- TRANSFERABLE SKILLS (grouping module)
  - **PHD-997** GENERAL COMPETENCE STUDIES — 10 cr
    - SCIENTIFIC THINKING (- WHAT IS SCIENCE?) (grouping module)
      - **PHD-103** Philosophy of science — 1-5 cr
      - **PHD-104** HCAS Winter/Summer School — 3 cr
      - **PHD-151** Optional studies in scientific thinking 1 — 1-10 cr
      - **PHD-152** Optional studies in scientific thinking 2 — 1-10 cr
      - **PHD-153** Optional studies in scientific thinking 3 — 1-10 cr
      - **PHD-102** Academic rhetoric and argumentation — 1-5 cr
    - SCIENTIFIC COMMUNICATION AND SOCIETAL IMPACT (grouping module)
      - **PHD-201** Academic Pitching — 1-5 cr
      - **PHD-202** Academic Writing and Editing — 2 cr
      - **PHD-203** Conference presentation — 2 cr
      - **HEALTH-124** Facing the Final Frontier: Preparing the Doctoral Dissertation Book for Health Scientists — 1 cr
      - **PHD-205** Grant Writing I — 1 cr
      - **PHD-206** Grant Writing II — 2 cr
      - **PHD-207** Kirjoittamiskäytännöt: Luovuutta ja ideoita väitöskirjan kirjoitusprosessiin — 1 cr
      - **PHD-208** Luova tieteellinen kirjoittaminen — 1-5 cr

PHD-251 Optional studies in scientific communication and societal impact 1	1-10 cr
PHD-252 Optional studies in scientific communication and societal impact 2	1-10 cr
PHD-253 Optional studies in scientific communication and societal impact 3	1-10 cr
PHD-218 Popularisation of science	1-2 cr
PHD-204 Poster presentation and data visualisation	1-2 cr
PHD-209 Principles of Peer Review	1 cr
PHD-211 Principles of Scientific Writing for Health Scientists 2 - from proposal to paper	2 cr
PHD-210 Principles of Scientific Writing for Health Scientists	2 cr
PHD-212 Science in Society	5 cr
PHD-217 Storytelling for Health Scientists	3 cr
TIVI-Y911 Tiedeviestintä: Asiantuntijana digitaalisessa mediassa	5 cr
TIVI-Y912 Scientific journalism	5 cr
TIVI-Y913 Tiedeviestintä Tieteen popularisointi	5 cr
PHD-213 Tutkijan verkkokirjoittaminen	3 cr
PHD-214 Väittelijän vuorovaikutusosaaminen	2 cr
PHD-215 Writing Doctoral Research for Health Scientists	3 cr
PHD-216 Writing Journal Article in Twelve Weeks	5 cr
PVM-604 Communicating Science and Expertise	5 cr
PVM-V308 Science Communication	5 cr
SUKU-S330 Concept analysis and terminology work	5 cr
WORKING LIFE SKILLS (grouping module)	
HEALTH-114 Biomedical view to patenting	2 cr
PED511 UP1 Learning in Higher Education	5 cr
PED5121 UP 2.1 Constructive Alignment in Course Design	5 cr
PED5122 UP 2.2 Assessment of Learning and Giving Feedback	5 cr
PHD-101 PhD Career course	2 cr
PHD-303 Project management and leadership	2 cr
PHD-305 Biobusiness course	3 cr
PHD-306 Conference Organising	1-5 cr
PHD-307 Doctoral programme/school or university activities	1-2 cr
PHD-308 Mielekäs akateeminen työ	3 cr
PHD-309 Research funding	1-2 cr
PHD-310 Language studies supporting working life skills	1-5 cr
PHD-311 Ajanhallinnan haasteet muun työn ohessa väitöskirjaa tekeville	2 cr
PHD-351 Optional studies in professional development 1	1-10 cr
PHD-352 Optional studies in professional development 2	1-10 cr
PHD-353 Optional studies in professional development 3	1-10 cr
PHD-404 Industrial property rights	2 cr
PHD-503 Leading a creative expert organisation	1-5 cr
HEALTH-111 Optional courses: Management and Entrepreneurship	1-5 cr
RESPONSIBLE RESEARCH (grouping module)	
LIB-900 Information Management for Doctoral Researchers	1 cr
NEU-603 Laboratory animal science	1-5 cr
PHD-301 Open Science	1 cr
PHD-302 Introduction to Open Data Science	5 cr
PHD-405 Doctoral Education Base Camp	3 cr

- **PHD-406** Responsible Research and Innovation (RRI) 1 cr
- **PHD-451** Optional studies in responsible research 1 1-10 cr
- **PHD-452** Optional studies in responsible research 2 1-10 cr
- **PHD-453** Optional studies in responsible research 3 1-10 cr
- **SUST-001** Sustainability course 3 cr
- **TKT21018** Elements of AI: Introduction to AI 2 cr

OTHER GENERAL COMPETENCE STUDIES (grouping module)

PHD-103 Philosophy of science

PHD-103 Tieteen filosofia

PHD-103 Vetenskapsfilosofi

Abbreviation: Tieteen filosofia

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-5 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies

Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

DONAS-108 Philosophy of science

Health-119 Philosophy of Biological and Biomedical Sciences

Equivalences (free text field)

FI: DONAS-108, Health-119

SV: DONAS-108, Health-119
PHD-103
Vetenskapsfilosofi

EN: DONAS-108, Health-119
PHD-103
Philosophy of science

Learning outcomes

FI: The aim of the course is to deepen the student's understanding of what science is, why it has to work according to certain principles, and how this shows in the student's own research and/or the field of research. The student will acquire cognitive tools to reflect and evaluate their own work and the methodology used in it, as well as the adequacy of explanations, and they will understand the philosophical reasons behind the theory formation and methodological practices. The student will also learn to recognize and evaluate the normative choices embedded in the research, its aims and practices.

SV: The aim of the course is to deepen the student's understanding of what science is, why it has to work according to certain principles, and how this shows in the student's own research and/or the field of research. The student will acquire cognitive tools to reflect and evaluate their own work and the methodology used in it, as well as the adequacy of explanations, and they will understand the philosophical reasons behind the theory formation and methodological practices. The student will also learn to recognize and evaluate the normative choices embedded in the research, its aims and practices.

EN: The aim of the course is to deepen the student's understanding of what science is, why it has to work according to certain principles, and how this shows in the student's own research and/or the field of research. The student will acquire cognitive tools to reflect and evaluate their own work and the methodology used in it, as well as the adequacy of explanations, and they will understand the philosophical reasons behind the theory formation and methodological practices. The student will also learn to recognize and evaluate the normative choices embedded in the research, its aims and practices.

Content

FI: The course covers the basic issues in philosophy of science. Topics discussed include the general nature of scientificity; the relation between theories and observations; models; experiments; explanation; causality and causal reasoning; the social aspects of science; and research ethics.

SV: The course covers the basic issues in philosophy of science. Topics discussed include the general nature of scientificity; the relation between theories and observations; models; experiments; explanation; causality and causal reasoning; the social aspects of science; and research ethics.

EN: The course covers the basic issues in philosophy of science. Topics discussed include the general nature of scientificity; the relation between theories and observations; models; experiments; explanation; causality and causal reasoning; the social aspects of science; and research ethics.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

The course will be organised as a lecture course.

Assessment practices and criteria

Pass/fail, active participation and completion of the course assignments.

Learning activities and methods

Lectures, learning diary.

Target groups

Ddoctoral researchers.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

The course will be organised as a lecture course.

Assessment practices and criteria

Pass/fail, active participation and completion of the course assignments.

Learning activities and methods

Lectures, learning diary.

Target groups

Ddoctoral researchers.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

The course will be organised as a lecture course.

Assessment practices and criteria

Pass/fail, active participation and completion of the course assignments.

Learning activities and methods

Lectures, learning diary.

Target groups

Ddoctoral researchers.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-5 cr
Participation in teaching		1-5 cr

PHD-104 HCAS Winter/Summer School

PHD-104 Tutkijakollegiumin talvi/kesäkoulu

PHD-104 Forskarkollegiets vinter/sommarskola

Abbreviation: Tutkijakollegiumin talvi/kesäkoulu

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026

Credits	3 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	Kaisa Kaakinen, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-924 HCAS Winter School

Equivalences (free text field)

FI: HYMY-924

SV: HYMY-924
PHD-104
Forskarkollegiets vinter/sommarskola

EN: HYMY-924
PHD-104
HCAS Winter/Summer School

Learning outcomes

FI: The HCAS Winter School is an annual intensive course intended for doctoral candidates in the humanities and social sciences at the University of Helsinki. Each HCAS Winter School has a theme related to a specific aspect of academic research and career building. The participants of the Winter School have a chance to learn essential skills and practices related to academic research and to discuss their own work with more experienced researchers in an interdisciplinary and international setting.

SV: The HCAS Winter School is an annual intensive course intended for doctoral candidates in the humanities and social sciences at the University of Helsinki. Each HCAS Winter School has a theme related to a specific aspect of academic research and career building. The participants of the Winter School have a chance to learn essential skills and practices related to academic research and to discuss their own work with more experienced researchers in an interdisciplinary and international setting.

EN: The HCAS Winter School is an annual intensive course intended for doctoral candidates in the humanities and social sciences at the University of Helsinki. Each HCAS Winter School has a theme related to a specific aspect of academic research and career building. The participants of the Winter School have a chance to learn essential skills and practices related to academic research and to discuss their own work with more experienced researchers in an interdisciplinary and international setting.

Content

FI: The Winter School consists of plenaries and workshops. The workshops offer doctoral candidates the opportunity to receive personal feedback from Helsinki Collegium Fellows and from other participants of the course in a relaxed environment. In the thematic plenaries, current Collegium Fellows and experts from outside the Collegium share their knowledge of different facets of academic#writing and career building.

SV: The Winter School consists of plenaries and workshops. The workshops offer doctoral candidates the opportunity to receive personal feedback from Helsinki Collegium Fellows and from other participants of the course in a relaxed environment. In the thematic plenaries, current Collegium Fellows and experts from outside the Collegium share their knowledge of different facets of academic#writing and career building.

EN: The Winter School consists of plenaries and workshops. The workshops offer doctoral candidates the opportunity to receive personal feedback from Helsinki Collegium Fellows and from other participants of the course in a relaxed environment. In the thematic plenaries, current Collegium Fellows and experts from outside the Collegium share their knowledge of different facets of academic#writing and career building.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

Participation in the course, pre-assignment and assignments during the course

Assessment practices and criteria

PASS/FAIL.

Target groups

Doctoral researchers at the University of Helsinki (in the humanities and social sciences)

Teaching period when the course will be offered

Once a year

Recommended time or stage of studies for completion

Any phase of the PhD program

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

Participation in the course, pre-assignment and assignments during the course

Assessment practices and criteria

PASS/FAIL.

Target groups

Doctoral researchers at the University of Helsinki (in the humanities and social sciences)

Teaching period when the course will be offered

Once a year

Recommended time or stage of studies for completion

Any phase of the PhD program

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

Participation in the course, pre-assignment and assignments during the course

Assessment practices and criteria

PASS/FAIL.

Target groups

Doctoral researchers at the University of Helsinki (in the humanities and social sciences)

Teaching period when the course will be offered

Once a year

Recommended time or stage of studies for completion

Any phase of the PhD program

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		3 cr
Participation in teaching		3 cr

PHD-151 Optional studies in scientific thinking 1

PHD-151 Muita tieteellisen ajattelun opintoja 1

PHD-151 Andra studier i vetenskapligt tänkade 1

Abbreviation: Muita tieteellisen ajattelun opintoja 1

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies

Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences (free text field)

SV: PHD-151
Andra studier i vetenskapligt tänkade 1

EN: PHD-151
Optional studies in scientific thinking 1

Learning outcomes

FI: Optional courses or other studies that promote the skills and knowledge in the field of scientific thinking.

SV: Optional courses or other studies that promote the skills and knowledge in the field of scientific thinking.

EN: Optional courses or other studies that promote the skills and knowledge in the field of scientific thinking.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Philosophy of science
- Argumentation

SV: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Philosophy of science
- Argumentation

EN: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Philosophy of science
- Argumentation

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-152 Optional studies in scientific thinking 2

PHD-152 Muita tieteellisen ajattelun opintoja 2

PHD-152 Andra studier i vetenskapligt tänkade 2

Abbreviation: Muita tieteellisen ajattelun opintoja 2

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Finnish, Swedish
Grading scale	Pass-Fail
University	University of Helsinki

Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Social sciences Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Agriculture and forestry

Equivalences (free text field)

SV: PHD-152
Andra studier i vetenskapligt tänkade 2

EN: PHD-152
Optional studies in scientific thinking 2

Learning outcomes

FI: Optional courses or other studies that promote the skills and knowledge in the field of scientific thinking.

SV: Optional courses or other studies that promote the skills and knowledge in the field of scientific thinking.

EN: Optional courses or other studies that promote the skills and knowledge in the field of scientific thinking.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Philosophy of science
- Argumentation

SV: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Philosophy of science
- Argumentation

EN: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Philosophy of science
- Argumentation

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-153 Optional studies in scientific thinking 3

PHD-153 Muita tieteellisen ajattelun opintoja 3

PHD-153 Andra studier i vetenskapligt tänkade 3

Abbreviation: Muita tieteellisen ajattelun opintoja 3

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr

Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences (free text field)

SV: PHD-153
Andra studier i vetenskapligt tänkade 3

EN: PHD-153
Optional studies in scientific thinking 3

Learning outcomes

FI: Optional courses or other studies that promote the skills and knowledge in the field of scientific thinking.

