

Agenda

Faculty Council of the Faculty of Science, Forestry and
Technology

Meeting No 2/2025

Meeting date 18 February 2025

1 (23)

Date and time 18 February 2025 at 13:00 -

Place

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



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Kopra Juho	Other staff, deputy member
Pohjoismäki Jaakko	Other staff, member
Asikainen Mervi	Other staff, deputy member
Vainikainen Hanne	Other staff, member
Kumlin Timo	Other staff, deputy member
Merruntaus Kati	Student, member
Ahtonen Tiina	Student, deputy member
Palkovuori Teemu	Student, member
Törö Teemu	Student, deputy member
Partanen Silja	Student, member
Miettinen Mikko	Student, deputy member
Jankova Simona	Student, member
Rautiainen Kaisa	Student, deputy member
Helvelahti Tomi	Student, member
Sheng Li	Student, deputy member
Hirvonen Arja	Executive Head of Administration, secretary, preparer
Other preparers	
Merimaa-Piirainen Maarit	Head of Academic Affairs
Riikka Levänen	
Niina Laatikainen	

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1

Opening of the meeting

The chair will open the meeting.

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2

Legitimacy and presence of a quorum

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

The meeting notice was sent on 11 February 2025.

According to the UEF University Regulations, multi-member administrative bodies 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 body 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

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Record entry 6446/01.01.04/2024

Prepared by Arja Hirvonen

3

Hearing of the Faculty Council of the Faculty of Science, Forestry and Technology on the election of the Dean

In accordance with section 14(3) of the Universities Act, the board is charged with hiring the managerial staff working directly under the rector, unless the board has devolved the task to another body of the university.

According to section 10 of the UEF University Regulations, *"The Board shall, at the proposal of the Rector and after the Rector has heard the opinion of the Faculty Council, appoint the Dean for the term of office of the Faculty Council.* The Dean is required to hold or to have held a permanent or a fixed-term (min. five years) post of professor or research professor, which is related to the faculty's fields of education and research.

The duties of the Dean are described in section 10 of the UEF University Regulations.

By the deadline of 30 January 2025, two (2) applications were received for the post of Dean of the Faculty of Science, Forestry and Technology for the term of office from 1 January 2026 to 31 December 2029. The applicants in alphabetical order: Vice Dean, Professor, PhD Markku Hauta-Kasari and Dean, Professor, DSc (Tech.) Kari Lehtinen.

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Documents of the applicants will be available to the Faculty Council starting on 11 February 2025.

Rector Tapio Määttä will participate in the Faculty Council meeting during the addressing of this agenda item. The purpose is to discuss the Faculty Council's views on the Dean's duties and the management of the faculty, as well as the Faculty Council's views on the applicants to the post of Dean.

Motion

The Rector will hear the Faculty Council on the election of the Dean.

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Record entry 238/00.02.00/2025

Prepared by Arja Hirvonen

4

The number of members in the Faculty Council and the number of persons representing different groups as from 1 January 2026

The term of office of the current Faculty Councils will end on 31 December 2025. Elections of, e.g., the new members of the Faculty Councils will be held in autumn 2025.

By letter dated 3 February 2025, the Director of Administration of the University requested the Faculty Councils to propose the number of members in the Faculty Councils starting on 1 January 2026 and the number of persons representing different groups. The letter of the Director of Administration is enclosed with the agenda item as an Annex. The UEF Board will make a decision on the matter at its meeting of 28 March 2025.

In accordance with section 9(1) of the UEF University Regulations, the Faculty Council is the multi-member administrative body referred to in the Universities Act which, by decision of the Board, may consist of a maximum of 16 members and an equal number of personal deputy members. The current composition of the Faculty of Science, Forestry and Technology is 15 members (5 professors, 5 representatives of other staff and 5 students) and 15 personal deputies.



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Motion

The Faculty Council will discuss and decide on its proposal to the UEF Board concerning the number of Faculty Council members and the number of persons representing different groups as from 1 January 2026.

Decision

Annexes

Annex 1 Request to submit proposals on the number of Faculty Council members and the number of persons representing different groups

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10 (23)

Record entry 183/01.08.00/2025

Prepared by Arja Hirvonen

5

Granting the title of docent to PhD Mathias Baumert in the field of Biomedical Engineering in Sleep, Brain, and Heart Health

PhD Mathias Baumert has applied for the title of docent in the field of Biomedical Engineering in Sleep, Brain, and Heart Health at the Department of Technical Physics of the Faculty of Science, Forestry and Technology of the University of Eastern Finland. PhD Baumert's application and related attachments are enclosed with the agenda item as Annexes.

Professor Ville Kolehmainen, Deputy Head of the Department of Technical Physics, supported PhD Baumert's application for the title of docent in his statement dated 21 January 2025 (Annex).

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.

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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.

