

Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

1 (36)

**Date and time** 22 February 2024, 13.00-15.10

**Place/venue** Teams

Participants	Role	Present at the
		items
Members		
Lehtinen Kari	Dean, Chair	1-18
Hauta-Kasari Markku	1st Vice Dean, Vice Chair	1-18
Kukkonen Jussi	2nd Vice Dean	1-18
Hujala Teppo	Professor, member	1-18
Tuittila Eeva-Stiina	Professor, deputy member	
Lehto Vesa-Pekka	Professor, member	1-4
Kuittinen Markku	Professor, deputy member	
Jänis Janne	Professor, member	
Pumpanen Jukka	Professor, deputy member	
Berninger Frank	Professor, member	2-18
Tedre Matti	Professor, deputy member	1-18
Miettinen Pauli	Professor, member	1-18
Tuomela Jukka	Professor, deputy member	
Tanska Petri	Other staff, member	
Haapala Antti	Other staff, deputy member	1-18
Mononen Maini	Other staff, member	
Turunen Mikael	Other staff, deputy member	
Virrantalo Tarja	Other staff, member	1-12 and 16-18



Other preparers

Laitinen Kaisa

## Minutes

Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

2 (36)

Kopra Juho	Other staff, deputy member	1-3
Pohjoismäki Jaakko	Other staff, member	1-18
Asikainen Mervi	Other staff, deputy member	
Vainikainen Hanne	Other staff, member	1-3
Kumlin Timo	Other staff, deputy member	
Merruntaus Kati	Student, member	1-12 and 16-18
Ahtonen Tiina	Student, deputy member	
Palkovuori Teemu	Student, member	1-12 and 16-18
Törö Teemu	Student, deputy member	1-3
Partanen Silja	Student, member	1-12 and 16-18
Miettinen Mikko	Student, deputy member	
Jankova Simona	Student, member	1-12 and 16-18
Rautiainen Kaisa	Student, deputy member	
Helvelahti Tomi	Student, member	1-12 and 16-18
To be named later	Student, deputy member	
Hirvonen Arja	Executive Head of Administration, secretary,	1-18
	preparer	

Head of Training

Merimaa-Piirainen Maarit Head of Student Services

1-18

1-17



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

3 (36)

# Items to be discussed at the meeting

Title	Page
Opening of the meeting	5
Legitimacy and presence of a quorum	6
Listening to and grading the trial lecture of PhD Sami	7
Nikkonen for the purpose of awarding the title of docent	
in the field of medical physics and computer science in	
sleep medicine	
Awarding the title of docent to PhD Sami Nikkonen in the	9
field of medical physics and computer science in sleep	
medicine	
The Dean's proposal on the person to be appointed as a	12
university teacher/university lecturer in wood science.	
Hearing of the Faculty Council	
A post of Professor/Associate Professor of Sustainable	15
Chemical Engineering (Tenure Track), description of the	
post. Hearing of the Faculty Council	
The scope and specifications of the post of University	17
Lecturer in Computer Science that will become vacant at	
the Faculty. Hearing of the Faculty Council	
The scope and specifications of the post of University	19
Teacher/University Lecturer in Modern measurement	
techniques and systems that will become vacant at the	
Faculty. Hearing of the Faculty Council	
Deciding on the criteria for supplementary admissions to	21
Bachelor's and Master's level education for 2024	
Confirming the curricula and amendments to the	23
curricula for Bachelor's and Master's degree programmes	
for the academic year 2024-2025	
	Legitimacy and presence of a quorum Listening to and grading the trial lecture of PhD Sami Nikkonen for the purpose of awarding the title of docent in the field of medical physics and computer science in sleep medicine Awarding the title of docent to PhD Sami Nikkonen in the field of medical physics and computer science in sleep medicine The Dean's proposal on the person to be appointed as a university teacher/university lecturer in wood science. Hearing of the Faculty Council A post of Professor/Associate Professor of Sustainable Chemical Engineering (Tenure Track), description of the post. Hearing of the Faculty Council The scope and specifications of the post of University Lecturer in Computer Science that will become vacant at the Faculty. Hearing of the Faculty Council The scope and specifications of the post of University Teacher/University Lecturer in Modern measurement techniques and systems that will become vacant at the Faculty. Hearing of the Faculty Council Deciding on the criteria for supplementary admissions to Bachelor's and Master's level education for 2024 Confirming the curricula and amendments to the curricula for Bachelor's and Master's degree programmes



