



REPUBLIC OF ESTONIA

TARTU ÜLIKOOL
University of Tartu

DIPLOMA SUPPLEMENT

Annex to Diploma No MA 018693

This Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the diploma supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications. It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It is free from any value judgments, equivalence statements or suggestions about recognition. Information in all sections should be provided. Where information is not provided, an explanation should give the reason why.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

- 1.1. Family name: MÜHLBERG
1.2. Given name: MARKUS LOUIS
1.3. Date of birth (day/month/year): 01.09.1998
1.4. Personal identification code: 39809010815

2. INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1. Name of qualification and (if applicable) title conferred (in original language):
arstikraad
Degree in Medicine
2.2. Main field(s) of study for the qualification: Programme: Medicine (code 80418)
The study programme entered into the Estonian Education Information System on 22.03.2006
Main field of study: Medicine
2.3. Name and status of awarding institution (in original language):
Tartu Ülikool, public university
2.4. Name and status of institution (if different from 2.3.) administering studies (in original language):
-
2.5. Language(s) of instruction: Estonian

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

- 3.1. Level of qualification: integrated first and second cycle higher education,
Estonian Qualifications Framework Level 7
European Qualifications Framework Level 7
3.2. Official length of programme: 6 years
360 European Credit Transfer and Accumulation System (ECTS) credits
3.3. Access requirement(s): gümnaasiumi lõputunnistus (Secondary School Leaving Certificate),
lõputunnistus kutsekeskhariduse omandamise kohta (Certificate of Vocational Secondary Education) or a corresponding qualification giving access to higher education

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study: full-time

4.2. Programme requirements: The basic studies in medicine are carried out in a system of courses, with the subjects being studied in a pre-determined order. The curriculum includes following modules:
Specialisation subjects (332 ECTS)
War and Disaster Medicine (3 ECTS)
Elective subjects (15 ECTS)
Optional subjects (5 ECTS)
Final examination (5 ECTS)

Learning outcomes:

A student who has completed the curriculum

- 1) has systemic and comprehensive knowledge of the concepts, theoretical principles and research methods used in the field of medicine;
- 2) has an attitude appropriate to the medical profession, sufficient professional knowledge and skills, as well as clinical experience;
- 3) is familiar with and follows the ethics of science and medicine and the principles of evidence-based medicine;
- 4) is able to pass on medical knowledge and conclusions made based on such knowledge both to patients, colleagues, as well as to the general public;
- 5) is able to work in a position that requires a doctor's qualification;
- 6) is prepared to work in the field of medicine in a position that requires initiative, responsibility and as well as management and teamwork skills;
- 7) has sufficient knowledge and skills for scientific research in the field of medicine;
- 8) is able to continue studies in the field of specialised medicine;
- 9) acknowledges the need to continue improving his/her knowledge and skills in medicine in the course of his/her professional career with the help of in-service training.

