16. LV: Latvia

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16.1 General information

LV: Latvia	General information [REF 1], [REF 17]
	''In **Latvia**, Bologna process did not initiate reforms in higher education but rather shaped and directed them into the direction of higher education reforms in Europe on the way towards European Higher Education Area graduate Master degrees (of 60 to 120 credits) were made as a purely academic degree. The amendments to the Latvian Higher Education Law of 2000 introduce professional Master degrees. Both universities and academies on the one hand, and professional higher education institutions on the other may offer Master degrees.
	The law foresees that, programmes leading to a bachelor or master degree are, where possible, at the same time oriented towards a profession and meet its standard. Where it is not possible, programmes should ensure a sufficient level of transferable pedagogical modules so that even at bachelor level holders can successfully find their needs for professional orientation. The total duration of studies should not be less than 5 years (300 ECTS or 200 Latvian credits). ''
	Specific view provided by Theiere partner
	…In the Riga Technical University, largest HE institution providing engineering education in Latvia, 3 year (180 ECTS) Bachelor studies were introduced in the early 90s. It was treated as an intermediate qualification before choosing between professional programmes (1-2 years, 60-120 ECTS) and Master studies (3 years, 180 ECTS). This was a 3-6-9 system. There were also introduced 4 year study programmes leading to Engineer qualifications (without a Bachelor degree), but not allowing continuation in Master studies as a Bachelor is required.
	In December 2000 the Law on Higher educational establishments was amended in the spirit of the Bologna declaration. According to these amendments the Law provides for the award of a professional bachelor degree (if the total duration of the programme is no less than 4 years, 160 Latvian credits, 240 ECTS) and a professional master degree (if the total duration of the programme is no less than 5 years (= 200 Latvian credit points or 300 ECTS credits). Thus, in the long run the reforms will lead to a symmetric degree and qualification system shown in the Diagram of Latvia Higher Education System (see second part of the monograph, the part dedicated to Latvia).
	From September 1, 2002 Master degree programmes could not be longer than 2 years; it means mainly 3-5-8, but allowing other schemas too, as 4-6-9, 4-5-8…

28
27
26
25
24

24
23
22

24
23
22
21
20
19
18

Postgraduate education (Doctor's degree)