Faculty Council of the Faculty of Science, Forestry and	4 (36)
Technology	
Meeting No 2/2024	
Meeting date 22 February 2024	

11	Bachelor's and Master's level courses available to	25
	exchange students for the academic year 2024-2025	
12	Confirming the curriculum for doctoral education for the	27
	academic year 2024-2025	
13	Grading MSc Mahboubeh Kafili's doctoral dissertation in	28
	the field of Environmental Science	
14	Grading MSc Matias Rusanen's doctoral dissertation in	30
	the field of Applied Physics	
15	Grading MSc Tanja Turunen's doctoral dissertation in the	32
	field of Biology	
16	For information	34
17	Closing of the meeting	35
18	Translation of the agenda/minutes	36



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

5 (36)

§ 1

# Opening of the meeting

The chair opened the meeting at 13.00.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 6 (36)

#### § 2

## Legitimacy and presence of a quorum

In accordance with the UEF University Regulations, meeting notices of a multi-member administrative organ must be sent at least seven days prior to the meeting, unless the administrative organ has decided otherwise.

The meeting notice was sent on 15 February 2024.

According to the UEF University Regulations, multi-member organs of the university have a quorum when at least half of the members, including the chair, are present. By the decision of the chair, a multi-member administrative organ can hold its meeting by email or, either fully or in part, via a video conference, telephone, or some other remote participation means. The chair has decided that the meeting be organised via Teams.

## Motion

The meeting is deemed lawful and quorate. The agenda is approved.

## Decision

As proposed. The order of items on the agenda was changed so that the items For information, Closing of the meeting and Translation of the agenda/minutes were placed after the supplementary item.



Faculty Council of the Faculty of Science, Forestry and Technology
Meeting No 2/2024
Meeting date 22 February 2024

7 (36)

Record entry 4561/01.08.00/2023

Prepared by Arja Hirvonen

§ 3

Listening to and grading the trial lecture of PhD Sami Nikkonen for the purpose of awarding the title of docent in the field of medical physics and computer science in sleep medicine

Based on section 89 of the Universities Act 558/2009, a docent shall have good teaching skills. As a rule, the teaching skills of a person applying for the title of docent are evaluated on the basis of application documents. In such a case, the person's practical teaching experience at university level and demonstrated achievements in supervising academic theses, studies in university pedagogy, other pedagogical qualifications and earlier university-level trial lectures, which have been approved and graded as good or higher, are taken into consideration.

In order to assess the good teaching skills required of a docent, PhD Sami Nikkonen must, in accordance with the Dean's decision of 14 December 2023, give a trial lecture in order to be awarded the title of docent in the field of Medical physics and computer science in sleep medicine. The topic of his trial lecture is "Pulssioksimetri ja sen sovellukset unilääketieteessä" (Pulse oximeter and its applications in sleep medicine).

The trial lecture is graded on the scale adequate – satisfactory – good – very good – excellent.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 8 (36)

The trial lecture is assessed in accordance with <u>the faculty's instructions</u> <u>dated 17 March 2021</u>. In the assessment of the trial lecture, attention is paid, e.g., to the person's ability to

- structure the entity that is being taught in a manner that is understandable to the audience,
- justify the ideas and arguments they present,
- utilise the latest research in the field,
- teach in an enthusiastic and thoughtful manner,
- interact with the students,
- activate and support learning,
- prepare study materials taking account of the target audience,
- utilise the teaching methods of online and blended pedagogy,
- take account of the needs and opportunities of remote and oncampus education (hybrid education), to manage the educational situation.

## Motion

The Faculty Council will listen to and grade the trial lecture of PhD Sami Nikkonen.

## **Decision**

The trial lecture was graded as good (3/5).



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

9 (36)

Record entry 4561/01.08.00/2023

Prepared by Arja Hirvonen

#### § 4

Awarding the title of docent to PhD Sami Nikkonen in the field of medical physics and computer science in sleep medicine

PhD Sami Nikkonen has applied for the title of docent in the field of medical physics and computer science in sleep medicine at the Department of Technical Physics of the Faculty of Science, Forestry and Technology of the University of Eastern Finland. PhD Nikkonen's application and related attachments are enclosed with the agenda item as appendices.