SV: Optional courses or other studies that promote the skills and knowledge in the field of scientific thinking.

EN: Optional courses or other studies that promote the skills and knowledge in the field of scientific thinking.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Philosophy of science
- Argumentation

SV: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Philosophy of science
- Argumentation

EN: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Philosophy of science
- Argumentation

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-102 Academic rhetoric and argumentation

PHD-102 Academic rhetoric and argumentation

PHD-102 Academic rhetoric and argumentation

Abbreviation: Academic rhetoric and argumentation

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-5 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Prerequisites

FI:

Recommended prerequisites

Advanced level of English

SV:

Recommended prerequisites

Advanced level of English

EN:

Recommended prerequisites

Advanced level of English

Equivalences to other studies

DONAS-118 Academic Rhetoric and Argumentation

Health-100 Academic Rhetoric and Argumentation

YEB-122 Academic Rhetoric and Argumentation

Equivalences (free text field)

FI: DONAS-118, Health-100, YEB-122

SV: DONAS-118, Health-100, YEB-122
PHD-102

Academic rhetoric and argumentation

EN: DONAS-118, Health-100, YEB-122
PHD-102

Academic rhetoric and argumentation

Learning outcomes

FI: The course participants will

- Master an understanding of the various methods, types and aims if argumentation used in academic and professional texts
- Master an understanding of how to adjust one's approach to argumentation depending upon rhetorical contexts and research findings
- Improve the logical reasoning of their research findings and results through the appropriate application of rhetoric
- Become more confident and comfortable engaging in oral discussions and defences of one's research.

SV: The course participants will

- Master an understanding of the various methods, types and aims if argumentation used in academic and professional texts
- Master an understanding of how to adjust one's approach to argumentation depending upon rhetorical contexts and research findings
- Improve the logical reasoning of their research findings and results through the appropriate application of rhetoric
- Become more confident and comfortable engaging in oral discussions and defences of one's research.

EN: The course participants will

- Master an understanding of the various methods, types and aims if argumentation used in academic and professional texts
- Master an understanding of how to adjust one's approach to argumentation depending upon rhetorical contexts and research findings
- Improve the logical reasoning of their research findings and results through the appropriate application of rhetoric
- Become more confident and comfortable engaging in oral discussions and defences of one's research.

Content

FI: A key component to academic success is the ability to logically and soundly present one's ideas (vis-a-vis research project proposals) and research findings (vis-a-vis academic publications). Thus, an understanding of how to formulate research questions, objectives, methods and results based on existing evidence and theoretical knowledge is necessary for any academic or research professional.
In this course, we will focus on:

- How to formulate research questions, objectives and aims
- How to present evidence-informed arguments
- How to reason and argue for a particular point of view in relation to one's research
- Gaining confidence in oral discussions and defences of one's own research

These principles will be then be applied to the development of academic manuscripts as well as conference / oral presentations.

SV: A key component to academic success is the ability to logically and soundly present one's ideas (vis-a-vis research project proposals) and research findings (vis-a-vis academic publications). Thus, an understanding of how to formulate research questions, objectives, methods and results based on existing evidence and theoretical knowledge is necessary for any academic or research professional.
In this course, we will focus on:

- How to formulate research questions, objectives and aims
- How to present evidence-informed arguments
- How to reason and argue for a particular point of view in relation to one's research
- Gaining confidence in oral discussions and defences of one's own research

These principles will be then be applied to the development of academic manuscripts as well as conference / oral presentations.

EN: A key component to academic success is the ability to logically and soundly present one's ideas (vis-a-vis research project proposals) and research findings (vis-a-vis academic publications). Thus, an understanding of how to formulate research questions, objectives, methods and results based on existing evidence and theoretical knowledge is necessary for any academic or research professional.
In this course, we will focus on:

- How to formulate research questions, objectives and aims
- How to present evidence-informed arguments
- How to reason and argue for a particular point of view in relation to one's research
- Gaining confidence in oral discussions and defences of one's own research

These principles will be then be applied to the development of academic manuscripts as well as conference / oral presentations.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Attandance in the remote lessons is required; the teacher will email more information before the course starts

Please check the specific course you are planning to take, which of the above options applies.

100% attendance required

Assessment practices and criteria

Pass/fail, 100% attendance required

Learning activities and methods

In-class lectures and discussions are supplemented by individual and group work, writing exercises and short in-class oral presentations of course participants' research projects.

Target groups

Doctoral researchers.

Recommended time or stage of studies for completion

Recommended completion after the first year of doctoral studies.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Attandance in the remote lessons is required; the teacher will email more information before the course starts

Please check the specific course you are planning to take, which of the above options applies.

100% attendance required

Assessment practices and criteria

Pass/fail, 100% attendance required

Learning activities and methods

In-class lectures and discussions are supplemented by individual and group work, writing exercises and short in-class oral presentations of course participants' research projects.

Target groups

Doctoral researchers.

Recommended time or stage of studies for completion

Recommended completion after the first year of doctoral studies.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

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Please check the specific course you are planning to take, which of the above options applies.

100% attendance required

Assessment practices and criteria

Pass/fail, 100% attendance required

Learning activities and methods

In-class lectures and discussions are supplemented by individual and group work, writing exercises and short in-class oral presentations of course participants' research projects.

Target groups

Doctoral researchers.

Recommended time or stage of studies for completion

Recommended completion after the first year of doctoral studies.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-5 cr
Participation in teaching		1-5 cr

PHD-201 Academic Pitching

PHD-201 Akateeminen hissipuhe

PHD-201 Akademisk pitching

Abbreviation: Akateeminen hissipuhe

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-5 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Prerequisites

FI:

Recommended prerequisites

Advanced level of English

SV:

Recommended prerequisites

Advanced level of English

EN:

Recommended prerequisites

Advanced level of English

Equivalences to other studies

YEB-106 Academic Pitching

DONAS-115 Academic pitching

HYMY-903 Academic Pitching

Health-139 Academic Pitching

Equivalences (free text field)

FI: HYMY-903, YEB-106, DONAS-115, Health-139

SV: HYMY-903, YEB-106, DONAS-115, Health-139
PHD-201

Akademisk pitching

EN: HYMY-903, YEB-106, DONAS-115, Health-139
PHD-201

Academic Pitching

Learning outcomes

FI: Opintojakson käytyään väitöskirjatutkija osaa viestiä tehokkaasti ja ytimekkäästi omasta väitöskirjaprojektistaan ja pitää ns. hissipuheen.
Hän osaa kertoa tieteellisestä tutkimusprojektistaan ja sen tuloksista yleistajuisesti paitsi akateemiselle yleisölle, myös laajemmalle kohderyhmälle.

Väitöskirjatutkija hallitsee tutkimuksen akateemisen markkinoinnin.

The course participants will

Be able to draft an oral presentation of themselves/their project (elevator pitch) in and tell efficiently about their project in an appropriate and efficient style of communication

Be able to communicate his/her research project and its results to the academic community, but also to the wider audience.

Master the skill of academically marketing themselves and their research.

SV: Opintojakson käytyään väitöskirjatutkija osaa viestiä tehokkaasti ja ytimekkäästi omasta väitöskirjaprojektistaan ja pitää ns. hissipuheen.
Hän osaa kertoa tieteellisestä tutkimusprojektistaan ja sen tuloksista yleistajuisesti paitsi akateemiselle yleisölle, myös laajemmalle kohderyhmälle.

Väitöskirjatutkija hallitsee tutkimuksen akateemisen markkinoinnin.

The course participants will

Be able to draft an oral presentation of themselves/their project (elevator pitch) in and tell efficiently about their project in an appropriate and efficient style of communication

Be able to communicate his/her research project and its results to the academic community, but also to the wider audience.

Master the skill of academically marketing themselves and their research.

EN: Opintojakson käytyään väitöskirjatutkija osaa viestiä tehokkaasti ja ytimekkäästi omasta väitöskirjaprojektistaan ja pitää ns. hissipuheen.

Hän osaa kertoa tieteellisestä tutkimusprojektistaan ja sen tuloksista yleistajuisesti paitsi akateemiselle yleisölle, myös laajemmalle kohderyhmälle.

Väitöskirjatutkija hallitsee tutkimuksen akateemisen markkinoinnin.

The course participants will

Be able to draft an oral presentation of themselves/their project (elevator pitch) in and tell efficiently about their project in an appropriate and efficient style of communication

Be able to communicate his/her research project and its results to the academic community, but also to the wider audience.

Master the skill of academically marketing themselves and their research.

Content

FI: Participants learn to hone their academic marketing messages to demonstrate their track record. They will first develop an elevator pitch for quick academic introductions, and then move onto biographical sketches, Curriculum Vitae (CV), resumes, cover letters and letters of motivation. The course will focus on the art of crafting and refining each of these documents for purpose-driven messages to market the skills of young and seasoned academics alike.

SV: Participants learn to hone their academic marketing messages to demonstrate their track record. They will first develop an elevator pitch for quick academic introductions, and then move onto biographical sketches, Curriculum Vitae (CV), resumes, cover letters and letters of motivation. The course will focus on the art of crafting and refining each of these documents for purpose-driven messages to market the skills of young and seasoned academics alike.

EN: Participants learn to hone their academic marketing messages to demonstrate their track record. They will first develop an elevator pitch for quick academic introductions, and then move onto biographical sketches, Curriculum Vitae (CV), resumes, cover letters and letters of motivation. The course will focus on the art of crafting and refining each of these documents for purpose-driven messages to market the skills of young and seasoned academics alike.

Additional information

FI:

Completion methods (general description)

12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

Learning activities and methods

In-class discussions and group work are supplemented with writing exercises to put knowledge and skills into practice. Both instructor and peer feedback aid in refining initial drafts of each type of document.

Target groups

Doctoral students.

Teaching period when the course will be offered

Annually

Recommended time or stage of studies for completion

The recommended time of completion is during the first two years of the programme.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English.

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

Learning activities and methods

In-class discussions and group work are supplemented with writing exercises to put knowledge and skills into practice. Both instructor and peer feedback aid in refining initial drafts of each type of document.

Target groups

Doctoral students.

Teaching period when the course will be offered

Annually

Recommended time or stage of studies for completion

The recommended time of completion is during the first two years of the programme.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English.

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

Learning activities and methods

In-class discussions and group work are supplemented with writing exercises to put knowledge and skills into practice. Both instructor and peer feedback aid in refining initial drafts of each type of document.

Target groups

Doctoral students.

Teaching period when the course will be offered

Annually

Recommended time or stage of studies for completion

The recommended time of completion is during the first two years of the programme.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English.

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-5 cr
Participation in teaching		1-5 cr

PHD-202 Academic Writing and Editing

PHD-202 Tieteellinen kirjoittaminen ja editointi englanniksi

PHD-202 Akademiskt skrivande och redigering på engelska

Abbreviation: Tieteellinen kirjoittaminen ja editointi englanniksi

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English
Grading scale	Pass-Fail
University	University of Helsinki

Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

921101 Academic Writing and Editing

Health-133 Academic Writing and Editing

YEB-104 Scientific writing

HYMY-906 Academic Writing and Editing (in English)

Equivalences (free text field)

FI: Health-133, HYMY-906, 921101, YEB-104

SV: Health-133, HYMY-906, 921101, YEB-104
PHD-202
Akademiskt skrivande och redigering på engelska

EN: Health-133, HYMY-906, 921101, YEB-104
PHD-202
Academic Writing and Editing

Learning outcomes

FI: The course participants will

- Master the key characteristics and practices in scientific texts, especially in journal articles and doctoral dissertations
- Be able to select the appropriate structure and style for their texts
- Be able to communicate fluently and clearly
- Be able to edit their text at the different stages of the process
- Master the key grammar and orthography, and know the sources to consult
- Be able to present arguments and make references, and be familiar with the various systems of referencing
- Be able to give and receive feedback, including peer feedback (collaborative editing of one's own and a fellow doctoral candidate's text), feedback from the teacher and feedback from journal editors, and know how to respond to it.

SV: The course participants will

- Master the key characteristics and practices in scientific texts, especially in journal articles and doctoral dissertations
- Be able to select the appropriate structure and style for their texts

- Be able to communicate fluently and clearly
- Be able to edit their text at the different stages of the process
- Master the key grammar and orthography, and know the sources to consult
- Be able to present arguments and make references, and be familiar with the various systems of referencing
- Be able to give and receive feedback, including peer feedback (collaborative editing of one's own and a fellow doctoral candidate's text), feedback from the teacher and feedback from journal editors, and know how to respond to it.

EN: The course participants will

- Master the key characteristics and practices in scientific texts, especially in journal articles and doctoral dissertations
- Be able to select the appropriate structure and style for their texts
- Be able to communicate fluently and clearly
- Be able to edit their text at the different stages of the process
- Master the key grammar and orthography, and know the sources to consult
- Be able to present arguments and make references, and be familiar with the various systems of referencing
- Be able to give and receive feedback, including peer feedback (collaborative editing of one's own and a fellow doctoral candidate's text), feedback from the teacher and feedback from journal editors, and know how to respond to it.

Content

FI:

- Style issues, clarity and formality issues
- Writing mechanics (punctuation, handling numerals, etc.)
- Structure, end focus, word choice, tense choice, voice choice (active–passive), connectives
- Avoiding wordiness and ambiguity
- Information issues, article structure
- The submission/publication process.