According to [the Faculty's guidelines of 25 June 2024 \(page 3\)](#), a statement shall be requested, where required, on the applicant's scientific qualification from two external experts. PhD Mathias Baumert's application lists his merits as an independent researcher and shows that he has established his own line of research. Research in the field of the present docentship has been systematic and is still active. This is demonstrated, e.g., by the applicant's contribution to the key journals that are relevant to the present docentship. Based on PhD Baumert's scientific merits, the Dean decided on 28 January 2025 that an external evaluation procedure is not required to verify his scientific qualification.

A person to be awarded the title of docent is required to have good teaching skills (Universities Act 558/2009, section 89). The Dean may exempt the applicant from the requirement to give a trial lecture, provided that the applicant's teaching skills have been verified earlier. Based on the information contained in PhD Mathias Baumert's application for the title of docent, he has since 2012 and continues to have diverse experience of university-level teaching and supervision and demonstrated achievements in teaching planning. On the basis of the above, the Dean decided on 28 January 2025 that PhD Baumert does not need to give a trial lecture for the title of docent he has applied for.



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Motion

The Faculty Council states that PhD Mathias Baumert 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 Biomedical Engineering in Sleep, Brain, and Heart Health, as of 1 March 2025.

Decision

Annexes

- | | |
|---------|---|
| Annex 2 | Application by Mathias Baumert with attachments |
| Annex 3 | Statement of the department, Baumert |
| Annex 4 | Decision of the Dean |

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Record entry 60/03.04.09/2025

Prepared by Riikka Levänen

6

Grading MSc Lewis Asilev's doctoral dissertation in the field of Physics

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 32 of the Education Regulations, dissertations are graded on the scale pass with distinction, pass, and fail.

MSc Lewis Asilev's doctoral dissertation and study [Dielectric electromagnetic surface waves in space and time: From theory and simulations to experiments](#) was examined publicly on 24 January 2025. The opponent, Senior University Lecturer Andriy Shevchenko (Department of Applied Physics, Aalto University), 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 Annex.



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Record entry 60/03.04.09/2025

Prepared by Riikka Levänen

7

Grading MSc Isaac Doughan's doctoral dissertation in the field of Physics

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 32 of the Education Regulations, dissertations are graded on the scale pass with distinction, pass, and fail.

MSc Isaac Doughan's doctoral dissertation and study [Refractive index sensors using hybrid waveguides: Design, fabrication, and characterization](#), was examined publicly on 17 January 2025. The opponent, Professor Mircea Guina (Physics Unit, University of Tampere) 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 Annex.



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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 Isaac Doughan's doctoral dissertation as Pass.

Decision

Annexes

Annex 6 Statement by Mircea Guina, opponent

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Record entry 60/03.04.09/2025

Prepared by Riikka Levänen

8

Grading MSc Emilia Happonen'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 32 of the Education Regulations, dissertations are graded on the scale pass with distinction, pass, and fail.

MSc Emilia Happonen's doctoral dissertation and study [Photothermal therapy with black porous silicon nanoparticles for targeted cancer treatment](#) was examined publicly on 31 January 2025. The opponent, Associate Professor van Rijt (Department of Instructive Biomaterials Engineering, Maastricht University, the Netherlands) 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 Annex.



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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 Emilia Happonen's doctoral dissertation as Pass.

Decision

Annexes

Annex 7 Statement by the opponent Sabine van Rijt

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Record entry No 261/03.00.01/2025

Prepared by Maarit Merimaa-Piirainen

9

Approving the curricula and amendments to the curricula for Bachelor's and Master's degree education for the academic years 2025–2028 and confirming the courses offered to exchange students in the academic year 2025–2026

According to section 9(6) 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.

In addition, departments and schools have prepared proposals on courses to be offered to exchange students in the academic year 2025-2026. The proposals are included in the curricula of each department/school.

Motion

The Faculty Council approves the curricula and amendments to curricula for Bachelor's and Master's degree education for the academic year 2025–2025 in accordance with the Annexes and confirms the courses offered to exchange students in the academic year 2025–2025 as proposed.



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Annex 9	Physics and photonics curriculum summary 2025-2028
Annex 10	Mathematics curriculum summary 2025–2028
Annex 11	Chemistry curriculum summary 2025–2028
Annex 12	Sustainable Technologies curriculum summary 2025- 2028
Annex 13	Technical Physics curriculum summary 2025-2028
Annex 14	Computer Science curriculum summary 2025–2028
Annex 15	Environmental and Biological Sciences curriculum summary 2025–2028

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For information

Statistics on the faculty's Bachelor's, Master's and Doctoral degrees on 31
December 2024 (Appendix)

Topical faculty matters.

Motion Marked for information.

Decision

Annexes

Annex 16 Faculty Degree Statistics of the Faculty of Science,
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Closing of the meeting

The chair will close the meeting.



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Translation of the agenda/minutes

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