Professional higher edu 1-2 years

Academic higher education (Master's degree) 2 years

Professional higher education (Master's degree) 1-2 years

Academic higher education (Bachelor's degree) 3-4 years

Professional higher education (Bachelor's degree) 4 years

College education 2-3 years

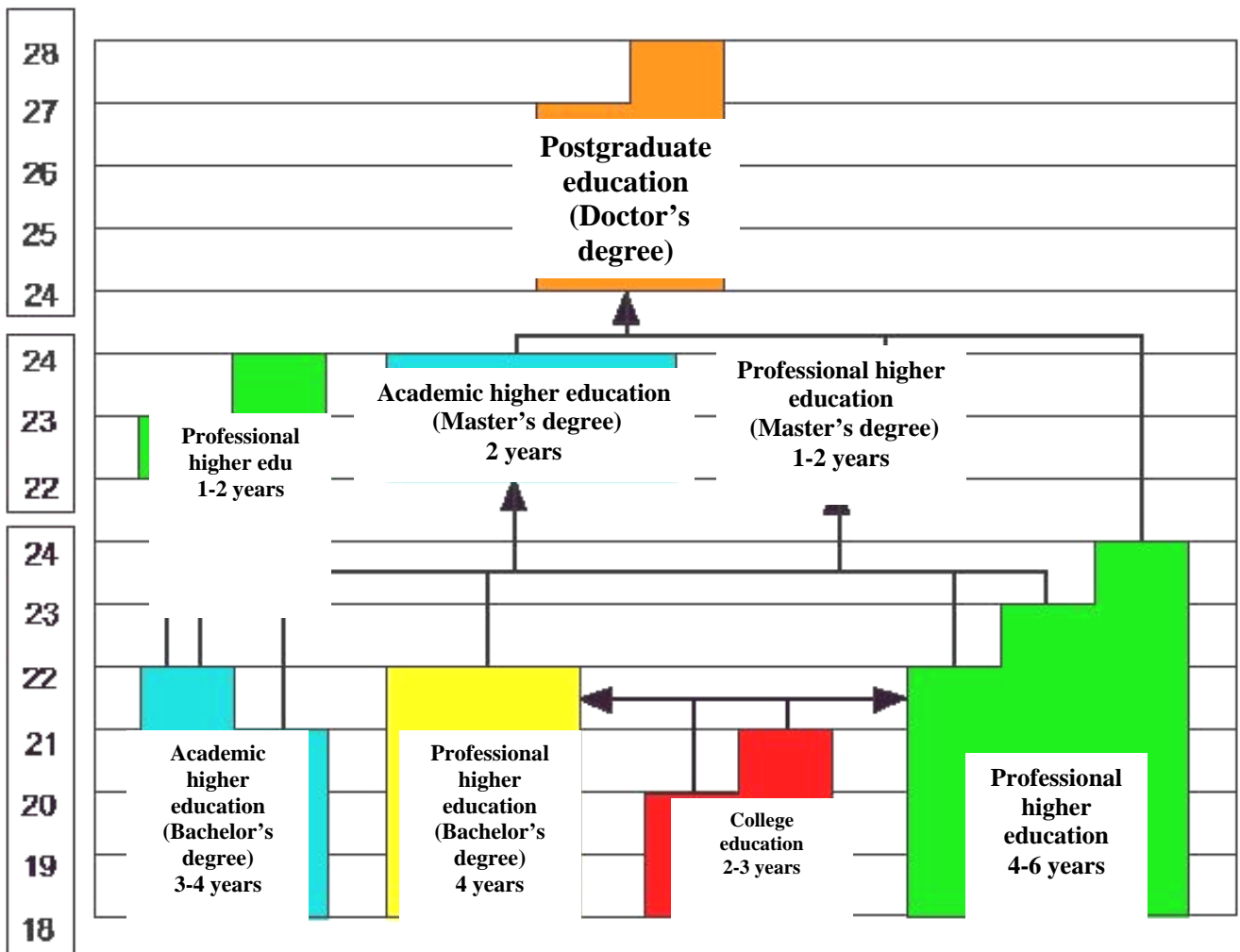**Professional higher education 4-6 years**

Figure 16.1: Latvian Higher Education System in EIE disciplines.

The Law on Education Establishments (1995) sets a difference between academic and professional higher education. In some cases these are merged in one programme issuing academic degrees and professional qualifications at the graduation. The duration of Bachelor programmes may be 3 or 4 years at different institutions. The 4-year *Bakalaurs*[10] (bachelor) degree is seen as a complete academic qualification, while a 3-year *Bakalaurs* degree is rather an intermediate qualification before choosing between professional programmes or Master studies.

Magistrs degree is awarded after the second stage of academic education and requires a total duration of university studies of 5-6 years.

According to recent changes in regulations, the Master of Science studies may not be longer than 2 years (previously 3 year programmes were possible) and there must also be 3 year college programmes (previously just 2 years). Besides academic Bachelor and Master degrees since the end of 2001 Professional Bachelor and Master degrees have been introduced. A gradual transformation process to a new system is now on the way.

Curricula of academic study and professional study programmes must contain some stated minimum of studies in Science, General Engineering, Humanities etc. There are also standards for Bachelor programmes in EIE regulating minimum amount of studies in the field of speciality subject areas, e.g. Analogue Electronics, Digital Electronics etc.

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[10] *"Bakalaurs"* in Latvian means Bachelor and *"Maģistrs"* in Latvian means Master.

16.1.1 Electrical and Information Engineering in Latvia, boundaries of the field of study

Computer Science and Engineering

Electrical Engineering

16.1.2 Content, degrees and accreditations

In Latvia new regulation is demanding that study programmes leading to professional qualifications must comply with the standards of profession. These standards in appropriate EIE branch must be developed in co-operation with industry partners and approved by professional organisations, accreditation and licensing.

16.1.3 Implementation of the Bologna-BMD system in Latvia

In the Riga Technical University, largest HE institution providing engineering education in Latvia, 3 year (180 ECTS) Bachelor studies were introduced in the early 90s. It was treated as an intermediate qualification before choosing between professional programmes (1-2 years, 60-120 ECTS) and Master studies (3 years, 180 ECTS). This was a 3-6-9 system.

There were also introduced 4 year study programmes leading to Engineer qualifications (without a Bachelor degree), but not allowing continuation in Master studies as a Bachelor is required. In December 2000 the Law on Higher educational establishments was amended in the spirit of the Bologna declaration. According to these amendments the Law provides for the award of a professional bachelor degree (if the total duration of the programme is no less than 4 years, 160 Latvian credits, 240 ECTS) and a professional master degree (if the total duration of the programme is no less than 5 years (= 200 Latvian credit points or 300 ECTS credits).