SV:

- Style issues, clarity and formality issues
- Writing mechanics (punctuation, handling numerals, etc.)
- Structure, end focus, word choice, tense choice, voice choice (active–passive), connectives
- Avoiding wordiness and ambiguity
- Information issues, article structure
- The submission/publication process.

EN:

- Style issues, clarity and formality issues
- Writing mechanics (punctuation, handling numerals, etc.)
- Structure, end focus, word choice, tense choice, voice choice (active–passive), connectives
- Avoiding wordiness and ambiguity
- Information issues, article structure
- The submission/publication process.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

24 contact lessons with six face-to-face meetings plus 30 hours of independent/group work between the meetings. Maximum 16 course participants.

Assessment practices and criteria

80% attendance and assignment completion required.

Learning activities and methods

Lectures combined with readings and exercises completed outside class and then discussed during class meetings.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

24 contact lessons with six face-to-face meetings plus 30 hours of independent/group work between the meetings. Maximum 16 course participants.

Assessment practices and criteria

80% attendance and assignment completion required.

Learning activities and methods

Lectures combined with readings and exercises completed outside class and then discussed during class meetings.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

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Completion methods (general description)

Participation in teaching.

24 contact lessons with six face-to-face meetings plus 30 hours of independent/group work between the meetings. Maximum 16 course participants.

Assessment practices and criteria

80% attendance and assignment completion required.

Learning activities and methods

Lectures combined with readings and exercises completed outside class and then discussed during class meetings.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr

PHD-203 Conference presentation

PHD-203 Conference presentation

PHD-203 Conference presentation

Abbreviation: Conference presentation

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-901 Conference

DONAS-102 Conference presentation

Health-138 Conference Presentations

YEB-103 Conference presentation

Equivalences (free text field)

FI: YEB-103
DONAS-102

HYMY-901

Health-138

SV: YEB-103
DONAS-102

HYMY-901

Health-138

PHD-203

Conference presentation

EN: YEB-103
DONAS-102

HYMY-901

Health-138

PHD-203
Conference presentation

Learning outcomes

FI: After completing the course the students will:

- Be able to restructure a text related to their own research or field into a conference presentation, either for an audience representing the same field or for a larger audience
- Be able to organise the information into a clear and efficient presentation in terms of its language, structure, content and layout
- Master the techniques related to answering audience questions
- Be able to produce a poster presentation
- Master the skills of providing and receiving feedback, including peer feedback and feedback from the teacher
- Be able to develop their skills further with the help of feedback, self-evaluation and self-reflection.

SV: After completing the course the students will:

- Be able to restructure a text related to their own research or field into a conference presentation, either for an audience representing the same field or for a larger audience
- Be able to organise the information into a clear and efficient presentation in terms of its language, structure, content and layout
- Master the techniques related to answering audience questions
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- Master the skills of providing and receiving feedback, including peer feedback and feedback from the teacher
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EN: After completing the course the students will:

- Be able to restructure a text related to their own research or field into a conference presentation, either for an audience representing the same field or for a larger audience
- Be able to organise the information into a clear and efficient presentation in terms of its language, structure, content and layout
- Master the techniques related to answering audience questions
- Be able to produce a poster presentation
- Master the skills of providing and receiving feedback, including peer feedback and feedback from the teacher
- Be able to develop their skills further with the help of feedback, self-evaluation and self-reflection.

Content

FI:

- Presenting at a conference (beginning, proceeding, digressing, summarising, ending)
- Dealing with audience questions appropriately and clearly
- Written text into an effective oral presentation
- Dos and Don’ts of oral presentations
- Pronunciation, especially stress placement and intonation
- Practical considerations, including visuals.

SV:

- Presenting at a conference (beginning, proceeding, digressing, summarising, ending)
- Dealing with audience questions appropriately and clearly
- Written text into an effective oral presentation
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- Pronunciation, especially stress placement and intonation
- Practical considerations, including visuals.

EN:

- Presenting at a conference (beginning, proceeding, digressing, summarising, ending)
- Dealing with audience questions appropriately and clearly
- Written text into an effective oral presentation
- Dos and Don’ts of oral presentations
- Pronunciation, especially stress placement and intonation
- Practical considerations, including visuals.

Additional information

FI:

Completion methods (general description)

Participation in teaching

If organised as *contact teaching*: 24 contact lessons with six face-to-face meetings plus 30 hours of independent/group work between the meetings.

If organised *on-line*:

- Synchronous lessons = Attandance in the remote lessons is required; the teacher will email more information before the course starts, or
- Asynchronous lessons = Lessons and tasks can be done independently within the given time frame of the course, however, some group work may be required; the teacher will email more information before the course starts, or
- Combination = Attandance in a number of lessons is required in the given times; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

Assessment practices and criteria

Pass/fail

75% attendance and assignment completion required.

Learning activities and methods

Lectures combined with in-class presentations by participants. Real-time feedback from class participants and instructor along with self-evaluation through the review of a video of in-class presentations.

Target groups

Doctoral researchers.

Teaching period when the course will be offered

Organised every spring and autumn term.

Recommended time or stage of studies for completion

Recommended completion during the second year of doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching

If organised as *contact teaching*: 24 contact lessons with six face-to-face meetings plus 30 hours of independent/group work between the meetings.

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Doctoral researchers.

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Recommended time or stage of studies for completion

Recommended completion during the second year of doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

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Target groups

Doctoral researchers.

Teaching period when the course will be offered

Organised every spring and autumn term.

Recommended time or stage of studies for completion

Recommended completion during the second year of doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr

HEALTH-124 Facing the Final Frontier: Preparing the Doctoral Dissertation Book for Health Scientists

HEALTH-124 Facing the Final Frontier: Preparing the Doctoral Dissertation Book for Health Scientists
HEALTH-124 Facing the Final Frontier: Preparing the Doctoral Dissertation Book for Health Scientists

Abbreviation: Facing the Final Frontier: Preparing the Doctoral Dissertation Book for Health Scientists

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1 cr
Languages	English
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Medical science

Equivalences (free text field)

SV: Health-124
Facing the Final Frontier: Preparing the Doctoral Dissertation Book for Health Scientists

EN: Health-124
Facing the Final Frontier: Preparing the Doctoral Dissertation Book for Health Scientists

Learning outcomes

FI: The student is able to make a timeline for the final phases of the PhD project.
The student is able to create an adequate outline for the dissertation book.

The student knows how to solve some of the most common problems occurring during the final phase of the PhD project.

SV: The student is able to make a timeline for the final phases of the PhD project.
The student is able to create an adequate outline for the dissertation book.

The student knows how to solve some of the most common problems occurring during the final phase of the PhD project.

EN: The student is able to make a timeline for the final phases of the PhD project.
The student is able to create an adequate outline for the dissertation book.

The student knows how to solve some of the most common problems occurring during the final phase of the PhD project.

Content

FI: Module 1: Getting started with the Dissertation Book

- Scheduling, rules, order of tasks
- Tackling the literature (optimizing reading)
  - brainstorming, group discussions
- Reference software discussion/tutorial
  - EndNote (or other similar: Zotero, Mendeley, etc)
  - Questions about referencing

Module 2: Dissertation Book Structure

- General thesis structure
  - Students analyze e-thesis examples regarding their structure
- Talk about long-format writing issues
  - building story line
  - linking key concepts
  - focus on discussing the Literature Review section

Module 3: Troubleshooting

- Issues of time, motivation, competing demands, feedback, conflicts with supervisors
  - Activity: Ask students to write 3 potential (major) obstacles they can forsee in the thesis writing process...then split into small groups and discuss for 30 mins
  - share key insights as a whole group for 15 mins

Module 4: Goal Setting

- Brainstorming goals for thesis writing
  - baby goals and guru goals
  - drafting personal goals
  - then partner-up and discuss
  - peer support: exchange emails and continue partnership

SV: Module 1: Getting started with the Dissertation Book

- Scheduling, rules, order of tasks
- Tackling the literature (optimizing reading)
  - brainstorming, group discussions
- Reference software discussion/tutorial
  - EndNote (or other similar: Zotero, Mendeley, etc)
  - Questions about referencing

Module 2: Dissertation Book Structure

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- Brainstorming goals for thesis writing
  - baby goals and guru goals
  - drafting personal goals
  - then partner-up and discuss
  - peer support: exchange emails and continue partnership

EN: Module 1: Getting started with the Dissertation Book

- Scheduling, rules, order of tasks
- Tackling the literature (optimizing reading)
  - brainstorming, group discussions

- Reference software discussion/tutorial
  - EndNote (or other similar: Zotero, Mendeley, etc)
  - Questions about referencing

Module 2: Dissertation Book Structure

- General thesis structure
  - Students analyze e-thesis examples regarding their structure
- Talk about long-format writing issues
  - building story line
  - linking key concepts
  - focus on discussing the Literature Review section

Module 3: Troubleshooting

- Issues of time, motivation, competing demands, feedback, conflicts with supervisors
  - Activity: Ask students to write 3 potential (major) obstacles they can forsee in the thesis writing process...then split into small groups and discuss for 30 mins
  - share key insights as a whole group for 15 mins

Module 4: Goal Setting

- Brainstorming goals for thesis writing
  - baby goals and guru goals
  - drafting personal goals
  - then partner-up and discuss
  - peer support: exchange emails and continue partnership

Additional information

FI:

Completion methods (general description)

Participation in teaching

Learning activities and methods

A workshop. Active learning methods used: small group discussions, in-class goal-setting.

Target groups

Doctoral researchers in health sciences

Recommended time or stage of studies for completion

Last year of the dissertation project.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching

Learning activities and methods

A workshop. Active learning methods used: small group discussions, in-class goal-setting.

Target groups

Doctoral researchers in health sciences

Recommended time or stage of studies for completion

Last year of the dissertation project.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching

Learning activities and methods

A workshop. Active learning methods used: small group discussions, in-class goal-setting.

Target groups

Doctoral researchers in health sciences

Recommended time or stage of studies for completion

Last year of the dissertation project.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1 cr
Participation in teaching		1 cr
Method 2		1 cr
Independent study		1 cr

PHD-205 Grant Writing I

PHD-205 Grant Writing I

PHD-205 Grant Writing I

Abbreviation: Grant Writing I

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-904 Grant Writing I

YEB-105 Grant writing

Health-134 Grant Writing

DONAS-103 Grant writing I

Equivalences (free text field)

FI: Health-134, HYMY-904, YEB-105, DONAS-103

SV: Health-134, HYMY-904, YEB-105, DONAS-103
PHD-205
Grant Writing I

EN: Health-134, HYMY-904, YEB-105, DONAS-103
PHD-205
Grant Writing I

Learning outcomes

FI: Course learning outcomes: The course participants will

- Master an understanding of the key components of generic requests for funding
- Master an understanding of how to develop and present their research plans and projects
- Be able to identify appropriate agency to whom they should submit their requests for funding
- Be able to draft a competitive grant application with its various subsections independently or in a project.

SV: Course learning outcomes: The course participants will

- Master an understanding of the key components of generic requests for funding
- Master an understanding of how to develop and present their research plans and projects
- Be able to identify appropriate agency to whom they should submit their requests for funding
- Be able to draft a competitive grant application with its various subsections independently or in a project.

EN: Course learning outcomes: The course participants will

- Master an understanding of the key components of generic requests for funding
- Master an understanding of how to develop and present their research plans and projects
- Be able to identify appropriate agency to whom they should submit their requests for funding
- Be able to draft a competitive grant application with its various subsections independently or in a project.

Content

FI: This three-week course aims to demystify the proposal and grant writing process and to provide a framework for successful grant writing success in an effort to improve one's odds of securing funding. As the first part of a series of courses, we focus on establishing an understanding of how to formulate generic and donor-specific applications and how to appropriately target applications to reviewers. By the end of the course, participants will be better equipped to identify appropriate sources of funding, to draft high-scoring and successful applications, to navigate the application and submission processes, and to follow up with reviewer comments received from a donor agency.

SV: This three-week course aims to demystify the proposal and grant writing process and to provide a framework for successful grant writing success in an effort to improve one's odds of securing funding. As the first part of a series of courses, we focus on establishing an understanding of how to formulate generic and donor-specific applications and how to appropriately target applications to reviewers. By the end of the course, participants will be better equipped to identify appropriate sources of funding, to draft high-scoring and successful applications, to navigate the application and submission processes, and to follow up with reviewer comments received from a donor agency.

EN: This three-week course aims to demystify the proposal and grant writing process and to provide a framework for successful grant writing success in an effort to improve one's odds of securing funding. As the first part of a series of courses, we focus on establishing an understanding of how to formulate generic and donor-specific applications and how to appropriately target applications to reviewers. By the end of the course, participants will be better equipped to identify appropriate sources of funding, to draft high-

scoring and successful applications, to navigate the application and submission processes, and to follow up with reviewer comments received from a donor agency.

Additional information

FI:

Completion methods (general description)

Participation in teaching

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Lessons and tasks can be done independently within the given time frame of the course, however, some group work may be required; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

100% attendance required.

Assessment practices and criteria

PASS/FAIL, 100% attendance required

Learning activities and methods

Structured lectures and in-class discussions of the components of successful grant applications combined with writing exercises and instructor and peer feedback.

Target groups

Doctoral candidates

Teaching period when the course will be offered

The course is organised several times a year.

Recommended time or stage of studies for completion

The recommended time of completion is during the first two years of the programme.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English.

