

POSTGRADUATE STUDIES IN NURSING SCIENCE AND RESEARCH SEMINARS 30–38 ECTS

The doctoral candidate has to complete discipline-specific studies i.e. postgraduate studies in nursing science and research seminars the minimum amount of 30 credits. Postgraduate studies altogether must form 60 credits including postgraduate studies in nursing science, research seminars and studies related to the research field. E.g. If the doctoral candidate completes 30 credits of postgraduate studies in nursing science and research seminars, s/he has to complete 30 credits of studies related to the research field. The doctoral candidate may gather discipline-specific studies from the **alternatives below or from other corresponding training**.

(credit = ECTS)

- Research seminars and supervision 0–10 credits
 - In order to apply 10 credits, regular attendance at the seminars is compulsory throughout the duration of the doctoral studies.
 - <http://www.utu.fi/en/units/med/units/hoitotiede/postgraduate/education/Pages/seminars.aspx>
- Scientific publishing
 - academic article which has been approved for publishing and is not part of a doctoral thesis 1-4 credits / max 4 credits
 - acting as a referee in an international journal which IF is defined, 1 credit/evaluation, max 3 credits. The supervisor will check the evaluation before sending.
- Scientific national and international conferences, max 8 credits
 - poster presented in a national conference 1 credit and oral presentation 2 credits
 - poster presented in an international conference 3 credits and oral presentation 4 credits
 - participation (without a presentation) in a congress 0,5 credits, max 1 credit
- Academic work, educational trips, methodology education and practical training as an expert in Finland or abroad, max 12 credits
 - the doctoral programme approves the credits based on the proposal of the supervisor
 - the doctoral candidate's employment relationship for preparing the doctoral thesis in his/her own unit cannot be regarded as a study attainment
 - During the practical training the doctoral candidate works as an expert in the field of her/his own educational background (e.g. ministry, research institute, private company), the doctoral candidate writes a report of the practical training period.
- Postgraduate and field specific national and international courses
 - credits according to the course programme and participation
- Doctoral programme-specific progress reports, max 2 credits
 - 0,5 credit/report
- Other doctoral programme-specific discipline studies
 - freely chosen doctoral programme-specific discipline studies
 - credits according to the course programme and participation

STUDIES RELATED TO THE RESEARCH FIELD, 22–30 ECTS

The doctoral candidate has to complete studies related to the research field the minimum amount of 22 credits including the obligatory Ethics of Academic research course (or equivalent) 2 credits. Postgraduate studies altogether must form 60 credits including postgraduate studies in nursing science, research seminars and studies related to the research field. E.g. If the doctoral candidate completes 22 credits of studies related to the research field, s/he has to complete 38 credits of postgraduate studies in nursing science and research seminars. The doctoral candidate may gather studies related to the research field from **the alternatives below or from other corresponding training.**

(credit = ECTS)

Ethics of Academic Research -course or equivalent (obligatory course), 2 ECTS

- Ethics of Academic Research -course (2 credits) or equivalent course approved by the Head of the Doctoral Programme in Nursing Science

(PGS_1405 Tilastolliset perusanalyysit SPSS-ohjelmistolla, 1 op)

(PGS_1568 Tilastollisten analyysien jatkokurssi SPSS-ohjelmistolla, 1 op)

(PGS_1730 Tilastolliset perusanalyysit JMP-ohjelmistolla, 1 op)

PGS_1374 Statistical thinking and performing basic analyses using JMP, 2–3 ECTS

(Tilastoklinikka, 0–3 op)

- <https://www.utu.fi/en/units/med/units/hoitotiede/postgraduate/education/Pages/doctoralcourses.aspx>

Literature reviews in health sciences, 0–3 ECTS

- <http://www.utu.fi/en/units/med/units/hoitotiede/postgraduate/education/Pages/doctoralcourses.aspx>

Clinical instruments for evaluating health (CIDI), 0–25 ECTS

- <http://www.utu.fi/en/units/med/units/hoitotiede/cidi/Pages/home.aspx>

(PGS_1396 Kliinisen tutkimustyön perusteet, 1–2 op)

KIEN3321 English: Advanced Academic Writing, 3 ECTS

KIEN3341 English Oral Presentation Skills, 3 ECTS

Other language courses

- other freely chosen language courses
- courses organised by the Language Center are for example:
 - KIEN3041 English: Academic Presentation Skills, 2 ECTS
 - KIEN3023 English: Academic Writing for Researchers, 2 ECTS
 - KIEN3024 Writing Grant Proposals, 2 ECTS
 - KIEN3025 Grammar for Academic Writing, 2 ECTS

Other studies related to the research field

- freely chosen studies related to the research field
- credits according to the course programme and participation

– **examples:**

- **general transferable skills; e.g. research ethics, management-, presentation-, interaction- and communication skills, teaching skills, entrepreneurship and project management skills**
- **teaching in the undergraduate or postgraduate study programme, max 8 credits**

Other methodology training

- freely chosen methodology training
- In addition to the Faculty of Medicine, postgraduate training (courses) suitable for a doctoral degree is organized by the University of Turku Graduate School (UTUGS) and other faculties. Also study attainments (courses, seminars) organized by other parties than the University of Turku (e.g. other universities, Open University, scientific associations) may be approved as general studies.