Thus, in the long run the reforms will lead to a symmetric degree and qualification system shown in the Diagram of Latvia Higher Education System.

From September 1, 2002 Master degree programmes could not be longer than 2 years. It means mainly 3-5-8, but allowing other schemas too, as 4-6-9, 4-5-8.

16.2. Figures on the weight of EIE in Latvia

Institution	Faculty	Degree, qualification	Number of diplomas 2006
Universities			
Riga Technical university	Faculty of Computer Science and Information Technology	Bachelor of Engineering in Computer Systems and Control	123

		Bachelor of Engineering in Computer Systems, Engineer Qualification in programming	5
		Engineer Qualification in Automation and Computer Engineering	3
		Master of Engineering in Computer Systems and Control	63
		Master of Engineering in Computer Systems and Control, Engineer Qualification in programming	4
		Master of Engineering in Information Technologies	53
		Qualification in Information Technologies	33
		Qualification in programming	9
	Faculty of Electronics and Telecommunications	Bachelor of Engineering in Electrical Engineering	130
		Bachelor of Engineering in Electrical Engineering, Engineer Qualification in electronics	6
		Master of Science in Electrical Engineering	72
		Engineer Qualification in electronics	1
		Qualification in management of electronics and services technician	13
		Qualification in Transport Electronics and Telematics	6
	Faculty of Electrical and Power Engineering	Bachelor of Engineering in Electrical Engineering	25
		Master of Science in Electrical Engineering	29
University of Latvia	Faculty of Physics and Mathematics	Bachelor of Engineering in Computer Systems and Control	106
		Master of Engineering in Computer Systems and Control	53

		Qualification in programming	22
	Faculty of Education and Psychology	Qualification in Administration of computer systems and computer networks	10
Daugavpils University	Faculty of Natural Sciences and Mathematics	Bachelor of Engineering in Computer Systems and Control	19
		Bachelor of Engineering in Information Technologies, Engineer Qualification in programming	0
		Master of Engineering in Computer Systems and Control	7
Latvia University of Agriculture	Faculty of Information Technology	Bachelor of Engineering in Computer Systems and Control	31
		Bachelor of Engineering in Information Technologies	27
		Master of Engineering in Information Technologies	13
State higher education institutions			
Liepaja Pedagogical Higher School	Faculty of natural and social sciences	Bachelor of Engineering in Computer Systems and Control	14
		Master of Engineering in Information Technologies, Engineer Qualification in programming or project leader of information technologies	0
		Qualification in programming or Administration of computer networks	7
Transport and Telecommunication Institute	Faculty of Computer Science and Electronics	Bachelor of Engineering in Electronics	28
		Bachelor of Natural Sciences in Computer Science	105
		Engineer Qualification in Electronics and Electrical Engineering.	1

		Master of Engineering Sciences in Electronics	1
		Master of Natural Sciences in Computer Science	28
Ventspils University College	The Faculty of Information Technologies	Bachelor of Natural Sciences in Computer Science	43
		Master of Natural Sciences in Computer Science	0
		Qualification in Administration of computer systems and computer networks	9
Vidzeme University College	Department of Information technologies	Bachelor of Engineering in Computer Science, Engineer Qualification in programming	33
		Qualification in Administration of computer systems and computer networks	12
Rēzekne Higher Education Institution	Faculty of Engineering	Bachelor of Engineering in Computer Science, Engineer Qualification in programming	19
		Master of Engineering in Computer Science	0
State colleges			
Jekabpils Agro business college		Qualification in Administration of computer systems and computer networks	28
Riga Technical Collage	Department of information and telecommunication technologies	Qualification in Administration of computer systems and computer networks	
Riga Technical Collage		Qualification in Electronics	15
Riga Technical Collage		Qualification in Telecommunications	22
College RRC		Qualification in Administration of computer systems and computer networks	5
College RRC		Qualification in programming	3
Higher education institutions founded by legal entity			

Information Systems Management Institute		Master of Engineering in Computer Science	0
Information Systems Management Institute		Qualification in system analyzing	35

16.3. Degrees in EIE in Latvia

16.3.1 College level

The first level tertiary professional higher education or college education (2-3 years) leading to professional qualification Level 4. These study programmes are for applicants with general or professional secondary education.