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Lessons and tasks can be done independently within the given time frame of the course, however, some group work may be required; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

100% attendance required.

Assessment practices and criteria

PASS/FAIL, 100% attendance required

Learning activities and methods

Structured lectures and in-class discussions of the components of successful grant applications combined with writing exercises and instructor and peer feedback.

Target groups

Doctoral candidates

Teaching period when the course will be offered

The course is organised several times a year.

Recommended time or stage of studies for completion

The recommended time of completion is during the first two years of the programme.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English.

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Lessons and tasks can be done independently within the given time frame of the course, however, some group work may be required; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

100% attendance required.

Assessment practices and criteria

PASS/FAIL, 100% attendance required

Learning activities and methods

Structured lectures and in-class discussions of the components of successful grant applications combined with writing exercises and instructor and peer feedback.

Target groups

Doctoral candidates

Teaching period when the course will be offered

The course is organised several times a year.

Recommended time or stage of studies for completion

The recommended time of completion is during the first two years of the programme.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English.

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1 cr
Participation in teaching		1 cr

PHD-206 Grant Writing II

PHD-206 Grant Writing II

PHD-206 Grant Writing II

Abbreviation: Grant Writing II

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-905 Grant Writing II

Health-135 Grant Writing II

YEB-121 Grant Writing 2

DONAS-104 Grant writing II

Equivalences (free text field)

FI: HYMY-905, YEB-121, DONAS-104, Health-135

SV: HYMY-905, YEB-121, DONAS-104, Health-135
PHD-206
Grant Writing II

EN: HYMY-905, YEB-121, DONAS-104, Health-135
PHD-206
Grant Writing II

Learning outcomes

FI: After completing the course the students will:

- Master an understanding of the grant application review process, ultimately aiding in how to develop a well-crafted and more successful application

- Be able to evaluate grant applications, provide constructive feedback and improve an application based on the received feedback
- Be able to identify high-scoring grant applications.

SV: After completing the course the students will:

- Master an understanding of the grant application review process, ultimately aiding in how to develop a well-crafted and more successful application
- Be able to evaluate grant applications, provide constructive feedback and improve an application based on the received feedback
- Be able to identify high-scoring grant applications.

EN: After completing the course the students will:

- Master an understanding of the grant application review process, ultimately aiding in how to develop a well-crafted and more successful application
- Be able to evaluate grant applications, provide constructive feedback and improve an application based on the received feedback
- Be able to identify high-scoring grant applications.

Content

FI: This three-week course aims to demystify the proposal and grant writing process and to provide a framework for successful grant writing success in an effort to improve one's odds of securing funding. As the first part of a series of courses, we focus on establishing an understanding of how to formulate generic and donor-specific applications and how to appropriately target applications to reviewers. By the end of the course, participants will be better equipped to identify appropriate sources of funding, to draft high-scoring and successful applications, to navigate the application and submission processes, and to follow up with reviewer comments received from a donor agency.

SV: This three-week course aims to demystify the proposal and grant writing process and to provide a framework for successful grant writing success in an effort to improve one's odds of securing funding. As the first part of a series of courses, we focus on establishing an understanding of how to formulate generic and donor-specific applications and how to appropriately target applications to reviewers. By the end of the course, participants will be better equipped to identify appropriate sources of funding, to draft high-scoring and successful applications, to navigate the application and submission processes, and to follow up with reviewer comments received from a donor agency.

EN: This three-week course aims to demystify the proposal and grant writing process and to provide a framework for successful grant writing success in an effort to improve one's odds of securing funding. As the first part of a series of courses, we focus on establishing an understanding of how to formulate generic and donor-specific applications and how to appropriately target applications to reviewers. By the end of the course, participants will be better equipped to identify appropriate sources of funding, to draft high-scoring and successful applications, to navigate the application and submission processes, and to follow up with reviewer comments received from a donor agency.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Lessons and tasks can be done independently within the given time frame of the course, however, some group work may be required; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

Assessment practices and criteria

Pass/fail

100% attendance required.

Learning activities and methods

Structured lectures and in-class discussions of the components of successful grant applications combined with writing exercises and instructor and peer feedback.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Lessons and tasks can be done independently within the given time frame of the course, however, some group work may be required; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

Assessment practices and criteria

Pass/fail

100% attendance required.

Learning activities and methods

Structured lectures and in-class discussions of the components of successful grant applications combined with writing exercises and instructor and peer feedback.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Lessons and tasks can be done independently within the given time frame of the course, however, some group work may be required; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

Assessment practices and criteria

Pass/fail

100% attendance required.

Learning activities and methods

Structured lectures and in-class discussions of the components of successful grant applications combined with writing exercises and instructor and peer feedback.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr

PHD-207 Kirjoittamiskäytännöt: Luovuutta ja ideoita väitöskirjan kirjoitusprosessiin

PHD-207 Kirjoittamiskäytännöt: Luovuutta ja ideoita väitöskirjan kirjoitusprosessiin
PHD-207 Kirjoittamiskäytännöt: Luovuutta ja ideoita väitöskirjan kirjoitusprosessiin

Abbreviation: Kirjoittamiskäytännöt: Luovuutta ja ideoita väitöskirjan kirjoitusprosessiin

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	Sanna Nyqvist, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-927 Luovuutta ja ideoita väitöskirjan kirjoitusprosessiin

Equivalences (free text field)

FI: HYMY-927

SV: HYMY-927
PHD-207
Kirjoittamiskäytännöt: Luovuutta ja ideoita väitöskirjan kirjoitusprosessiin

EN: HYMY-927
PHD-207
Kirjoittamiskäytännöt: Luovuutta ja ideoita väitöskirjan kirjoitusprosessiin

Learning outcomes

FI: Kirjoittamiskäytäntöjen hiominen, prosessikirjoittamiskäytännöt, luovuuden esteiden purku.
.

SV: Kirjoittamiskäytäntöjen hiominen, prosessikirjoittamiskäytännöt, luovuuden esteiden purku.
.

EN: Kirjoittamiskäytäntöjen hiominen, prosessikirjoittamiskäytännöt, luovuuden esteiden purku.
.

Content

FI: Työpajassa keskitytään tieteelliseen kirjoittamiseen luovana toimintana. Saat konkreettisia ideoita ja vinkkejä luovuuden edellytysten virittämiseen sekä uusien ideoiden ja yhteyksien työstämiseen. Iltapäivän aikana tehdään useampia luovuus- ja kirjoitusharjoituksia.
Työpaja on tarkoitettu kaikille humanististen ja yhteiskuntatieteellisten alojen tutkijakoulutettaville. Voit tulla mukaan, vaikka olisit vasta prosessin alkuvaiheessa tai jo viimeistelemässä väitöskirjaasi – kirjoittaminen ei nimittäin lopu väitökseen!

SV: Työpajassa keskitytään tieteelliseen kirjoittamiseen luovana toimintana. Saat konkreettisia ideoita ja vinkkejä luovuuden edellytysten virittämiseen sekä uusien ideoiden ja yhteyksien työstämiseen. Iltapäivän aikana tehdään useampia luovuus- ja kirjoitusharjoituksia.
Työpaja on tarkoitettu kaikille humanististen ja yhteiskuntatieteellisten alojen tutkijakoulutettaville. Voit tulla mukaan, vaikka olisit vasta prosessin alkuvaiheessa tai jo viimeistelemässä väitöskirjaasi – kirjoittaminen ei nimittäin lopu väitökseen!

EN: Työpajassa keskitytään tieteelliseen kirjoittamiseen luovana toimintana. Saat konkreettisia ideoita ja vinkkejä luovuuden edellytysten virittämiseen sekä uusien ideoiden ja yhteyksien työstämiseen. Iltapäivän aikana tehdään useampia luovuus- ja kirjoitusharjoituksia.
Työpaja on tarkoitettu kaikille humanististen ja yhteiskuntatieteellisten alojen tutkijakoulutettaville. Voit tulla mukaan, vaikka olisit vasta prosessin alkuvaiheessa tai jo viimeistelemässä väitöskirjaasi – kirjoittaminen ei nimittäin lopu väitökseen!

Additional information

FI:

Completion methods (general description)

Suoritusmerkinnän edellytyksenä on osallistuminen seminaariin.

Seminaariin kuuluu lisäksi ennakkotehtävänä oman luovan työprosessin pohtiminen luovuuskirjallisuuden valossa. Voit valita oheislukemistosta itseäsi kiinnostavan tekstin, jonka pohjalta kirjoitat muutaman sivun luovuuden edellytyksistä ja ilmenemismuodoista omassa tutkimus- ja kirjoitustyössäsi. Oheislukemisto ja tarkemmat ohjeet löytyvät seminaarin Moodle-sivulta, jolle ilmoittautuneet saavat linkin ilmoittautumisajan päätyttyä.

Assessment practices and criteria

Hyväksytyn suoritusmerkinnän edellytyksenä on se, että opiskelija osallistuu työpajan harjoituksiin ja keskusteluun sekä tutkii ennakkotehtävässä oman luovuutensa lähtökohtia.

Learning activities and methods

Työpaja pohjaa tutkittuun tietoon kirjoittamisesta ja luovuudesta sekä vetäjien monivuotiseen kokemukseen luovien prosessien vetäjinä ja valmentajina. Työpajassa hyödynnetään erilaisia luovuusharjoituksia, ja opiskelijat saavat vapaaehtoiseen itseopiskeluun soveltuvia materiaaleja työpajan teemojen syventämiseksi.

Target groups

Väitöskirjatutkijat

Teaching period when the course will be offered

Työpaja on tarjolla periodeissa II ja IV

Recommended time or stage of studies for completion

Työpaja on tarkoitettu väitöskirjan tekijöille. Mukaan voi tulla niin prosessin alkuvaiheessa kuin väitöksen jo häämöttäessä, sillä kirjoittamisen ja luovuuden taitoja tarvitaan kaikessa akateemisessa työssä

Study modules

Yleiset valmiustaidot.

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Suoritusmerkinnän edellytyksenä on osallistuminen seminaariin.

Seminaariin kuuluu lisäksi ennakkotehtävänä oman luovan työprosessin pohtiminen luovuuskirjallisuuden valossa. Voit valita oheislukemistosta itseäsi kiinnostavan tekstin, jonka pohjalta kirjoitat muutaman sivun luovuuden edellytyksistä ja ilmenemismuodoista omassa tutkimus- ja kirjoitustyössäsi. Oheislukemisto ja tarkemmat ohjeet löytyvät seminaarin Moodle-sivulta, jolle ilmoittautuneet saavat linkin ilmoittautumisajan päätyttyä.

Assessment practices and criteria

Hyväksytyn suoritusmerkinnän edellytyksenä on se, että opiskelija osallistuu työpajan harjoituksiin ja keskusteluun sekä tutkii ennakkotehtävässä oman luovuutensa lähtökohtia.

Learning activities and methods

Työpaja pohjaa tutkittuun tietoon kirjoittamisesta ja luovuudesta sekä vetäjien monivuotiseen kokemukseen luovien prosessien vetäjinä ja valmentajina. Työpajassa hyödynnetään erilaisia luovuusharjoituksia, ja opiskelijat saavat vapaaehtoiseen itseopiskeluun soveltuvia materiaaleja työpajan teemojen syventämiseksi.

Target groups

Väitöskirjatutkijat

Teaching period when the course will be offered

Työpaja on tarjolla periodeissa II ja IV

Recommended time or stage of studies for completion

Työpaja on tarkoitettu väitöskirjan tekijöille. Mukaan voi tulla niin prosessin alkuvaiheessa kuin väitöksen jo häämöttäessä, sillä kirjoittamisen ja luovuuden taitoja tarvitaan kaikessa akateemisessa työssä

Study modules

Yleiset valmiustaidot.

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Suoritusmerkinnän edellytyksenä on osallistuminen seminaariin.

Seminaariin kuuluu lisäksi ennakkotehtävänä oman luovan työprosessin pohtiminen luovuuskirjallisuuden valossa. Voit valita oheislukemistosta itseäsi kiinnostavan tekstin, jonka pohjalta kirjoitat muutaman sivun luovuuden edellytyksistä ja ilmenemismuodoista omassa tutkimus- ja kirjoitustyössäsi. Oheislukemisto ja tarkemmat ohjeet löytyvät seminaarin Moodle-sivulta, jolle ilmoittautuneet saavat linkin ilmoittautumisajan päätyttyä.

Assessment practices and criteria

Hyväksytyn suoritusmerkinnän edellytyksenä on se, että opiskelija osallistuu työpajan harjoituksiin ja keskusteluun sekä tutkii ennakkotehtävässä oman luovuutensa lähtökohtia.

Learning activities and methods

Työpaja pohjaa tutkittuun tietoon kirjoittamisesta ja luovuudesta sekä vetäjien monivuotiseen kokemukseen luovien prosessien vetäjinä ja valmentajina. Työpajassa hyödynnetään erilaisia luovuusharjoituksia, ja opiskelijat saavat vapaaehtoiseen itseopiskeluun soveltuvia materiaaleja työpajan teemojen syventämiseksi.

Target groups

Väitöskirjatutkijat

Teaching period when the course will be offered

Työpaja on tarjolla periodeissa II ja IV

Recommended time or stage of studies for completion

Työpaja on tarkoitettu väitöskirjan tekijöille. Mukaan voi tulla niin prosessin alkuvaiheessa kuin väitöksen jo häämöttäessä, sillä kirjoittamisen ja luovuuden taitoja tarvitaan kaikessa akateemisessa työssä

Study modules

Yleiset valmiustaidot.