In accordance with section 89 of the Universities Act 558/2009, the university may award the title of docent upon application to a person who has comprehensive knowledge of his or her own field, a capacity for independent research or artistic work demonstrated through publications or in some other manner, and good teaching skills.

According to section 9(8) of the University Regulations of the University of Eastern Finland, the Faculty Council shall decide on awarding the title of docent.

By decision of 14 December 2023, the Dean of the Faculty of Science, Forestry and Technology appointed Professor Stefan Debener



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

(Department of Psychology, University of Oldenburg, Germany) and Professor Poul Jennum (The Neuroscience Centre, University of Copenhagen, Denmark) to issue their expert statements on the scientific competence of PhD Sami Nikkonen in the field of medical physics and computer science in sleep medicine. Professor Debener and Professor Jennum have stated that PhD Sami Nikkonen is scientifically qualified in the field that his title of docent application concerns. The statements of the experts are enclosed with this agenda item as appendices.

A person to be awarded the title of docent is required to have good teaching skills (Universities Act 558/2009, section 89). The Faculty Council will decide on the trial lecture to be given by PhD Nikkonen in agenda item 3.

## Motion

The Faculty Council states that PhD Sami Nikkonen meets the criteria set out in the Universities Act for the title of docent and grants him the title of docent at the University of Eastern Finland in medical physics and computer science in sleep medicine, as of 1 March 2024.

## **Decision**

The Faculty Council discussed the matter and decided to request that the person concerned specify the field of the docentship and that the experts previously appointed be requested to confirm their opinion on the scientific competence of the applicant in order to award them the tile of docent in the specified field.



Appendix 4

Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

11 (36)

## **Appendices**

Sami Nikkonen's application for the title of docent Appendix 1 Appendices to Nikkonen's title of docent application Appendix 2 Expert statement by Stefan Debener Appendix 3 Expert statement by Poul Jennum



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

12 (36)

Record entry 4241/01.01.03/2023

Prepared by Arja Hirvonen

§ 5

The Dean's proposal on the person to be appointed as a university teacher/university lecturer in wood science. Hearing of the Faculty Council

According to section 9 of the University Regulations of the University of Eastern Finland, the Faculty Council will discuss proposals regarding the scope and specifications of posts that comply with the four-stage career model of the faculty's permanent teaching and research staff and Tenure Track positions. The Faculty Council of the Faculty of Science, Forestry and Technology approved the specifications of the post of a university teacher/university lecturer in wood science on 23 November 2023.

The post will be hosted by the School of Forest Sciences at the Faculty of Science, Forestry and Technology on the Joensuu campus.

An open call for applications was organised for the post. By the deadline of 29 December 2023, applications were submitted by Harri Kiviranta, Suvi Kuittinen, Joona Lampela, Katri Luostarinen, Juhani Marttila and Nikolaos Papamatthaiakis.

The evaluation committee was chaired by Head of the School of Forest Sciences Jukka Tikkanen and the members included Professor Jouni Pykäläinen and Associate Professor Tuomas Aakala.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

The evaluation committee proposes in the summary of its selection memorandum that PhD Suvi Kuittinen be appointed to the vacant post as from 1 March 2024 under the title of University Lecturer until further notice. The evaluation committee proposes that PhD Suvi Kuittinen be exempted from the requirement to give a trial lecture on the grounds that she has sufficient experience in university-level teaching and extensive practical knowledge in the field of instruction.

The memorandum of the evaluation committee and Kuittinen's CV, teaching portfolio, and list of publications are enclosed with the agenda item as appendices.

Persons to be appointed as University Lecturers must hold a suitable doctoral degree and have good teaching skills (University Regulations, section 31). The person to be appointed to the position is expected to be fluent in Finnish and be able to also teach in English where required.

The Dean of the faculty has exempted PhD Suvi Kuittinen from the requirement to give a trial lecture on the grounds that she has sufficient practical experience in university level teaching at the University of Eastern Finland and, therefore, the good teaching skills required by the post of a university lecturer have been demonstrated.

PhD Suvi Kuittinen meets the qualification requirements of a university lecturer, as referred to in the UEF University Regulations, and the prerequisites laid down in the specifications of the post.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 14 (36)

The Dean of the faculty proposes to the Academic Rector that PhD Suvi Kuittinen be appointed to the post of University Lecturer, Wood Science, from 1 March 2024 onwards or as agreed.