16.3.2 Bachelor level

Bachelor of Engineering in Computer Systems and Control;
Bachelor of Engineering in Electrical Engineering;
Bachelor of Engineering in Information Technologies.

16.3.3 Engineer level

This is a professional qualification (4-4.5 years after secondary school, or 1.5, 2, 2.5 years after

bachelor), which exists in the following fields:

- Electronics

- Computer hardware and control

- Information technology

- Telecommunications

- Programming

- System analysis

16.3.4 Master level

Master of Science in Computer Science,

Master of Science in Electrical Engineering,

Master of Engineering in Computer Systems and Control,

Master of Engineering in Information Technologies;

Master of Engineering in Transport Telematics,

Master of Engineering in Electronics.

16.3.5 Doctor level

Doctor of Science,
Doctor of Engineering

16.4. List of degrees

Bachelor level

City	Institution	Faculty or department	Computer Systems and Control	Electrical Engineering	Computer Science	Information Technologies	Electronics	Programming	Computerised Control of Electrical Technologies	Telecommunications	Computerized Control, Information and Electronics Systems of Transport
Universities											
Daugavpils	Daugavpils Universitāte	Faculty of Natural Sciences and Mathematics			X			X			
Jelgava	Latvijas Lauksaimniecības universitāte	Faculty of Information Technology			X						
Riga	Latvijas Universitāte	Faculty of Physics and Mathematics			X	X					
Riga	Rīgas Tehniskā universitāte	Faculty of Computer Science and Information Technology	X					X			
		Faculty of Electronics and Telecommunications		X			X			X	X
		Faculty of Electrical and Power Engineering		X					X		
State higher education institutions											
Liepaja	Liepājas Pedagoģijas akadēmija	Department of mathematics and Computer Science			X						
Riga	Transporta un sakaru institūts	Faculty of Computer Science and Electronics			X		X				
Ventspils	Ventspils augstskola	The Faculty of Information Technologies			X						

Engineer level

City	Institution	Faculty or department	Automation and Computer Engineering	Information Technologies	Electronics	Transport Electronics and Telematics	Computer systems	Transport Electronics and Telematics	Computerized Control of Electrical Technologies	Programming	Information technologies	Information systems	Computer systems	Computerized Control of Electrical Technologies	Information technologies	Information systems
Universities																
Daugavpils	Daugavpils universitāte	Faculty of Natural Sciences and Mathematics		X												
Riga	Rīgas Tehniskā universitāte	Faculty of Computer Science and Information Technology	X	X			X						X			
		Faculty of Electronics and Telecommunications			X	X		X								
		Faculty of Electrical and Power Engineering							X					X		
Jelgava	Latvijas Lauksaimniecības universitāte	Faculty of Information Technology								X						
State higher education institutions																
Riga	Transporta un sakaru institūts	Faculty of Computer Science and Electronics			X											
Liepāja	Liepājas Pedagoģijas akadēmija	Faculty of natural and social sciences													X	
Valmiera	Vidzemes augstskola	Department of Information technologies									X					
Rēzekne	Rezekne Augstskola	Faculty of Engineering								X			X			
Higher education institutions founded by legal entity																
Jūrmala	Information Systems												X			X

	Management Institute														

Professional higher education

Professional higher education Bachelor's degree

Professional higher education Master's degree

Master level

City	Institution	Faculty or department	Computer Systems and Control	Electrical Engineering	Computer Science	Information Technologies	Electronics	Programming	Computerised Control of Electrical Technologies	Telecommunications	Computerized Control, Information and Electronics Systems of Transport	Automation and Computer Engineering
Universities												
Daugavpils	Daugavpils Universitāte	Faculty of Natural Sciences and Mathematics			X		X					
Jelgava	Latvijas Lauksaimniecības universitāte	Faculty of Information Technology			X							
Riga	Latvijas Universitāte	Faculty of Physics and Mathematics			X							
	Rīgas Tehniskā universitāte	Faculty of Computer Science and Information Technology	X			X						X
		Faculty of Electronics and Telecommunications		X			X			X	X	
		Faculty of Electrical and Power Engineering		X					X			
State higher education institutions												
Riga	Transporta un sakaru institūts	Faculty of Computer Science and Electronics			X		X					
Ventspils	Ventspils augstskola	The Faculty of Information Technologies			X							

It exist also some professional qualifications, some years after the bachelor:

Riga, University of Latvia, Faculty of Physics and Mathematics

Engineer Qualification in Programming (college) - 2,5 years

Database Engineer Qualification (college) - 3 years

College level

City	Institution	Faculty or department	Computer Systems	Electrical Engineering	Programming and Computer Science	Information Technologies	Electronics	Programming	Telecommunications	Computerized Control, Information and Electronics Systems of Transport	Programming and Administration of computer networks	Administration of computer systems and computer networks
Universities												
Riga	Latvijas Universitāte	Faculty of Physics and Mathematics						X			X	
		Faculty of Education and Psychology										X
	Rīgas Tehniskā universitāte	Faculty of Computer Science and Information Technology	X									
		Faculty of Electronics and Telecommunications		X			X		X	X		
State higher education institutions												
Liepāja	Liepājas Pedagoģijas akadēmija	Faculty of natural and social sciences				X						
Ventspils	Ventspils augstskola	The Faculty of Information Technologies				X						
Valmiera	Vidzemes augstskola	Department of Information technologies				X						
State colleges												
Jēkabpils	Jekabpils Agro business college											X
Riga	Riga Technical Collage	Department of information and telecommunication technologies					X	X	X			
Jūrmala	College RRK					X	X					

16.5. References

The information given in this monograph is based on the following documents and web links:

Ministry of Education and Science http://www.izm.lv/en/default.htm

University and Higher Education Institution Web pages

Doctoral
Studies

16.5. Doctoral Studies in Latvia

16.5.1. Supervision

Scientific Board or Supervisor

Scientific board. The student has the same personal supervisor during its thesis work not necessarily on an active research area of the supervisor.

Subject Assignment

Subject assigned at the beginning of the doctoral studies, by agreement between student and supervisor.

Who can be a Supervisor

Any professor or any person approved by the Senate of the University.

Tasks of Scientific Board/Supervisor

1.	General management	NO
2.	Deciding/advising layout of course	YES
3.	Assigning a thesis subject	YES

Duration

Three or four years.

16.5.2. Development

Courseware?

Yes.

Course Work

1. The students have to take course work during their doctoral degree preparation. The course work is assessed by examinations and is offered as special doctorate courses.

2. Extension: depends on the course CP.

3. Credit system: not ECTS. One CP is equivalent to 1.5 ECTS. The course work has 42 CP allocated, equivalent to 63 ECTS.

4. Monitoring of the doctoral student.

Contribution to Teaching

1. Supervision of undergraduate laboratory work.

2. Teaching of undergraduate students, typically practice classes, not lecturing.

Presentation of Work

At international conferences. Demand of five internationally recognized papers/conference proceedings.

16.5.3. Thesis Work

Submission of Doctoral Written Thesis

1. Language: Latvian. No alternative languages. The thesis has a 30 page summary in Latvian and English.

2. There are credits allocated to the doctoral thesis.

3. The doctoral thesis is a previously unpublished substantial written report.

Oral Presentation of Thesis Work

1. Language normally used: Latvian. No alternative languages.

2. Oral presentation with oral examination for an open/public audience.

3. Duration: typical duration of 3 hours including examination with no upper time limit.

4. Examination

Thesis Examination Board

1. Composition: special approved Promotion Committee + one expert-reviser from the Science Council of Latvia + two experts-revisers from Latvia or abroad.