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

Study materials

FI: Kurssin oheislukemistona on suomen- ja englanninkielisiä luovuutta käsitteleviä teoksia, joista opiskelijat voivat valita omaa tilannettaan ja työtään parhaiten tukevan tekstin. Ennakkotehtävää varten luettavien tekstien pituus vaihtelee 13 sivusta kokonaiseen kirjaan – kukin voi kiinnostuksensa ja ajankäyttönsä puitteissa valita teksteistä itselleen sopivimman. Osa teksteistä on saatavilla verkkoteksteinä, loput kirjastoista. Kirjallisuuslista ja ohjeet toimitetaan kurssille ilmoittautuneille ilmoittautumisajan päätyttyä.

SV: Kurssin oheislukemistona on suomen- ja englanninkielisiä luovuutta käsitteleviä teoksia, joista opiskelijat voivat valita omaa tilannettaan ja työtään parhaiten tukevan tekstin. Ennakkotehtävää varten luettavien tekstien pituus vaihtelee 13 sivusta kokonaiseen kirjaan – kukin voi kiinnostuksensa ja ajankäyttönsä puitteissa valita teksteistä itselleen sopivimman. Osa teksteistä on saatavilla verkkoteksteinä, loput kirjastoista. Kirjallisuuslista ja ohjeet toimitetaan kurssille ilmoittautuneille ilmoittautumisajan päätyttyä.

EN: Kurssin oheislukemistona on suomen- ja englanninkielisiä luovuutta käsitteleviä teoksia, joista opiskelijat voivat valita omaa tilannettaan ja työtään parhaiten tukevan tekstin. Ennakkotehtävää varten luettavien tekstien pituus vaihtelee 13 sivusta kokonaiseen kirjaan – kukin voi kiinnostuksensa ja ajankäyttönsä puitteissa valita teksteistä itselleen sopivimman. Osa teksteistä on saatavilla verkkoteksteinä, loput kirjastoista. Kirjallisuuslista ja ohjeet toimitetaan kurssille ilmoittautuneille ilmoittautumisajan päätyttyä.

Completion method and assessment items	Recurrence	Credits
Method 1		1 cr
Participation in teaching		1 cr

PHD-208 Luova tieteellinen kirjoittaminen

PHD-208 Luova tieteellinen kirjoittaminen

PHD-208 Luova tieteellinen kirjoittaminen

Abbreviation: Luova tieteellinen kirjoittaminen

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-5 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki

Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-920 Creative scientific writing

HYMY-921 Luova tieteellinen kirjoittaminen: jatkokurssi

Equivalences (free text field)

FI: HYMY-920, HYMY-921

SV: HYMY-920, HYMY-921
PHD-208
Luova tieteellinen kirjoittaminen

EN: HYMY-920, HYMY-921
PHD-208
Luova tieteellinen kirjoittaminen

Learning outcomes

FI: Kurssin suoritettuaan opiskelija,

- löytää ja tunnistaa oman äänen kirjoittamiseensa
- hahmottaa luovuutta hyödyntävien tutkimuskirjoittamisen tapoja
- hahmottaa tutkimuskohtaisen tutkimuspolun
- löytää tutkimuskirjoittamisen tyylin.

SV: Kurssin suoritettuaan opiskelija,

- löytää ja tunnistaa oman äänen kirjoittamiseensa
- hahmottaa luovuutta hyödyntävien tutkimuskirjoittamisen tapoja
- hahmottaa tutkimuskohtaisen tutkimuspolun
- löytää tutkimuskirjoittamisen tyylin.

EN: Kurssin suoritettuaan opiskelija,

- löytää ja tunnistaa oman äänen kirjoittamiseensa
- hahmottaa luovuutta hyödyntävien tutkimuskirjoittamisen tapoja
- hahmottaa tutkimuskohtaisen tutkimuspolun
- löytää tutkimuskirjoittamisen tyylin.

Content

FI: Opintojaksolla perehdytään luovaan tieteelliseen kirjoittamiseen luentojen, kirjoitusharjoitusten ja opiskelijoiden laatimien pienimuotoisten tutkimuksellisten tekstien parissa. Luennoilla avataan teoriavirikkeitä luovaan tieteelliseen kirjoittamiseen, harjoituksissa kirjoitetaan omaa tietävää ääntä ja ryhmäkäsittelyissä pohditaan opiskelijoiden laatimia tekstejä. Kurssi tarjoaa monipuolisia, tutkimuskohtaisesti sovellettavia virikkeitä luovaan tieteelliseen kirjoittamiseen.

SV: Opintojaksolla perehdytään luovaan tieteelliseen kirjoittamiseen luentojen, kirjoitusharjoitusten ja opiskelijoiden laatimien pienimuotoisten tutkimuksellisten tekstien parissa. Luennoilla avataan teoriavirikkeitä luovaan tieteelliseen kirjoittamiseen, harjoituksissa kirjoitetaan omaa tietävää ääntä ja ryhmäkäsittelyissä pohditaan opiskelijoiden laatimia tekstejä. Kurssi tarjoaa monipuolisia, tutkimuskohtaisesti sovellettavia virikkeitä luovaan tieteelliseen kirjoittamiseen.

EN: Opintojaksolla perehdytään luovaan tieteelliseen kirjoittamiseen luentojen, kirjoitusharjoitusten ja opiskelijoiden laatimien pienimuotoisten tutkimuksellisten tekstien parissa. Luennoilla avataan teoriavirikkeitä luovaan tieteelliseen kirjoittamiseen, harjoituksissa kirjoitetaan omaa tietävää ääntä ja ryhmäkäsittelyissä pohditaan opiskelijoiden laatimia tekstejä. Kurssi tarjoaa monipuolisia, tutkimuskohtaisesti sovellettavia virikkeitä luovaan tieteelliseen kirjoittamiseen.

Additional information

FI:

Completion methods (general description)

Osallistuminen opetukseen.

Verkkoluennot ja itsenäinen työskentely.

Assessment practices and criteria

Hyväksytty/hylätty

Target groups

Väitöskirjatutkijat

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Osallistuminen opetukseen.

Verkkoluennot ja itsenäinen työskentely.

Assessment practices and criteria

Hyväksytty/hylätty

Target groups

Väitöskirjatutkijat

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Osallistuminen opetukseen.

Verkkoluennot ja itsenäinen työskentely.

Assessment practices and criteria

Hyväksytty/hylätty

Target groups

Väitöskirjatutkijat

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

Study materials

FI: Suositellaan oheislukemistoksi Lupa kirjoittaa - opas luovaan tieteelliseen kirjoittamiseen (Yliraudanjoki, 2016, BoD)

SV: Suositellaan oheislukemistoksi Lupa kirjoittaa - opas luovaan tieteelliseen kirjoittamiseen (Yliraudanjoki, 2016, BoD)

EN: Suositellaan oheislukemistoksi Lupa kirjoittaa - opas luovaan tieteelliseen kirjoittamiseen (Yliraudanjoki, 2016, BoD)

Completion method and assessment items	Recurrence	Credits
Method 1		1-5 cr
Participation in teaching		1-5 cr

PHD-251 Optional studies in scientific communication and societal impact 1

PHD-251 Muita tieteellisen viestinnän ja yhteiskunnallisen vuorovaikutuksen opintoja 1

PHD-251 Andra studier i vetenskaplig kommunikation och samhällelig växelverkan 1

Abbreviation: Muita tieteellisen viestinnän ja yhteiskunnallisen vuorovaikutuksen opintoja 1

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-907 Other Studies in Communication Skills and Publishing

DONAS-195 Optional studies in writing and communication skills

YEB-199 Optional studies in presentation and academic writing skills

Health-104 Optional courses: Communication and teaching

Health-103 Teaching in courses

HYMY-919 Other Studies in Scientific Communication

Equivalences (free text field)

FI: HYMY-907 Muut kommunikaatiotaitojen ja julkaisemisen opinnot 1-10 op
YEB-199 Optional studies in presentation and academic writing skills 1-8 op
DONAs-195 Optional studies in writing and communication skills 1-9 op
HEALTH-104 Optional courses: Communication and teaching 1-5 op
HEALTH-103 Teaching in courses 1-2 op
HYMY-919 Muut tiedeviestinnän opinnot 1-10 op

SV: HYMY-907 Muut kommunikaatiotaitojen ja julkaisemisen opinnot 1-10 op
YEB-199 Optional studies in presentation and academic writing skills 1-8 op
DONAs-195 Optional studies in writing and communication skills 1-9 op
HEALTH-104 Optional courses: Communication and teaching 1-5 op
HEALTH-103 Teaching in courses 1-2 op
HYMY-919 Muut tiedeviestinnän opinnot 1-10 op
PHD-251

Andra studier i vetenskaplig kommunikation och samhällelig växelverkan 1

EN: HYMY-907 Muut kommunikaatiotaitojen ja julkaisemisen opinnot 1-10 op
YEB-199 Optional studies in presentation and academic writing skills 1-8 op
DONAs-195 Optional studies in writing and communication skills 1-9 op
HEALTH-104 Optional courses: Communication and teaching 1-5 op
HEALTH-103 Teaching in courses 1-2 op
HYMY-919 Muut tiedeviestinnän opinnot 1-10 op
PHD-251

Optional studies in scientific communication and societal impact 1

Learning outcomes

FI:
Optional courses or other studies that promote the skills and knowledge in the field of scientific communication and societal impact.

SV:
Optional courses or other studies that promote the skills and knowledge in the field of scientific communication and societal impact.

EN:
Optional courses or other studies that promote the skills and knowledge in the field of scientific communication and societal impact.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- publishing and presenting scientific research work max 1-2 ECTS
- preparing funding proposals max 1-2 ECTS
- teaching and/or supervising max 1-2 ECTS
- popularization of science max 1-2 ECTS
- other skills that support scientific communication and societal impact max 1-2 ECTS

Teaching: The doctoral candidate acts as a teacher in a course offered at the university. The theme of the course is preferably related to the doctoral research of the doctoral candidate. One credit requires 5 hours of contact teaching or 10 hours of course assistant work.

SV: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- publishing and presenting scientific research work max 1-2 ECTS
- preparing funding proposals max 1-2 ECTS
- teaching and/or supervising max 1-2 ECTS
- popularization of science max 1-2 ECTS
- other skills that support scientific communication and societal impact max 1-2 ECTS

Teaching: The doctoral candidate acts as a teacher in a course offered at the university. The theme of the course is preferably related to the doctoral research of the doctoral candidate. One credit requires 5 hours of contact teaching or 10 hours of course assistant work.

EN: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- publishing and presenting scientific research work max 1-2 ECTS
- preparing funding proposals max 1-2 ECTS
- teaching and/or supervising max 1-2 ECTS
- popularization of science max 1-2 ECTS
- other skills that support scientific communication and societal impact max 1-2 ECTS

Teaching: The doctoral candidate acts as a teacher in a course offered at the university. The theme of the course is preferably related to the doctoral research of the doctoral candidate. One credit requires 5 hours of contact teaching or 10 hours of course assistant work.

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-252 Optional studies in scientific communication and societal impact 2

PHD-252 Muita tieteellisen viestinnän ja yhteiskunnallisen vuorovaikutuksen opintoja 2

PHD-252 Andra studier i vetenskaplig kommunikation och samhällelig växelverkan 2

Abbreviation: Muita tieteellisen viestinnän ja yhteiskunnallisen vuorovaikutuksen opintoja 2

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Finnish, Swedish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Social sciences Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Agriculture and forestry

Equivalences to other studies

HYMY-907 Other Studies in Communication Skills and Publishing

DONAS-195 Optional studies in writing and communication skills

YEB-199 Optional studies in presentation and academic writing skills

Health-104 Optional courses: Communication and teaching

Health-103 Teaching in courses

HYMY-919 Other Studies in Scientific Communication

Equivalences (free text field)

FI: HYMY-907 Muut kommunikaatiotaitojen ja julkaisemisen opinnot 1-10 op
YEB-199 Optional studies in presentation and academic writing skills 1-8 op
DONAs-195 Optional studies in writing and communication skills 1-9 op
HEALTH-104 Optional courses: Communication and teaching 1-5 op
HEALTH-103 Teaching in courses 1-2 op
HYMY-919 Muut tiedeviestinnän opinnot 1-10 op

SV: HYMY-907 Muut kommunikaatiotaitojen ja julkaisemisen opinnot 1-10 op
YEB-199 Optional studies in presentation and academic writing skills 1-8 op
DONAs-195 Optional studies in writing and communication skills 1-9 op
HEALTH-104 Optional courses: Communication and teaching 1-5 op
HEALTH-103 Teaching in courses 1-2 op
HYMY-919 Muut tiedeviestinnän opinnot 1-10 op
PHD-252

Andra studier i vetenskaplig kommunikation och samhällelig växelverkan 2

EN: HYMY-907 Muut kommunikaatiotaitojen ja julkaisemisen opinnot 1-10 op
YEB-199 Optional studies in presentation and academic writing skills 1-8 op
DONAs-195 Optional studies in writing and communication skills 1-9 op
HEALTH-104 Optional courses: Communication and teaching 1-5 op
HEALTH-103 Teaching in courses 1-2 op
HYMY-919 Muut tiedeviestinnän opinnot 1-10 op
PHD-252

Optional studies in scientific communication and societal impact 2

Learning outcomes

FI: Optional courses or other studies that promote the skills and knowledge in the field of scientific communication and societal impact.