4.3. Programme details (e.g. modules or units studied) and the individual grades/marks/credits obtained:

Subject code	Subject	ECTS credits	Date	Result	Teaching staff member
University of Tartu					
FLKE.05.008	Latin for Students of Medicine	2.00	20.12.2017	Pass	K. Kriisa
ARAI.01.039	First Aid	2.00	20.12.2017	Pass	A. Sipria
ARFS.01.023	Biophysics	4.00	05.01.2018	A - Excellent	J. Kivastik
LOKT.00.009	Medical Chemistry	5.00	12.01.2018	Pass	M. Steinberg, A. Sarapuu, E. Viirleid, H. Kasuk, I. Kivi, R. Rebane, A. Heering, C. Siimenson, M-L. Oldekop
AR00.00.057	Introduction to Medicine	1.00	15.01.2018	Pass	A. Kalda
ARBK.01.029	Biochemistry	3.00	23.05.2018	Pass	S. Altraja
ARAN.01.040	Special Dissection Course	2.00	24.05.2018	Pass	E. Põldoja
HVUS.02.003	Sexual Theology	3.00	28.05.2018	Pass	R. Karo
ARTH.02.056	History of Medicine	3.00	29.05.2018	A - Excellent	K. Kalling
AROT.01.041	Basic Nursing Care	3.00	31.05.2018	Pass	T. Oolo
ARAN.02.005	Histology	8.00	04.06.2018	A - Excellent	A. Arend
ARAN.01.038	Anatomy	12.00	11.06.2018	B - Very good	K. Kokk
ARMP.01.029	Biology	10.00	18.06.2018	B - Very good	P. Peterson
AR00.00.100	Research Work for Students	2.00	07.12.2018	A - Excellent	V. Volke
ARTH.02.055	Medical Theory and Ethics	3.00	11.12.2018	A - Excellent	A. Keis
HVLC.04.009	German for Beginners III, Level A1.2> A2.1	6.00	14.12.2018	Pass	N. Lepa
ARTH.04.045	Health Promotion	4.00	20.12.2018	A - Excellent	K. Pärna
ARBK.01.030	Medical Biochemistry (Part 1)	5.00	21.12.2018	Pass	T. Salum
ARST.01.116	Healthy Teeth for Everybody	1.00	02.01.2019	Pass	R. Nõmmela
ARMP.02.007	Immunology	5.00	08.01.2019	A - Excellent	R. Uibo
ARMB.01.020	Medical Microbiology (Part 1)	3.00	09.01.2019	Pass	I. Lutsar