2. Selection by the Science Council of Latvia.

Evaluation

1. Result based on the reading of the thesis and the oral presentation of the thesis work, with no grading system.

2. If the student fails, he/she may resubmit a revised thesis or do further work as specified by the examination board.

16.6. Questionnaires

Latvia

3 – ACTIVITIES DURING DOCTORAL STUDIES

3.1- SUPERVISION OF DOCTORAL STUDIES

3.1.1   Are the doctoral studies supervised by a Scientific Board/supervisor? If no, please proceed to 3.1.5.   YES

3.1.2   **How many members are in the Scientific Board?**

3.1.3   How are the members of the Scientific Board chosen?

3.1.3.1   Elected by the Faculty, Department?   Y/N

3.1.3.2   Chosen by the student?   Y/N

3.1.3.3   Chosen in another way? Please specify: Y/N

3.1.4   Which are the main tasks of the Scientific Board/ Supervisor?

3.1.4.1   General management of the doctoral studies.   N

3.1.4.2   Deciding the layout of the course, advising the students on their coursework.   Y

3.1.4.4   Assigning the thesis subject.   Y

3.1.4.5   Other. Please specify:

3.1.5   Does the student need a personal supervisor during her/his studies?   Y

3.1.5.1   Does the same person supervise her/his thesis work?   Y

3.1.6   Must the subject of the doctoral thesis be an active research area in the department?   N

3.1- SUPERVISION OF DOCTORAL STUDIES

3.1.7   The doctoral thesis subject is normally assigned:

3.1.7.1   At the beginning of the doctoral studies?

Y

3.1.7.2   After a specified period of coursework?

Y/N

3.1.7.3   Other. Please specify:

Y/N

3.1.8   The thesis supervisor of a doctoral student can be:

3.1.8.1   Any professor or lecturer in the department?

Y/N

3.1.8.2   Any researcher in the department?

Y/N

3.1.8.2.1   In this case, is there a need for a second supervisor who is a professor or lecturer in the department?

3.1.8.3   Any researcher in another institution?

Y/N

3.1.8.3.1   In the latter case, is there a need for an internal supervisor?

Y/N

3.1.8.4   Other methods. Please specify:

Y

Right to be a supervisor must be approved by the University Senat if person is not in a position of professor.

3.1.9   The thesis subject is assigned by:

3.1.9.1   Agreement between the student and the proposed supervisor?

Y

3.1.9.2   Other methods. Please specify:

Y/N

3.2- COURSE WORK

3.2.1   Do the students have to take coursework during their doctoral degree preparation? If no, please proceed to 3.3.

Y

3.2.2   **Extension and assessment.**

3.2.2.1   What is the number of contact hours spent in coursework in each year?

Year 1	**Year 2**	**Year 3**	**Year 4**
hrs	**hrs**	**hrs**	**hrs**

According to course CP, the duration of doctoral studies is 3 years or 4 years for part-time (working) students.

3.2- COURSE WORK

3.2.2.2   **In which form is this coursework offered?**

        - As specialist graduate course units.

        - As course units taken from the undergraduate programme.

        - Other. Please specify.

        Special doctoral courses.

3.2.2.3   Is the coursework assessed by examinations?   Y
If not, please give details:

3.2.3   **Credit system**

3.2.3.1   Is the coursework in your institution described by a credit system?   Y

3.2.3.2   Is it the ECTS system?   N

        If not, what is the relationship with ECTS?   1 CP= 1.5 ECTS

3.2.3.3   How many credits are allocated to coursework?   42 CP = 63 ECTS

3.2.4   **Monitoring**

3.2.4.1   Do you monitor the performance of the doctoral student taking   Y
coursework?

3.2.4.2   **What regulations apply in case of failure in one or more course units?**

        - Retake the exam.

        - Take a different course unit.

3.3- PRESENTATION OF WORK RESULTS:

3.3.1   In the department.

3.3.2   At national conferences.

3.3.3   At international conferences.

        Demand 5 internationally recognized papers/conference proceedings.

3.4- CONTRIBUTION TO TEACHING:

3.4.1   Supervision of undergraduate laboratory.

Y

3.4.2   Teaching undergraduate courses.

Y[1]

[1]Y (typical – practice not lecturing).

4 - AWARDING OF DOCTORAL DEGREE

4.1- SUBMISSION OF DOCTORAL THESIS

4.1.1   Which language is normally used for the thesis?

Latvian[2]

4.1.2   Are alternative languages used for the thesis?
Please Specify:

N

[2] Latvian with about 30 page summary in Latvian and English.

4.1.3   Which language is normally used for the oral presentation and/or examination?

Latvian

4.1.4   Are alternative languages used in the oral presentation and examination?
Please Specify:

NO

4.1.5   Are credits allocated to the doctoral thesis?

Y

4.1.6   **The doctoral thesis is:**

4.1.6.1   **A previously unpublished substantial written report**.

4.1.6.2   A collection of individual or co-authored scientific papers with an introduction and/or commentary.

4.1.6.3   Other. Please specify:

4.2- THESIS EXAMINATION AND DEGREE AWARDING

4.2.1   Is there an oral presentation of the thesis work for an open audience as part of the evaluation procedure?

YES

4.2- THESIS EXAMINATION AND DEGREE AWARDING

4.2.2   Composition of the thesis examination board. Please, give the typical number of:

4.2.2.1   Internal examiners.

*

4.2.2.2   External examiners.

2*

4.2.2.3   TOTAL.

[*] Special approved promotion Committee + 1 expert-reviser from Science Council of Latvia 2 experts-revisers from Latvia or abroad.