SV: Optional courses or other studies that promote the skills and knowledge in the field of scientific communication and societal impact.

EN: Optional courses or other studies that promote the skills and knowledge in the field of scientific communication and societal impact.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- publishing and presenting scientific research work max 1-2 ECTS
- preparing funding proposals max 1-2 ECTS
- teaching and/or supervising max 1-2 ECTS
- popularization of science max 1-2 ECTS
- other skills that support scientific communication and societal impact max 1-2 ECTS

Teaching: The doctoral candidate acts as a teacher in a course offered at the university. The theme of the course is preferably related to the doctoral research of the doctoral candidate. One credit requires 5 hours of contact teaching or 10 hours of course assistant work.

SV: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- publishing and presenting scientific research work max 1-2 ECTS
- preparing funding proposals max 1-2 ECTS
- teaching and/or supervising max 1-2 ECTS
- popularization of science max 1-2 ECTS
- other skills that support scientific communication and societal impact max 1-2 ECTS

Teaching: The doctoral candidate acts as a teacher in a course offered at the university. The theme of the course is preferably related to the doctoral research of the doctoral candidate. One credit requires 5 hours of contact teaching or 10 hours of course assistant work.

EN: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- publishing and presenting scientific research work max 1-2 ECTS
- preparing funding proposals max 1-2 ECTS
- teaching and/or supervising max 1-2 ECTS
- popularization of science max 1-2 ECTS
- other skills that support scientific communication and societal impact max 1-2 ECTS

Teaching: The doctoral candidate acts as a teacher in a course offered at the university. The theme of the course is preferably related to the doctoral research of the doctoral candidate. One credit requires 5 hours of contact teaching or 10 hours of course assistant work.

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-253 Optional studies in scientific communication and societal impact 3

PHD-253 Muita tieteellisen viestinnän ja yhteiskunnallisen vuorovaikutuksen opintoja 3

PHD-253 Andra studier i vetenskaplig kommunikation och samhällelig växelverkan 3

Abbreviation: Muita tieteellisen viestinnän ja yhteiskunnallisen vuorovaikutuksen opintoja 3

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-907 Other Studies in Communication Skills and Publishing

DONAS-195 Optional studies in writing and communication skills

YEB-199 Optional studies in presentation and academic writing skills

Health-104 Optional courses: Communication and teaching

Health-103 Teaching in courses

HYMY-919 Other Studies in Scientific Communication

Equivalences (free text field)

FI: HYMY-907 Muut kommunikaatiotaitojen ja julkaisemisen opinnot 1-10 op
YEB-199 Optional studies in presentation and academic writing skills 1-8 op
DONAs-195 Optional studies in writing and communication skills 1-9 op
HEALTH-104 Optional courses: Communication and teaching 1-5 op
HEALTH-103 Teaching in courses 1-2 op
HYMY-919 Muut tiedeviestinnän opinnot 1-10 op

SV: HYMY-907 Muut kommunikaatiotaitojen ja julkaisemisen opinnot 1-10 op
YEB-199 Optional studies in presentation and academic writing skills 1-8 op
DONAs-195 Optional studies in writing and communication skills 1-9 op
HEALTH-104 Optional courses: Communication and teaching 1-5 op
HEALTH-103 Teaching in courses 1-2 op
HYMY-919 Muut tiedeviestinnän opinnot 1-10 op
PHD-253

Andra studier i vetenskaplig kommunikation och samhällelig växelverkan 3

EN: HYMY-907 Muut kommunikaatiotaitojen ja julkaisemisen opinnot 1-10 op
YEB-199 Optional studies in presentation and academic writing skills 1-8 op
DONAs-195 Optional studies in writing and communication skills 1-9 op
HEALTH-104 Optional courses: Communication and teaching 1-5 op
HEALTH-103 Teaching in courses 1-2 op
HYMY-919 Muut tiedeviestinnän opinnot 1-10 op
PHD-253

Optional studies in scientific communication and societal impact 3

Learning outcomes

FI: Optional courses or other studies that promote the skills and knowledge in the field of scientific communication and societal impact.

SV: Optional courses or other studies that promote the skills and knowledge in the field of scientific communication and societal impact.

EN: Optional courses or other studies that promote the skills and knowledge in the field of scientific communication and societal impact.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- publishing and presenting scientific research work max 1-2 ECTS
- preparing funding proposals max 1-2 ECTS
- teaching and/or supervising max 1-2 ECTS
- popularization of science max 1-2 ECTS
- other skills that support scientific communication and societal impact max 1-2 ECTS

Teaching: The doctoral candidate acts as a teacher in a course offered at the university. The theme of the course is preferably related to the doctoral research of the doctoral candidate. One credit requires 5 hours of contact teaching or 10 hours of course assistant work.

SV: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- publishing and presenting scientific research work max 1-2 ECTS

- preparing funding proposals max 1-2 ECTS
- teaching and/or supervising max 1-2 ECTS
- popularization of science max 1-2 ECTS
- other skills that support scientific communication and societal impact max 1-2 ECTS

Teaching: The doctoral candidate acts as a teacher in a course offered at the university. The theme of the course is preferably related to the doctoral research of the doctoral candidate. One credit requires 5 hours of contact teaching or 10 hours of course assistant work.

EN: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- publishing and presenting scientific research work max 1-2 ECTS
- preparing funding proposals max 1-2 ECTS
- teaching and/or supervising max 1-2 ECTS
- popularization of science max 1-2 ECTS
- other skills that support scientific communication and societal impact max 1-2 ECTS

Teaching: The doctoral candidate acts as a teacher in a course offered at the university. The theme of the course is preferably related to the doctoral research of the doctoral candidate. One credit requires 5 hours of contact teaching or 10 hours of course assistant work.

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-218 Popularisation of science

PHD-218 Popularisation of science

PHD-218 Popularisation of science

Abbreviation: Popularisation of science

Curriculum periods		2023-24, 2024-25, 2025-26
Validity period		1 Aug 2023-31 Jul 2026
Credits		1-2 cr
Languages		English, Swedish, Finnish
Grading scale		Pass-Fail
University		University of Helsinki
Responsible organisation		University of Helsinki Doctoral School 100%
Responsible person	⚠	[information missing], Responsible teacher
Study level		Postgraduate studies
Study field		Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

DONAS-308 Popularising science 2

Health-140 Popularization of Science - writing for general public

YEB-101 Popularisation of scientific articles/research

DONAS-307 Popularising science 1

Equivalences (free text field)

FI: YEB-101, DONAS-307, -308, HEALTH-140

SV: YEB-101, DONAS-307, -308, HEALTH-140
PHD-218
Popularisation of science

EN: YEB-101, DONAS-307, -308, HEALTH-140
PHD-218
Popularisation of science

Learning outcomes

FI: After completing the course the participants will master:

- communicating in an understandable way to different audiences
- making an impact with their work
- social media and radio/tv communication
- policy engagement
- writing a blog, Wikipedia site, popular science article, or other corresponding document, or producing audiovisual material, presenting current science on a generally understandable level,
- organising and advertising a seminar or other popular science event, and/or

SV: After completing the course the participants will master:

- communicating in an understandable way to different audiences
- making an impact with their work
- social media and radio/tv communication
- policy engagement
- writing a blog, Wikipedia site, popular science article, or other corresponding document, or producing audiovisual material, presenting current science on a generally understandable level,
- organising and advertising a seminar or other popular science event, and/or

EN: After completing the course the participants will master:

- communicating in an understandable way to different audiences
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- social media and radio/tv communication
- policy engagement
- writing a blog, Wikipedia site, popular science article, or other corresponding document, or producing audiovisual material, presenting current science on a generally understandable level,
- organising and advertising a seminar or other popular science event, and/or

Content

FI:

- The role of science communication in today's world, the elements of an engaging story, creating contents that have clear perspective, rationale, and sharp edge
- Fundamental and timeless qualities of persuasive communication, rhetoric
- Indispensable help in preparing convincing presentations
- Communicating life sciences to lay audiences
- Use of different media from the point of a journalist

SV:

- The role of science communication in today's world, the elements of an engaging story, creating contents that have clear perspective, rationale, and sharp edge
- Fundamental and timeless qualities of persuasive communication, rhetoric
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EN:

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- Fundamental and timeless qualities of persuasive communication, rhetoric
- Indispensable help in preparing convincing presentations
- Communicating life sciences to lay audiences
- Use of different media from the point of a journalist

Additional information

FI:

Completion methods (general description)

A seminar, lectures, assignments, practical workshop

Writing a blog, Wikipedia site, popular science article, etc. or organising a popular science event.

Assessment practices and criteria

PASS/FAIL, 80% attendance, active participation and assignment completion required

The coordinating academic who grants the credits reviews the popularising material produced, and evaluates that it is sufficiently extensive as well as presents the scientific issue in a continent understandable to the intended audience.

Learning activities and methods

The course is interactive and each participant produces content themselves. Participants receive personal feedback for the exercises.

Target groups

Doctoral researchers.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

A seminar, lectures, assignments, practical workshop

Writing a blog, Wikipedia site, popular science article, etc. or organising a popular science event.

Assessment practices and criteria

PASS/FAIL, 80% attendance, active participation and assignment completion required

The coordinating academic who grants the credits reviews the popularising material produced, and evaluates that it is sufficiently extensive as well as presents the scientific issue in a continent understandable to the intended audience.

Learning activities and methods

The course is interactive and each participant produces content themselves. Participants receive personal feedback for the exercises.

Target groups

Doctoral researchers.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

A seminar, lectures, assignments, practical workshop

Writing a blog, Wikipedia site, popular science article, etc. or organising a popular science event.

Assessment practices and criteria

PASS/FAIL, 80% attendance, active participation and assignment completion required

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Learning activities and methods

The course is interactive and each participant produces content themselves. Participants receive personal feedback for the exercises.

Target groups

Doctoral researchers.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-2 cr
Participation in teaching		1-2 cr
Method 2		1-2 cr
Independent study		1-2 cr

PHD-204 Poster presentation and data visualisation

PHD-204 Poster presentation and data visualisation

PHD-204 Poster presentation and data visualisation

Abbreviation: Poster presentation and data visualisation

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-2 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

DONAS-119 Learning to visualize data

YEB-108 Learning to visualize data

Health-129 Create a beautiful and credible scientific poster

Health-101 Poster Workshop and Feedback

Equivalences (free text field)

FI: Health-129, Health-101, DONAS-119, YEB-108

SV: Health-129, Health-101, DONAS-119, YEB-108
PHD-204
Poster presentation and data visualisation

EN: Health-129, Health-101, DONAS-119, YEB-108
PHD-204
Poster presentation and data visualisation

Learning outcomes

FI: The goal of this course is to learn how to create a scientific poster or an illustration to a journal article, grant application or popular explanation.

SV: The goal of this course is to learn how to create a scientific poster or an illustration to a journal article, grant application or popular explanation.

EN: The goal of this course is to learn how to create a scientific poster or an illustration to a journal article, grant application or popular explanation.

Content

FI: Topics covered in the course:

- Introduction to visualization
- Visual perception in action
- Information design genres and methods
- Visualization tools
- Graphic design basics
- Animated and interactive graphics

SV: Topics covered in the course:

- Introduction to visualization
- Visual perception in action
- Information design genres and methods
- Visualization tools
- Graphic design basics
- Animated and interactive graphics

EN: Topics covered in the course:

- Introduction to visualization
- Visual perception in action
- Information design genres and methods
- Visualization tools
- Graphic design basics
- Animated and interactive graphics

Additional information

FI:

Completion methods (general description)

Participation in teaching

This is a theoretical and practical workshop where the participants are guided through the process of making a poster that is attractive but still credible.

Assessment practices and criteria

PASS/FAIL, 100% attendance and completion of course assignments are required

Target groups

Doctoral researchers

Teaching period when the course will be offered

The course is organised once every term.

Recommended time or stage of studies for completion

The recommended time of completion is at the beginning of the doctoral training.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching

This is a theoretical and practical workshop where the participants are guided through the process of making a poster that is attractive but still credible.

Assessment practices and criteria

PASS/FAIL, 100% attendance and completion of course assignments are required

Target groups

Doctoral researchers

Teaching period when the course will be offered

The course is organised once every term.

Recommended time or stage of studies for completion

The recommended time of completion is at the beginning of the doctoral training.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching

This is a theoretical and practical workshop where the participants are guided through the process of making a poster that is attractive but still credible.

Assessment practices and criteria

PASS/FAIL, 100% attendance and completion of course assignments are required

Target groups

Doctoral researchers

Teaching period when the course will be offered

The course is organised once every term.

Recommended time or stage of studies for completion

The recommended time of completion is at the beginning of the doctoral training.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-2 cr
Participation in teaching		1-2 cr
Method 2		1-2 cr
Independent study		1-2 cr

PHD-209 Principles of Peer Review

PHD-209 Principles of Peer Review

PHD-209 Principles of Peer Review

Abbreviation: Principles of Peer Review

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Prerequisites

FI:

Recommended prerequisites

Advanced level of English. Participants must have taken Academic Writing or Conference Presentations, and should bring to the first course meeting a conference abstract submission or a manuscript submitted and peer review feedback received from referees.

SV:

Recommended prerequisites

Advanced level of English. Participants must have taken Academic Writing or Conference Presentations, and should bring to the first course meeting a conference abstract submission or a manuscript submitted and peer review feedback received from referees.