Continues on pages S 546737, S 546738

ARTH.03.006	Epidemiology and Biostatistics	5.00	11.01.2019	D - Satisfactory	M. Raag
ARPO.01.032	Family Medicine I	3.00	02.05.2019	Pass	H. Tähepõld
ARTH.02.082	Principles of Communication and Health Behaviour in Medicine	4.00	15.05.2019	Pass	A. Rätsep
MVMV.00.002	The Possibility of Entrepreneurship in Medical Sciences	2.00	20.05.2019	Pass	J. Mäestu
ARFS.01.036	Modern Methods in Neurobiology I	6.00	22.05.2019	Pass	E. Vasar
HVLC.05.025	Russian for Students of Medicine I, Level A2.1 > A2.2	3.00	27.05.2019	Pass	J. Nõlvand
HVAJ.07.002	Seminar on General History	4.00	28.05.2019	Pass	M. Kõiv
ARMB.01.020	Medical Microbiology (Part 2)	6.00	07.06.2019	A - Excellent	I. Lutsar
ARFS.01.030	Human Physiology	12.00	17.06.2019	A - Excellent	E. Vasar
ARBK.01.030	Medical Biochemistry (Part 2)	6.00	28.06.2019	A - Excellent	M. Zilmer
ARAN.01.043	Muscles Dissection Course	2.00	17.10.2019	Pass	K. Kokk
ARPO.01.042	Patient-centred Communication	3.00	13.12.2019	Pass	R. Kalda
HVLC.05.026	Russian for Students of Medicine II, Level A2.1 > B1.1	3.00	16.12.2019	Pass	J. Nõlvand
ARFR.02.037	Pharmacology and Toxicology (Part 1)	5.00	19.12.2019	Pass	K. Jaako
ARTH.01.045	Environmental and Occupational Health	5.00	09.01.2020	A - Excellent	H. Orru
ARMP.03.015	Pathophysiology	8.00	17.01.2020	A - Excellent	K. Paju
ARPA.01.014	Pathological Anatomy	8.00	17.01.2020	A - Excellent	A. Minajeva
ARKA.01.046	Guidelines for ECG Interpretation	2.00	13.04.2020	Pass	P. Tammejärv
ARFR.02.037	Pharmacology and Toxicology (Part 2)	4.00	25.05.2020	A - Excellent	A. Žarkovski
ARFR.02.054	Student Research in Pharmacology and Drug Toxicology I	6.00	04.06.2020	Pass	A. Vaarmann
ARSK.00.027	Vaccine and Immunization Education	3.00	09.06.2020	Pass	K. Kõivumägi
AR00.00.016	Fundamentals of Diagnostics	17.00	30.06.2020	D - Satisfactory	M. Lember
ARMP.01.026	Human Molecular and Clinical Genetics	6.00	12.11.2020	A - Excellent	M. Laan
MVFA.00.019	Medicines Down to Earth	1.00	16.11.2020	Pass	J. Sepp
OIAO.06.050	Fundamentals of Information Literacy	3.00	10.12.2020	Pass	V. Seiler
ARSK.03.016	Sample Collecting and Quality Assurance	2.00	27.01.2021	Pass	K. Kisand
MV00.00.015	Internal Medicine	28.00	02.02.2021	B - Very good	R. Kallikorm
ARSI.01.002	Ophthalmology	3.00	19.02.2021	A - Excellent	K. Kaljurand
ARAI.01.045	Anaesthesiology and Intensive Care	3.00	19.03.2021	Pass	J. Starkopf
ARPS.01.082	Emergency Psychiatry I	1.00	30.03.2021	Pass	S. Janno
AR00.00.088	War and Disaster Medicine	3.00	05.04.2021	Pass	H. Roon
ARKI.02.034	Actual Topics in Abdominal Surgery	2.00	10.05.2021	Pass	M. Peetsalu
MVCM.09.001	Headaches - the Most Common Complaint: What are the Causes and How to Treat Headaches	2.00	18.05.2021	Pass	M. Braschinsky
ARSM.00.011	Sports Traumatology	2.00	24.05.2021	Pass	E. Unt
ARKA.01.053	Invasive Diagnostics and Myocardial Revascularisation in CAD Patients	2.00	25.05.2021	Pass	J. Eha
ARHO.02.002	Oncology	4.00	28.05.2021	Pass	J. Jaal
AR00.00.066	Surgery	12.00	04.06.2021	A - Excellent	M. Peetsalu
MVMV.00.003	Supporting the Medical System in the Covid-19 Pandemic	2.00	28.06.2021	Pass	A. Kalda
ARNR.00.017	Lectures on Selected Topics in Neurology and Neurosurgery	2.00	06.10.2021	Pass	P. Taba
ARTH.02.081	Health Care Management and Health Economics	5.00	22.10.2021	Pass	M. Jürisson
ARPA.02.012	Forensic Medicine	2.00	28.10.2021	Pass	M. Väli
ARSM.00.013	Physical Medicine and Rehabilitation	2.00	05.11.2021	Pass	M. Rokk
ARRD.00.016	Clinical Radiology	2.00	12.11.2021	Pass	P. Ilves
MVPT.04.002	Medical Law	2.00	03.12.2021	Pass	A. Nõmper
ARSM.00.015	Recreational Sports - No Pain, No Gain	2.00	06.12.2021	Pass	E. Unt
ARPS.01.078	Psychiatry	9.00	10.12.2021	A - Excellent	I. Tõru

