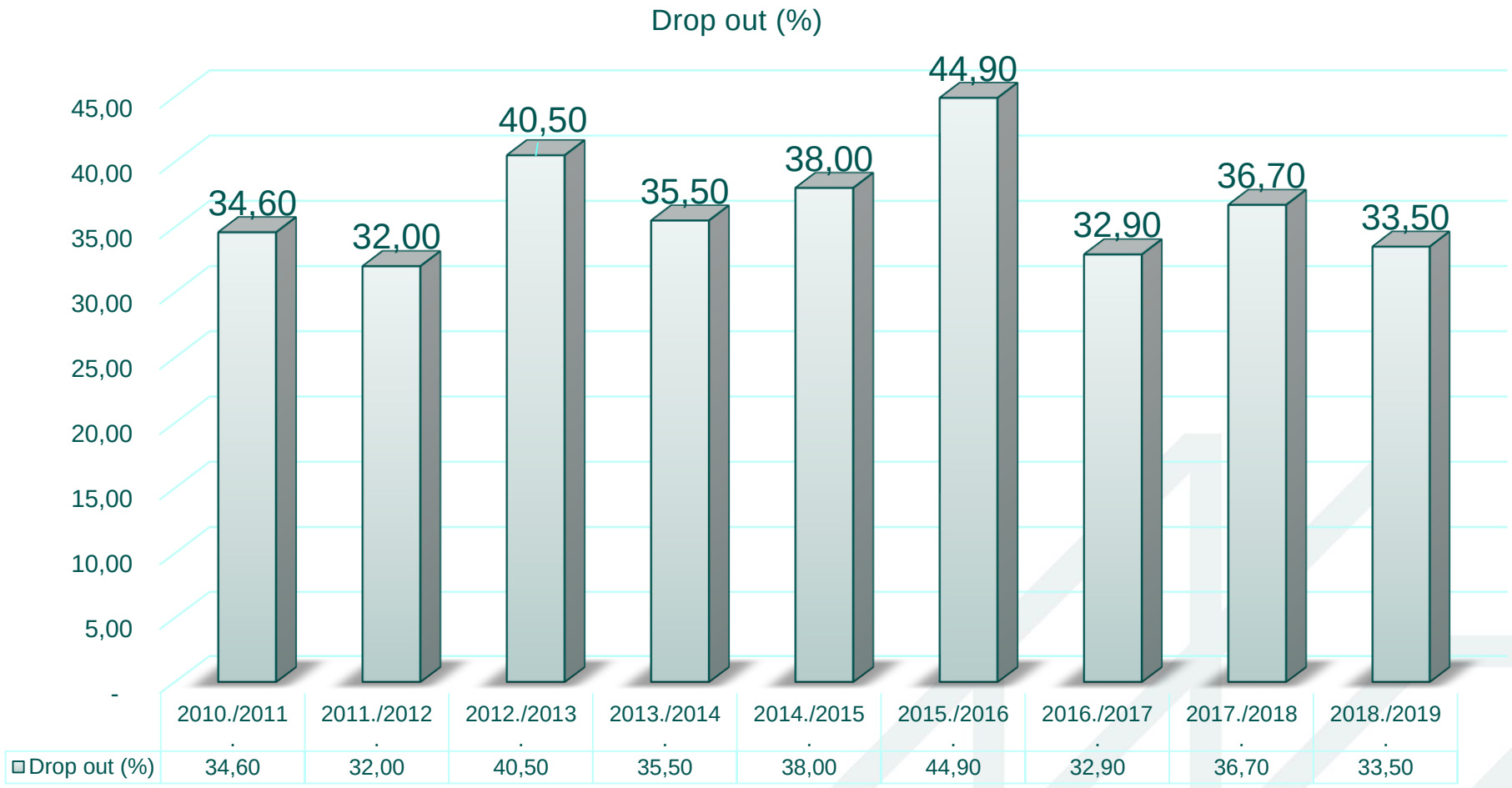


Drop out

Comparing 2018./2019. and 2017./2018. (2nd year/1st year)



Drop out


Drop out (%)
45,00
40,00
35,00
30,00
25,00
20,00
15,00
10,00
5,00
-
34,60
32,00
40,50
35,50
38,00
44,90
32,90
36,70
33,50
2010./2011.
2011./2012.
2012./2013.
2013./2014.
2014./2015.
2015./2016.
2016./2017.
2017./2018.
2018./2019.
Drop out (%)
34,60
32,00
40,50
35,50
38,00
44,90
32,90
36,70
33,50

Thank you very much for your attention