EN:

Recommended prerequisites

Advanced level of English. Participants must have taken Academic Writing or Conference Presentations, and should bring to the first course meeting a conference abstract submission or a manuscript submitted and peer review feedback received from referees.

Equivalences to other studies

DONAS-105 Principles of peer review

HYMY-922 Principles of Peer Review

YEB-107 Principles of peer review

Health-136 Principles of Peer Review

Equivalences (free text field)

FI: HYMY-922, YEB-107, DONAS-105, Health-136

SV: HYMY-922, YEB-107, DONAS-105, Health-136
PHD-209
Principles of Peer Review

EN: HYMY-922, YEB-107, DONAS-105, Health-136
PHD-209
Principles of Peer Review

Learning outcomes

FI: Course learning outcomes: After completing the course, the course participants will

- Master an understanding of the peer review process in academic publishing
- Be able to appropriately provide and respond to peer feedback related to academic publications (abstracts, articles, etc.).

SV: Course learning outcomes: After completing the course, the course participants will

- Master an understanding of the peer review process in academic publishing
- Be able to appropriately provide and respond to peer feedback related to academic publications (abstracts, articles, etc.).

EN: Course learning outcomes: After completing the course, the course participants will

- Master an understanding of the peer review process in academic publishing
- Be able to appropriately provide and respond to peer feedback related to academic publications (abstracts, articles, etc.).

Content

FI: This course guides participants through the peer review process, both as the individual receiving feedback as well as providing it. We will first discuss the various ways in which individuals serve as peer reviewers. Then, we will address how to provide feedback as a peer reviewer for a specific journal or publication or as a conference referee. Next, we will examine peer review feedback typically received as a part of the publication process, focussing on how to respond to and incorporate such feedback in manuscripts both accepted and rejected for publication. We focus throughout on how to tactfully and respectfully disagree with reviewers' criticisms and suggestions.

SV: This course guides participants through the peer review process, both as the individual receiving feedback as well as providing it. We will first discuss the various ways in which individuals serve as peer reviewers. Then, we will address how to provide feedback as a peer reviewer for a specific journal or publication or as a conference referee. Next, we will examine peer review feedback typically received as a part of the publication process, focussing on how to respond to and incorporate such feedback in manuscripts both accepted and rejected for publication. We focus throughout on how to tactfully and respectfully disagree with reviewers' criticisms and suggestions.

EN: This course guides participants through the peer review process, both as the individual receiving feedback as well as providing it. We will first discuss the various ways in which individuals serve as peer reviewers. Then, we will address how to provide feedback as a peer reviewer for a specific journal or publication or as a conference referee. Next, we will examine peer review feedback typically received as a part of the publication process, focussing on how to respond to and incorporate such feedback in manuscripts both accepted and rejected for publication. We focus throughout on how to tactfully and respectfully disagree with reviewers' criticisms and suggestions.

Additional information

FI:

Completion methods (general description)

Participation in teaching

Contact lessons and independent/group work.

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Attandance in the remote lessons is required; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

100% attendance required.

Assessment practices and criteria

PASS/FAIL

Learning activities and methods

In-class lectures and discussions are combined with group work and peer and instructor reviews and feedback.

Target groups

Doctoral researchers.

Recommended time or stage of studies for completion

The recommended time of completion is during the first two years of the programme.

Study modules

Compulsory/optional course: Optional

- Coordinating degree programme: Doctoral School in Health Sciences
- The course belongs to the following module: General Transferable Skills
- Availability of the course to students of other degree programmes: Yes, but subject to capacity

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching

Contact lessons and independent/group work.

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Attandance in the remote lessons is required; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

100% attendance required.

Assessment practices and criteria

PASS/FAIL

Learning activities and methods

In-class lectures and discussions are combined with group work and peer and instructor reviews and feedback.

Target groups

Doctoral researchers.

Recommended time or stage of studies for completion

The recommended time of completion is during the first two years of the programme.

Study modules

Compulsory/optional course: Optional

- Coordinating degree programme: Doctoral School in Health Sciences
- The course belongs to the following module: General Transferable Skills
- Availability of the course to students of other degree programmes: Yes, but subject to capacity

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching

Contact lessons and independent/group work.

If organised as *contact teaching*: 12 contact lessons with three face-to-face meetings and 15 hours of independent/group work between the meetings.

If organised *on-line*: Attandance in the remote lessons is required; the teacher will email more information before the course starts.

Please check the specific course you are planning to take, which of the above options applies.

100% attendance required.

Assessment practices and criteria

PASS/FAIL

Learning activities and methods

In-class lectures and discussions are combined with group work and peer and instructor reviews and feedback.

Target groups

Doctoral researchers.

Recommended time or stage of studies for completion

The recommended time of completion is during the first two years of the programme.

Study modules

Compulsory/optional course: Optional

- Coordinating degree programme: Doctoral School in Health Sciences
- The course belongs to the following module: General Transferable Skills
- Availability of the course to students of other degree programmes: Yes, but subject to capacity

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1 cr
Participation in teaching		1 cr

PHD-211 Principles of Scientific Writing for Health Scientists 2 - from proposal to paper

PHD-211 Principles of Scientific Writing for Health Scientists 2 - from proposal to paper

PHD-211 Principles of Scientific Writing for Health Scientists 2 - from proposal to paper

Abbreviation: Principles of Scientific Writing for Health Scientists 2 - from proposal to paper

Curriculum periods 2023-24, 2024-25, 2025-26

Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible persons	Anna Keski-Rahkonen, Responsible teacher Yasmina Silen, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Medical science

Prerequisites

FI:

Prerequisites (free text)

Principles of Scientific Writing for Health Scientists - course

Compulsory prerequisites

Principles of Scientific Writing for Health Scientists - course

SV:

Prerequisites (free text)

Principles of Scientific Writing for Health Scientists - course

Compulsory prerequisites

Principles of Scientific Writing for Health Scientists - course

EN:

Prerequisites (free text)

Principles of Scientific Writing for Health Scientists - course

Compulsory prerequisites

Principles of Scientific Writing for Health Scientists - course

Equivalences to other studies

921315 Principles of Scientific Writing 2 - from proposal to paper

DOCPOP-132 Principles of Scientific Writing 2 - from proposal to paper

Equivalences (free text field)

FI: Docpop-132
921315

SV: Docpop-132
921315

PHD-211

Principles of Scientific Writing for Health Scientists 2 - from proposal to paper

EN: Docpop-132
921315

PHD-211

Principles of Scientific Writing for Health Scientists 2 - from proposal to paper

Learning outcomes

FI: The aim of the course is to facilitate the paper writing process and to familiarize the students with typical format the conventions of scientific papers. The course assignments and peer feedback will help the DCs to develop their writing skills and communicate more clearly. The ultimate goal is to complete key sections of a participant's paper by the end of semester

SV: The aim of the course is to facilitate the paper writing process and to familiarize the students with typical format the conventions of scientific papers. The course assignments and peer feedback will help the DCs to develop their writing skills and communicate more clearly. The ultimate goal is to complete key sections of a participant's paper by the end of semester

EN: The aim of the course is to facilitate the paper writing process and to familiarize the students with typical format the conventions of scientific papers. The course assignments and peer feedback will help the DCs to develop their writing skills and communicate more clearly. The ultimate goal is to complete key sections of a participant's paper by the end of semester

Content

FI: During this intensive two-day course, we will practice structuring and writing the different sections of a typical scientific paper. Day 1: Abstract, Introduction, Methods Day 2: How to Tell a Story, Results, Discussion

SV: During this intensive two-day course, we will practice structuring and writing the different sections of a typical scientific paper. Day 1: Abstract, Introduction, Methods Day 2: How to Tell a Story, Results, Discussion

EN: During this intensive two-day course, we will practice structuring and writing the different sections of a typical scientific paper. Day 1: Abstract, Introduction, Methods Day 2: How to Tell a Story, Results, Discussion

Additional information

FI:

Completion methods (general description)

Participation in teaching. This interactive course consists of mini-lectures and practical exercises, attendance required.

Assessment practices and criteria

Receiving credits requires attendances in all lectures and finishing all assignments

Learning activities and methods

Workshop: group work, lectures, take-home assignments

Target groups

Doctoral researchers in health sciences

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching. This interactive course consists of mini-lectures and practical exercises, attendance required.

Assessment practices and criteria

Receiving credits requires attendances in all lectures and finishing all assignments

Learning activities and methods

Workshop: group work, lectures, take-home assignments

Target groups

Doctoral researchers in health sciences

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching. This interactive course consists of mini-lectures and practical exercises, attendance required.

Assessment practices and criteria

Receiving credits requires attendances in all lectures and finishing all assignments

Learning activities and methods

Workshop: group work, lectures, take-home assignments

Target groups

Doctoral researchers in health sciences

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Study materials

FI: English

SV: English

EN: English

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr
Method 2		2 cr
Independent study		2 cr

PHD-210 Principles of Scientific Writing for Health Scientists

PHD-210 Principles of Scientific Writing for Health Scientists

PHD-210 Principles of Scientific Writing for Health Scientists

Abbreviation: Principles of Scientific Writing for Health Scientists

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible persons	Anna Keski-Rahkonen, Responsible teacher Yasmina Silen, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Medical science

Equivalences to other studies

Health-131 Principles of Scientific Writing

921310 Principles of Scientific Writing

DOCPOP-134 Principles of Scientific Writing

Equivalences (free text field)

FI: Health-131
Docpop-134

921310

SV: Health-131
Docpop-134

921310

PHD-210

Principles of Scientific Writing for Health Scientists

EN: Health-131
Docpop-134

921310

PHD-210

Principles of Scientific Writing for Health Scientists

Learning outcomes

FI: The doctoral candidates will learn how to:

- hone your message

- build compelling sentences
- declutter your paragraphs
- refine your writing style

This practical course helps doctoral students to define the basic message of their scientific paper, their target audience. We will also learn about style rules, basic sentence structure, paragraph structure and organization of key sections in the paper.

SV: The doctoral candidates will learn how to:

- hone your message
- build compelling sentences
- declutter your paragraphs
- refine your writing style

This practical course helps doctoral students to define the basic message of their scientific paper, their target audience. We will also learn about style rules, basic sentence structure, paragraph structure and organization of key sections in the paper.

EN: The doctoral candidates will learn how to:

- hone your message
- build compelling sentences
- declutter your paragraphs
- refine your writing style

This practical course helps doctoral students to define the basic message of their scientific paper, their target audience. We will also learn about style rules, basic sentence structure, paragraph structure and organization of key sections in the paper.

Content

FI: Workshop: group work, lectures, take-home assignments. Doctoral candidates can bring their own manuscripts to the course and work on them

SV: Workshop: group work, lectures, take-home assignments. Doctoral candidates can bring their own manuscripts to the course and work on them

EN: Workshop: group work, lectures, take-home assignments. Doctoral candidates can bring their own manuscripts to the course and work on them

Additional information

FI:

Completion methods (general description)

Participation in teaching. Workshop: group work, lectures, take-home assignments, attendance required.

Assessment practices and criteria

Receiving credits requires attendances in all lectures and finishing all assignments.

Learning activities and methods

Workshop: group work, lectures, take-home assignments

Target groups

Doctoral researchers in health sciences

Recommended time or stage of studies for completion

The course can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching. Workshop: group work, lectures, take-home assignments, attendance required.

Assessment practices and criteria

Receiving credits requires attendances in all lectures and finishing all assignments.

Learning activities and methods

Workshop: group work, lectures, take-home assignments

Target groups

Doctoral researchers in health sciences

Recommended time or stage of studies for completion

The course can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching. Workshop: group work, lectures, take-home assignments, attendance required.

Assessment practices and criteria

Receiving credits requires attendances in all lectures and finishing all assignments.

Learning activities and methods

Workshop: group work, lectures, take-home assignments

Target groups

Doctoral researchers in health sciences

Recommended time or stage of studies for completion

The course can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr
Method 2		2 cr
Independent study		2 cr

PHD-212 Science in Society

PHD-212 Science in Society

PHD-212 Science in Society

Abbreviation: Science in Society

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	5 cr

Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	Jaakko Taipale, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-910 Science in Society

920210 Science in Society

Equivalences (free text field)

FI: HYMY-910, 920210

SV: HYMY-910, 920210
PHD-212
Science in Society

EN: HYMY-910, 920210
PHD-212
Science in Society

Content

FI: The course Science in Society (SiS) (5 ECTS) examines how science and scientific expertise relate to society and contemporary social issues. The course draws from science and technology studies, philosophy of science, communication studies, and studies in higher education.
The first main goal of the course is to provide the participants perspectives on how scientific knowledge and expertise interact and intertwine with society. The second main goal is to provide the participants some conceptual tools to reflect on their own topical fields and disciplines as well as the participants' developing expertise in their field.
In providing the participants with current perspectives into the science-society interaction, and in requiring the students to engage the topic in argumentation and discussion, the course will provide the participants with a knowledge base and transferable skills for their future exploits both in academic research and professional work outside academia.

SV: The course Science in Society (SiS) (5 ECTS) examines how science and scientific expertise relate to society and contemporary social issues. The course draws from science and technology studies, philosophy of science, communication studies, and studies in higher education.
The first main goal of the course is to provide the participants perspectives on how scientific knowledge and expertise interact and intertwine with society. The second main goal is to provide the participants some conceptual tools to reflect on their own topical fields and disciplines as well as the participants' developing expertise in their field.
In providing the participants with current perspectives into the science-society interaction, and in requiring the students to engage the topic in argumentation and discussion, the course will provide the participants with a knowledge base and transferable skills for their future exploits both in academic research and professional work outside academia.