ARFS.01.005	Neurophysiology of Pain	2.00	16.12.2021	Pass	V. Volke
ARPO.01.031	Family Medicine II	4.00	07.01.2022	A - Excellent	R. Kalda
ARNH.01.033	Dermatology and Venereology	5.00	21.01.2022	A - Excellent	K. Kingo
MVCM.09.003	Management of Stroke in Everyday Practice	2.00	21.01.2022	Pass	J. Kõrv
ARAI.01.054	Critical Conditions in Emergency Medicine	2.00	03.02.2022	Pass	J. Starkopf
ARNS.01.032	Obstetrics and Gynaecology	8.00	18.03.2022	B - Very good	K. Rull
ARNR.01.036	Neurology and Neurosurgery	7.00	14.04.2022	A - Excellent	S. Haldre
ARKI.02.045	Andrological Urology	2.00	27.04.2022	Pass	M. Punab
ARFR.03.019	Clinical Pharmacology	2.00	04.05.2022	Pass	A. Kalda
ARKR.01.028	Otorhinolaryngology	4.00	13.05.2022	B - Very good	M. Plaas
ARLA.01.042	Paediatrics	8.00	10.06.2022	A - Excellent	V. Tillmann
ARRD.00.013	Practical Radiology	2.00	14.06.2022	Pass	P. Ilves
ARNS.01.029	Student Research in Reproductive Health, Gynaecology and Obstetrics I	2.00	17.06.2022	Pass	H. Karro
ARAI.01.051	Student Research in Anaesthesiology, Intensive Care and Emergency Medicine I	6.00	21.06.2022	Pass	J. Starkopf
MV00.00.004	Surgery Practice	12.00	26.01.2023	Pass	C. Nikkolo
MV00.00.007	Elective Placement	7.00	26.01.2023	Pass	S. Haldre
MV00.00.003	Internal Medicine Practice	12.00	26.01.2023	Pass	M. Rosenberg
MV00.00.006	Emergency Medicine Practice	12.00	26.05.2023	Pass	A. Sipria
MV00.00.005	Family Medicine Practice	12.00	26.05.2023	Pass	H. Tähepõld
ARAR.00.006	Graduation Examination	5.00	31.05.2023	A - Excellent	A. Altraja
Total workload		422.00			
Weighted average grade		4.42			

4.4. Grading scheme(s):

Grading scheme since August 30, 1999

Grade	Description
A	Excellent
B	Very good
C	Good
D	Satisfactory
E	Sufficient
F	Insufficient

The examination or preliminary examination is considered passed upon its grading in the range from "E" to "A". In calculating the average grade the following correspondences are applied: A = 5, B = 4, C = 3, D = 2, E = 1, F = 0.

Non-differentiated assessment of academic results is conducted using a system whereby the positive result is defined as "Pass" and the negative result as "Fail".

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study:

Doctoral studies

5.2. Professional status:

Qualified to work as a professional specialist in positions, where master level degree or a corresponding qualification is required; right to apply to practice medicine.

Recognition of professional qualifications is a prerequisite for access to the labor market in the Member States of the European Union and the European Economic Area. This qualification is listed in Annex V, point 5.1.1 of Directive 2005/36/EC of the European Parliament and of the Council as satisfying the minimum training conditions referred to in Article 24, thus falling under the right of automatic recognition, as stipulated in Article 21.

6. ADDITIONAL INFORMATION

6.1. Additional information:

This study programme is included in the study programme group of "Medicine (including dental services)" and the studies are conducted according to the rights given by Minister of Education and Research Directive of 11.06.2020 "The Rights to Organise Studies at the Level of Higher Education"

6.2. Further information sources:

Institution: University of Tartu
Faculty of Medicine

Estonian ENIC/NARIC
Academic Recognition Information Centre
Archimedes Foundation
Tõnismägi 11, 10119, Tallinn, ESTONIA
www.archimedes.ee/enic
(+ 372) 697 9215

Address: Ravila 19, 50411, Tartu linn

www-page: www.ut.ee

Tel: +372 737 5326

Fax:

E-mail: med@ut.ee

enic-naric@harno.ee

7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date:

16.06.2023

7.2. Signatures:

7.3. Names:

Anti Kalda

Kadri Veeperv

7.4. Capacity:

Vice Dean for Academic Affairs

Academic Affairs Specialist

7.5. Official stamp or seal



Registration No 380

8. INFORMATION ON THE HIGHER EDUCATION SYSTEM OF ESTONIA

Information is available on the website of the Ministry of Education and Research:
<https://www.hm.ee/en/activities/higher-education>

KOOPIA ÕIGE
L. Lindpere
õppekorralduse spetsialist
17.10.2023