**Motion** The Faculty Council will address the proposal for the person to be

appointed to the position.

**Decision** As proposed.

## **Appendices**

Appendix 5 Selection memorandum, wood science

Appendix 6 Suvi Kuittinen's CV

Appendix 7 Suvi Kuittinen's teaching portfolio

Appendix 8 Suvi Kuittinen's list of publications



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

15 (36)

Record entry 637/01.01.02/2024

Prepared by Arja Hirvonen

§ 6

A post of Professor/Associate Professor of Sustainable Chemical Engineering (Tenure Track), description of the post. Hearing of the Faculty Council

According to section 9 of the University Regulations of the University of Eastern Finland, the Faculty Council will discuss proposals regarding the scope and specifications of posts that comply with the four-stage career model of the faculty's permanent teaching and research staff and Tenure Track positions.

The post of Professor/Associate Professor of Sustainable Chemical Engineering will be filled by using donated funds. The post is hosted by the Department of Chemistry at the Faculty of Science, Forestry and Technology.

According to the University Regulations of the University of Eastern Finland, a person to be appointed to a professorship shall be scientifically or artistically qualified, have good teaching skills and, if important for attending to the duties, have practical familiarity with the field of the post.

According to the University Regulations of the University of Eastern Finland, a person to be appointed as an associate professor in the tenure track shall hold a suitable doctoral degree and have good teaching skills.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 16 (36)

Furthermore, the person shall have the prerequisites to fulfil the qualification requirements of a professor by the end of the tenure track term.

The post of Professor will be filled with an open-ended contract as from 1 August 2024. If the post is filled as an Associate Professor (Tenure Track) post, it will be filled for a four-year term as from 1 August 2024. The criteria, goals and results to be achieved during the term in order to proceed to the next level of the Tenure Track (Professor) will be agreed upon in detail with the person appointed to the Associate Professor position when the contract of employment is signed.

The description of the post of Professor/Associate Professor of Sustainable Chemical Engineering (Tenure Track) (Appendix) includes the scope and specifications of the post as required by the UEF University Regulations.

Motion T

The Faculty Council will discuss the description of the post.

**Decision** 

As proposed.

**Appendices** 

Appendix 9 Description of the post Sustainable Chemical

Engineering



Faculty Council of the Faculty of Science, Forestry and Technology
Meeting No 2/2024
Meeting date 22 February 2024

17 (36)

Record entry 633/01.01.03/2024

Prepared by Arja Hirvonen

§ 7

The scope and specifications of the post of University Lecturer in Computer Science that will become vacant at the Faculty. Hearing of the Faculty Council

In accordance with the human resources plan of the School of Computing, preparations are made to open a call for applications to the post of University Lecturer in computer science. The post is intended to be filled with an open-ended contract as from 1 June 2024 on the Kuopio campus.

The description of the post is as follows:

The field of teaching and research of the University Lecturer is Computer Science. The duties of the University Lecturer include the planning and implementation of training related to system development, in particular software testing and/or cyber security. The University Lecturer will participate in the planning and implementation of training provided in English (Bachelor level education provided in computer science and information technology). The duties also include the opportunity to participate in scientific research and development projects, as well as in brainstorming related to and the preparation of research projects. The university lecturer participates in evaluating and developing education in the field, continuous learning, and the use of learning environments and methods in education. The language of instruction in the post is English.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 18 (36)

According to section 11 of the University Regulations of the University of Eastern Finland, the Faculty Council will discuss proposals regarding the scope and specifications of posts that comply with the four-stage career model of the faculty's permanent and Tenure Track positions.

Motion

The Faculty Council will discuss the scope and specifications of the post of University Lecturer, Computer Science, that will become vacant at the faculty.

**Decision** 

As proposed.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

19 (36)

Record entry 634/01.01.03/2024

Prepared by Arja Hirvonen

§ 8

The scope and specifications of the post of University Teacher/University Lecturer in Modern measurement techniques and systems that will become vacant at the Faculty. Hearing of the Faculty Council

The faculty has received development funding for technical education from the Regional Council. As prepared by the faculty and the Department of Technical Physics, preparations are made to open a call for applications to the post of university teacher/university lecturer. The post is intended to be filled with an open-ended contract as from 1 June 2024.