4.2.3   How is the examination board chosen?

4.2.3.1   By the supervisor.

4.2.3.2   By the scientific committee of the institution.

4.2.3.3   By the rector or equivalent.

4.2.3.4   By the national ministry.

4.2.3.5   Other. Please specify:

Science Council of Latvia.

4.2.4   Do the examiners base their evaluation mark on:

4.2.4.1   Reading the thesis.

Y/N

4.2.4.2   The oral presentation of the thesis work.

Y/N

4.2.4.3   **Both**.

4.2.4.4   What is the typical duration of the oral part of the thesis examination, if applicable?

~2 hours

4.2.4.5   Is there an upper limit to the duration of the thesis examination?

N

4.2.5   Is the oral part of the examination taken behind closed doors?

N Open

4.2- THESIS EXAMINATION AND DEGREE AWARDING

4.2.6   What happens if the student fails?

4.2.6.1   May not resubmit for doctorate.

Y/N

4.2.6.2   May resubmit revised thesis.

Y

4.2.6.3   May do further work as specified by examination board.

Y

4.2.6.4   If the thesis is to be re-submitted is there a time limit for this to occur?
Please specify:

Y/N

4.2.7   Is there a grading system for the doctoral degree based on the quality of the
work?

N

LV: Latvia

Universities

City	Name of the institution (national language)	Name of the institution (English)	http address
Daugavpils	Daugavpils Universitāte	Daugavpils University	http://www.dpu.lv
Jelgava	Latvijas Lauksaimniecības Universitāte	Latvia University of Agriculture	http://www.llu.lv
Riga	Latvijas Universitāte	University of Latvia	http://www.lu.lv
Riga	Rīgas Stradiņa universitāte	Riga Stradiņš University	http://www.rsu.lv/
Riga	Rīgas Tehniskā universitāte	Riga Technical University	http://www.rtu.lv

Higher Education Institutions

City	Name of the institution (national language)	Name of the institution (English)	http address
Liepaja	Liepājas Pedagoģijas akadēmija	Liepaja Academy of Pedagogy	http://www.lieppa.lv
Rezekne	Rēzeknes Augstskola	Rezekne Higher Education Institution	http://www.ru.lv
Riga	Transporta un sakaru institūts	Transport and Telecommunication Institute	http://www.tsi.lv
Riga	Rīgas Aeronavigācijas institūts	Riga Aeronavigationl Institute	http://www.rai.lv
Valmiera	Vidzemes Augstskola	Vidzeme University College	http://www.va.lv
Ventspils	Ventspils Augstskola	Ventspils University College	http://www.venta.lv
Riga	Latvijas Kultūras akadēmija	Latvian Academy of Culture	http://www.lka.edu.lv
Riga	Latvijas Mākslas akadēmija	Latvian Academy of Art	http://www.lma.lv
Riga	J.Vītola Latvijas Mūzikas akadēmija	Jāzeps Vītols Latvian Academy of Music	http://www.music.lv/academy/lv/
Riga	Latvijas Sporta pedagoģijas akadēmija	Latvian Academy of Sport Education	http://www.lspa.lv

Riga	Latvijas Jūras akadēmija		http://www.aic.lv/ENIC/lat/ENIC/augst_izgl_99/LJA/default.htm
Riga	Rīgas Pedagoģijas un izglītības vadības augstskola	Riga Teacher Training and Educational Management Academy	http://www.rpiva.lv
Riga	Rīgas Ekonomikas augstskola	Stockholm School of Economics in Riga	http://www.sseriga.edu.lv
Riga	Banku augstskola	Banking Institution of Higher Education	http://www.ba.lv
Riga	Latvijas Policijas akadēmija	THE POLICE ACADEMY OF LATVIA	http://www.polak.edu.lv
Riga	Latvijas Nacionālā Aizsardzības akadēmija		http://www.naa.mil.lv
Jēkabpils	Jēkabpils Agrobiznesa koledža	Jekabpils Agrobusiness college	http://www.jak.lv
Riga	Rīgas Tehniskā koledža	RIGA TECHNICAL COLLEGE	http://www.rtk.lv
Jūrmala	Koledža RRC	College RRC	www.sic.gov.lv
Riga	Informācijas sistēmu menedžmenta augstskola	Information Systems Managment Institut	http://www.isma.lv