## Description of the post:

The field of teaching and research of the University Teacher/University
Lecturer is modern measurement techniques and systems. The duties
include the planning, implementation and development of technology
teaching in cooperation with faculty teachers and researchers. In the
planning phase of the education (2024–26), in particular, the key tasks
include building a cooperation network in the field of technology and a
working life connection between the University of Eastern Finland and
business life. At this stage, it is also key that collaboration in education is
planned together with companies and the university of applied sciences, a
network of internship placements is established, students are integrated



Faculty Council of the Faculty of Science, Forestry and Technology
Meeting No 2/2024
Meeting date 22 February 2024

20 (36)

into the region, and a material bank and practices are planned. In the implementation phase of the education, the emphasis will be on teaching and supervisory duties and curriculum work in accordance with the degree programme in technical physics. The teaching and supervisory duties focus especially on electronics and measurement techniques and systems. The duties also include participation in scientific postgraduate education. In addition, the person appointed to the post will be given the opportunity to participate in scientific research and development projects, as well as in brainstorming related to and the preparation of research projects. The university teacher/university lecturer participates in evaluating and developing education in the field and continuous learning, as well as the use of learning environments and methods in education.

According to section 11 of the University Regulations of the University of Eastern Finland, the Faculty Council will discuss proposals regarding the scope and specifications of posts that comply with the four-stage career model of the faculty's permanent and Tenure Track positions.

**Motion** 

The Faculty Council will address the scope and specifications of the post of a university teacher/university lecturer in Modern measurement techniques and systems that will become vacant at the faculty.

**Decision** 

As proposed.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 21 (36)

Record entry 597/03.01.00/2024

Prepared by Maarit Merimaa-Piirainen

§ 9

Deciding on the criteria for supplementary admissions to Bachelor's and Master's level education for 2024

According to section 9(4) of the University Regulations of the University of Eastern Finland, the Faculty Committee will make decisions concerning student admission criteria.

Motion

The Faculty Committee verifies the criteria for supplementary admissions to study programmes (Bachelor's and Master's level education) for 2024 in accordance with the appendices and delegates any technical modifications that may be required to the Dean.

Supplementary admissions will be organised to the proposed programmes, unless all available places on the programme are filled in the spring 2024 joint application. The supplementary admission round is part of the separate selection process of the University of Eastern Finland.

**Decision** 

As proposed.

**Appendices** 

Appendix 10 Student admission criteria 2024, supplementary

admissions, Photonics



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

22 (36)

Appendix 11	Student admission criteria 2024, supplementary
	admissions, Sustainable Technologies
Appendix 12	Student admission criteria 2024, supplementary
	admissions, Technical Physics
Appendix 13	Student admission criteria 2024, supplementary
	admissions, Chemistry
Appendix 14	Student admission criteria 2024, supplementary
	admissions, Mathematics
Appendix 15	Student admission criteria 2024, supplementary
	admissions, Computer Science, Joensuu and Kuopio
Appendix 16	Student admission criteria 2024, supplementary
	admissions, Business Economics and Computer
	Science, MSc (Econ. & Bus.Adm.) and MSc



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 23 (36)

Record entry No 598/03.00.01/2024

Prepared by Maarit Merimaa-Piirainen

§ 10

Confirming the curricula and amendments to the curricula for Bachelor's and Master's degree programmes for the academic year 2024-2025

According to section 9(4) of the UEF Regulations, the Faculty Council shall decide, among others, on curricula. According to section 18 of the Education Regulations, the curriculum of each degree programme must indicate, among other things, the structure (including the courses and their scope) and requirements of the degree, and the desired learning outcomes and course descriptions of the degree and its parts, a plan for the supervision of major and minor students, and regulations applied to studies and degrees including evaluation methods and modes of teaching.

Motion

The Faculty Council will confirm the curricula and amendments to the curricula for Bachelor's and Master's degree programmes for the academic year 2024-2025 in accordance with the Appendices.

**Decision** 

As proposed.

## **Appendices**

Appendix 17	Biology curricula 2024-2025
Appendix 18	Physics curricula 2024-2025
Appendix 19	Chemistry curricula 2024-2025
Appendix 20	Sustainable Technologies curricula 2024-2025



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

24 (36)

Appendix 21	Mathematics curricula 2024-2025
Appendix 22	Forest sciences curricula 2024-2025
Appendix 23	Technical Physics curricula 2024-2025
Appendix 24	School of Computer Science, amendments to
	curricula 2024–2025
Appendix 25	Environmental Science curricula 2024-2025



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 25 (36)

Record entry No 599/03.00.01/2024

Prepared by Maarit Merimaa-Piirainen

§ 11

# Bachelor's and Master's level courses available to exchange students for the academic year 2024-2025

According to section 9(4) of the UEF Regulations, the Faculty Council shall decide, among others, on curricula. According to section 18 of Education Regulations of the University of Eastern Finland, the curriculum of each degree programme must indicate, among others, the degree structure (including courses and their scope).

## Motion

The Faculty Council will confirm the Bachelor's and Master's level courses that will be offered to exchange students for the academic year 2024-2025 in accordance with the Appendices.

## **Decision** As proposed.

## **Appendices**

Appendix 26	Biology Courses for Exchange Students 2024-2025
Appendix 27	Computer Sciences Courses for Exchange Students
	2024-2025
Appendix 28	Environmental Science Courses for Exchange
	Students 2024-2025
Appendix 29	Forest Sciences Courses for Exchange Students
	2024-2025



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 26 (36)

Appendix 30 Physics and Mathematics Courses for Exchange

Students 2024-2025

Appendix 31 Technical Physics Courses for Exchange Students

2024-2025

Appendix 32 Chemistry Courses for Exchange Students 2024



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

27 (36)

Record entry No 628/03.00.01/2024

Prepared by Kaisa Laitinen

#### § 12

## Confirming the curriculum for doctoral education for the academic year 2024-2025

According to section 9(4) of the UEF Regulations, the Faculty Council shall decide, among others, on curricula. According to section 18 of the Education Regulations of the University of Eastern Finland, the curriculum of each degree programme must indicate, among others, the structure (including the courses and their scope) and requirements of the degree, and the desired learning outcomes, contents, evaluation methods and modes of teaching of the degree and its parts.

## Motion

The Faculty Council will confirm the curriculum for the doctoral programme in Science, Forestry and Technology (Lumeto) for the academic year 2024-2025 in accordance with the appendix.

## **Decision**

The matter was returned to preparation. After the meeting, the faculty became aware of aspects that affect the matter and need to be outlined at university level later.

## **Appendices**

Appendix 33 Degree requirements Lumeto 2024



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 28 (36)

Record entry 86/03.04.09/2024

Prepared by Kaisa Laitinen

§ 13

# Grading MSc Mahboubeh Kafili's doctoral dissertation in the field of Environmental Science

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 18 of the standing orders of the Faculty of Science, Forestry and Technology on degrees and studies, doctoral dissertations are graded on the scale pass – pass with distinction.

MSc Mahboubeh Kafili's doctoral dissertation and study <u>Utilization of biomaterials for wastewater treatment and biofuel production</u> was examined publicly on 15 January 2024. The opponent, Professor Mehdi Khiadani (School of Engineering, Edith Cowan University, Australia) is in favour of the dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes the grade Pass.

According to section 44 of the Universities Act (24.7.2009/558), before a doctoral dissertation is graded, the author must be given an opportunity to submit his or her response to the preliminary examiner's, the examiner's or the opponent's statement. The doctoral candidate has no comments on the doctoral statement, which is enclosed with this agenda item as an appendix.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 29 (36)

According to section 29 of the Universities Act (24.7.2009/558), a study attainment may be assessed only by those members or deputy members of a multi-member administrative body who have a degree or completed study attainments of an equivalent level or who have been appointed professors.

Motion

Based on the statement, the Faculty Council grades MSc Mahboubeh Kafili's doctoral dissertation as Pass.

**Decision** 

As proposed.

**Appendices** 

Appendix 34 Statement by opponent Mehdi Khiadani



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 30 (36)

Record entry 86/03.04.09/2024

Prepared by Kaisa Laitinen

§ 14

## **Grading MSc Matias Rusanen's doctoral dissertation in the field of Applied Physics**

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 18 of the standing orders of the Faculty of Science, Forestry and Technology on degrees and studies, doctoral dissertations are graded on the scale pass – pass with distinction.

MSc Matias Rusanen's doctoral dissertation and study <u>Self-applied</u> electroencephalography sensor techniques for home-based sleep recordings was examined publicly on 19 January 2024. The opponent, Senior Researcher Daniel Álvarez (Department of Signal Theory and Communications and Telematics Engineering, University of Valladolid, Spain) is in favour of the dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes a grade Pass with distinction. The preliminary examiners of the dissertation, Professor Walter Karlen (Institute of Biomedical Engineering, Ulm University, Germany) and Professor Christoph Schöbel (Universitätsmedizin Essen, West German Lung Centre, Ruhrlandklinik, Germany), agree with the grade proposed by the opponent.

According to section 44 of the Universities Act (24.7.2009/558), before a doctoral dissertation is graded, the author must be given an opportunity



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 31 (36)

to submit his or her response to the preliminary examiner's, the examiner's or the opponent's statement. The doctoral candidate has no comments on the statements of the opponent and the preliminary examiners, which are enclosed with this agenda item as appendices.

According to section 29 of the Universities Act (24.7.2009/558), a study attainment may be assessed only by those members or deputy members of a multi-member administrative body who have a degree or completed study attainments of an equivalent level or who have been appointed professors.

Motion

Based on the statements, the Faculty Council grades MSc Matias Rusanen's doctoral dissertation as Pass with distinction.

**Decision** 

As proposed.

## **Appendices**

Appendix 35 Statement by opponent Daniel Álvarez

Appendix 36 The opinion of preliminary examiner Walter Karlen

on the proposed grade

Appendix 37 The opinion of preliminary examiner Christoph

Schöbel on the proposed grade





Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

Dnro 86/03.04.09/2024

Prepared by Kaisa Laitinen

§ 15

## Grading MSc Tanja Turunen's doctoral dissertation in the field of Biology

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 18 of the standing orders of the Faculty of Science, Forestry and Technology on degrees and studies, doctoral dissertations are graded on the scale pass – pass with distinction.

MSc Tanja Turunen's doctoral dissertation and study <u>Insights into the</u> sperm function in different microenvironments on its journey to the oocyte was examined publicly on 2 February 2024. The opponent, Professor Andres Salumets (Department of Clinical Science, Intervention and Technology, Karolinska Institutet, Sweden) is in favour of the dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes the grade Pass with distinction. The preliminary examiners of the dissertation, Professor Jorma Toppari (Institute of Biomedicine, University of Turku) and Assistant Professor Renata Prunskaite-Hyyryläinen (Protein and Structural Biology Research Unit, University of Oulu) disagree with the grade proposed by the opponent.

According to section 44 of the Universities Act (24.7.2009/558), before a doctoral dissertation is graded, the author must be given an opportunity to submit his or her response to the preliminary examiner's, the



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 33 (36)

examiner's or the opponent's statement. The doctoral candidate has no comments on the statements of the opponent and the preliminary examiners, which are enclosed with this agenda item as appendices.

According to section 29 of the Universities Act (24.7.2009/558), a study attainment may be assessed only by those members or deputy members of a multi-member administrative body who have a degree or completed study attainments of an equivalent level or who have been appointed professors.

Motion

Based on the statements, the Faculty Council grades MSc Tanja Turunen's doctoral dissertation as Pass.

**Decision** 

As proposed.

## **Appendices**

Appendix 38	Statement of the opponent Andres Salumets
Appendix 39	The opinion of preliminary examiner Jorma Toppari
	on the proposed grade Pass with distinction
Appendix 40	The opinion of preliminary examiner Renate
	Prunskaite-Hyyryläinen on the proposed grade Pass
	with distinction



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024 34 (36)

## § 16

## For information

The faculty's degree statistics dated 13 February 2024 (all degrees completed in 2023) (Annex)

The doctoral dissertation overview of the faculty dated 15 February 2024; those with permission to defend their dissertation in a public examination in yellow, and those who have started their dissertation in blue (appendix)

Topical faculty matters.

**Motion** Marked for information.

**Decision** As proposed.

**Appendices** 

Appendix 38 Degree Statistics 13 February 2024

Appendix 39 Doctoral dissertation overview 15 February 2024



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

35 (36)

## § 17

# Closing of the meeting

The chair closed the meeting at 15.10.



Faculty Council of the Faculty of Science, Forestry and Technology Meeting No 2/2024 Meeting date 22 February 2024

36 (36)

## § 18

# Translation of the agenda/minutes

The English translation of the agenda/minutes of the meeting is attached to the agenda item.