EN: The course Science in Society (SiS) (5 ECTS) examines how science and scientific expertise relate to society and contemporary social issues. The course draws from science and technology studies, philosophy of science, communication studies, and studies in higher education.
The first main goal of the course is to provide the participants perspectives on how scientific knowledge and expertise interact and intertwine with society. The second main goal is to provide the participants some conceptual tools to reflect on their own topical fields and disciplines as well as the participants' developing expertise in their field.
In providing the participants with current perspectives into the science-society interaction, and in requiring the students to engage the topic in argumentation and discussion, the course will provide the participants

with a knowledge base and transferable skills for their future exploits both in academic research and professional work outside academia.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

Required coursework (see below lectures intro for more detailed info)

The course completion entails:
1. Participating to all six lectures (very good excuses for absences apply and cause extra coursework)
2. writing a short **preliminary text** (see below) **before the course begins**
3. completing the weekly reading + course diary exercises (see below)
4. completing the groupwork, and participating to the final groupwork session (see below)

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

Required coursework (see below lectures intro for more detailed info)

The course completion entails:
1. Participating to all six lectures (very good excuses for absences apply and cause extra coursework)
2. writing a short **preliminary text** (see below) **before the course begins**
3. completing the weekly reading + course diary exercises (see below)
4. completing the groupwork, and participating to the final groupwork session (see below)

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

Required coursework (see below lectures intro for more detailed info)

The course completion entails:
1. Participating to all six lectures (very good excuses for absences apply and cause extra coursework)
2. writing a short **preliminary text** (see below) **before the course begins**
3. completing the weekly reading + course diary exercises (see below)
4. completing the groupwork, and participating to the final groupwork session (see below)

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Study materials

FI: Lectures, topical outline:
Changing Universities, Changing societies
Scientific ethos and its change
What is expertise? / Experts in society
Freedom of speech in science
Responsible and engaging science
Interdisciplinarity – making a career or risking it? (+ finding a controversy that suits you: a primer to group work)

Groupwork phase
Groupwork sessions take place a few weeks after last lecture, we'll take a longer session/s of 2-3 hours to make it through all groups and discuss their work

Lectures
All lectures are 60-90 minute face-to-face lectures.
The first lecture begins with a short practical introduction to the course and required coursework.

Preliminary text:
The participants are required to write **one to two (1-2) page paper (12 ppt, 1,15)** in which they a) freely reflect on their own developing expertise, and its relation to society and societal institutions (including the university). In addition, participants should b) single out some visible or otherwise prominent scholars (experts) in their field(s) of study (they can be international figures) and also c) either single out one or more central controversies in their field(s) of study, or just an interesting controversy in society that involves scientific experts – write a short description/analysis about points a)-c). The **deadline** for the preliminary text is **Thursday before the forst week of course**). You can post the text to a Moodle folder (opens on course page on the same week).
Some information from the preliminary texts might be used during the course as resources for teaching and discussion, however, don't stress about it too much – reflect freely.

Weekly course diary:
We will use Moodle for the course diary. (NB. you are required to do the readings also for the first lecture.)
The Moodle course diary idea is this:
Before each lecture: participants are required to familiarize with the provided readings AND then 1) **post a single comment** of c. 250 words **to Moodle** (at the latest) the night before the lecture. In addition, participants are required to 2) **comment shortly** (c. 100-150 words) on **1-2 participant postings** – this is intended to generate discussion about the readings. Hint: You can determine the central point in the reading(s), and then elaborate on that, or if there is something that you did not understand or found difficult, you can also discuss that. The point is just to write and process the text, and perhaps also to provide the lecturer some clues as to what they should explain in more detail during the lecture. In general: Do your best, be constructive, be short!
After the lecture: go to Moodle, and post your thoughts on the lecture, or any thoughts that came upon you that relate to the topic. Comment on other people's thoughts if you are inspired. After Tuesday lecture, post your thoughts on Wednesday before noon at the latest; after Thursday lecture, post your thoughts on Friday.

Groupwork
The participants engage in a simple groupwork exercise in groups of 2-4. These groups are determined by the course coordinator based on the participants' preliminary texts; however, you can request to do the groupwork alone or a transfer to another group. Don’t hesitate to bring up any issues with the course coordinator!
The idea of the groupwork is to use the conceptual tools provided in the lectures to analyze a public controversy that involves science or scientific experts somehow. The topic or controversy is completely free to choose, however, the group should demonstrate that they have learned approaches and perspectives from the readings and lectures. The completion of groupwork requires a three-page paper describing the case and a short analysis that all small group participants have contributed towards. These short papers will be circulated and discussed during the last session

SV: Lectures, topical outline:
Changing Universities, Changing societies
Scientific ethos and its change
What is expertise? / Experts in society
Freedom of speech in science
Responsible and engaging science
Interdisciplinarity – making a career or risking it? (+ finding a controversy that suits you: a primer to group work)

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Groupwork sessions take place a few weeks after last lecture, we'll take a longer session/s of 2-3 hours to make it through all groups and discuss their work

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All lectures are 60-90 minute face-to-face lectures.
The first lecture begins with a short practical introduction to the course and required coursework.

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EN: Lectures, topical outline:
Changing Universities, Changing societies
Scientific ethos and its change
What is expertise? / Experts in society
Freedom of speech in science
Responsible and engaging science
Interdisciplinarity – making a career or risking it? (+ finding a controversy that suits you: a primer to group work)

Groupwork phase
Groupwork sessions take place a few weeks after last lecture, we'll take a longer session/s of 2-3 hours to make it through all groups and discuss their work

Lectures
All lectures are 60-90 minute face-to-face lectures.
The first lecture begins with a short practical introduction to the course and required coursework.

Preliminary text:
The participants are required to write **one to two (1-2) page paper (12 ppt, 1,15)** in which they a) freely reflect on their own developing expertise, and its relation to society and societal institutions (including the university). In addition, participants should b) single out some visible or otherwise prominent scholars (experts) in their field(s) of study (they can be international figures) and also c) either single out one or more central controversies in their field(s) of study, or just an interesting controversy in society that involves scientific experts – write a short description/analysis about points a)-c). The **deadline** for the preliminary text is **Thursday before the forst week of course**). You can post the text to a Moodle folder (opens on course page on the same week).

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Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr

PHD-217 Storytelling for Health Scientists

PHD-217 Storytelling for Health Scientists

PHD-217 Storytelling for Health Scientists

Abbreviation: Storytelling for Health Scientists

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	3 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Medical science

Equivalences (free text field)

SV: PHD-217
Storytelling for Health Scientists

EN: PHD-217
Storytelling for Health Scientists

Learning outcomes

FI: This course will give scientists and health and medical researchers a foundational introduction to the hidden methods of storytelling.

SV: This course will give scientists and health and medical researchers a foundational introduction to the hidden methods of storytelling.

EN: This course will give scientists and health and medical researchers a foundational introduction to the hidden methods of storytelling.

Content

FI: Science and medicine are under threat from competing stories in the popular imagination and in the political realm. Scientists, health researchers, and doctors today confront confusion over medical realities and treatments, denials of climate change, and other challenges, including questions about the validity of science itself. At the same time, science and medicine are more complex and specialized than ever, while also becoming more deeply entangled with public policy and global crises. Yet resources for educating the public and communicating about science through media outlets are shrinking. As a result, scientists and medical experts are realizing they must learn how to communicate better with policymakers, the popular media, and even directly with the general public. While scientists and medical experts often assume that simply explaining science better will solve the problem, communications research reveals that scientists must actually master a very different set of skills: the techniques of storytelling, which can appeal to the psychology and emotions of broader audiences. These techniques are used by the most successful journalists, popular writers, novelists, and filmmakers, but they remain underused in the world of science and medicine. This course will give scientists and health and medical researchers a foundational introduction to the hidden methods of storytelling. We will study examples from the best literary journalism about science and medicine, as well as from novels and mainstream movies, to find techniques that scientists and medical experts can borrow while remaining true to scientific principles. Students will acquire hands-on experience and confidence by developing their own short article projects, workshopping each other's drafts, receiving feedback from the instructor, and optionally submitting their article projects for publication. Students who are interested in careers beyond research will discover some of the approaches to communication that become possible with foundational knowledge of storytelling, and guest visitors during the course will introduce us to opportunities in Finland for communicating beyond the academy.

SV: Science and medicine are under threat from competing stories in the popular imagination and in the political realm. Scientists, health researchers, and doctors today confront confusion over medical realities and treatments, denials of climate change, and other challenges, including questions about the validity of science itself. At the same time, science and medicine are more complex and specialized than ever, while also becoming more deeply entangled with public policy and global crises. Yet resources for educating the public and communicating about science through media outlets are shrinking. As a result, scientists and medical experts are realizing they must learn how to communicate better with policymakers, the popular media, and even directly with the general public. While scientists and medical experts often assume that simply explaining science better will solve the problem, communications research reveals that scientists must actually master a very different set of skills: the techniques of storytelling, which can appeal to the psychology and emotions of broader audiences. These techniques are used by the most successful journalists, popular writers, novelists, and filmmakers, but they remain underused in the world of science and medicine. This course will give scientists and health and medical researchers a foundational introduction to the hidden methods of storytelling. We will study examples from the best literary journalism about science and medicine, as well as from novels and mainstream movies, to find techniques that scientists and medical experts can borrow while remaining true to scientific principles. Students will acquire hands-on experience and confidence by developing their own short article projects, workshopping each other's drafts, receiving feedback from the instructor, and optionally submitting their article projects for publication. Students who are interested in careers beyond research will discover some of the approaches to communication that become possible with foundational knowledge of storytelling, and guest visitors during the course will introduce us to opportunities in Finland for communicating beyond the academy.

EN: Science and medicine are under threat from competing stories in the popular imagination and in the political realm. Scientists, health researchers, and doctors today confront confusion over medical realities and treatments, denials of climate change, and other challenges, including questions about the validity of science itself. At the same time, science and medicine are more complex and specialized than ever, while also becoming more deeply entangled with public policy and global crises. Yet resources for educating the public and communicating about science through media outlets are shrinking. As a result, scientists and medical experts are realizing they must learn how to communicate better with policymakers, the popular media, and even directly with the general public. While scientists and medical experts often assume that simply explaining science better will solve the problem, communications research reveals that scientists must actually master a very different set of skills: the techniques of storytelling, which can appeal to the psychology and emotions of broader audiences. These techniques are used by the most successful journalists, popular writers, novelists, and filmmakers, but they remain underused in the world of science and medicine. This course will give scientists and health and medical researchers a foundational introduction to the hidden methods of storytelling. We will study examples from the best literary journalism about science and medicine, as well as from novels and mainstream movies, to find techniques that scientists and medical experts can borrow while remaining true to scientific principles. Students will acquire hands-on experience and confidence by developing their own short article projects, workshopping each other's drafts, receiving feedback from the instructor, and optionally submitting their article projects for publication. Students who are interested in careers beyond research will discover some of the approaches to communication that become possible with foundational knowledge of storytelling, and guest visitors during the course will introduce us to opportunities in Finland for communicating beyond the academy.

Additional information

FI:

Assessment practices and criteria

pass/fail, active participation and completion of the course assignments. Attendance (at least 80%) and participation for this course are mandatory

Target groups

Doctoral researchers in health sciences

Recommended time or stage of studies for completion

At any stage of doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Assessment practices and criteria

pass/fail, active participation and completion of the course assignments. Attendance (at least 80%) and participation for this course are mandatory

Target groups

Doctoral researchers in health sciences

Recommended time or stage of studies for completion

At any stage of doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Assessment practices and criteria

pass/fail, active participation and completion of the course assignments. Attendance (at least 80%) and participation for this course are mandatory

Target groups

Doctoral researchers in health sciences

Recommended time or stage of studies for completion

At any stage of doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		3 cr
Participation in teaching		3 cr
Method 2		3 cr
Independent study		3 cr

TIVI-Y911 Tiedeviestintä: Asiantuntijana digitaalisessa mediassa

TIVI-Y911 Tiedeviestintä: Asiantuntijana digitaalisessa mediassa

TIVI-Y911 Tiedeviestintä: Asiantuntijana digitaalisessa mediassa

Abbreviation: Tiedeviestintä: Asiantuntijana digitaalisessa mediassa

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	5 cr
Languages	English, Finnish, Swedish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	Doctoral Programme in Social Sciences 100%
Responsible person	Esa Väliverronen, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences

Equivalences (free text field)

SV: TIVI-Y911
Tiedeviestintä: Asiantuntijana digitaalisessa mediassa

EN: TIVI-Y911
Tiedeviestintä: Asiantuntijana digitaalisessa mediassa

Learning outcomes

FI: Opintojakson suoritettuaan opiskelija ymmärtää digitaalisen median mahdollisuudet tiedeviestinnässä ja oman asiantuntijuuden rakentamisessa. Hän osaa asiantuntijana valita ja käyttää digitaalisen median työkaluja. Hän osaa käyttää strategisesti sosiaalisen median palveluja sekä hyödyntää tekstuaalisia ja visuaalisia viestintätyökaluja ja tyylejä viestinnässään.

SV: Opintojakson suoritettuaan opiskelija ymmärtää digitaalisen median mahdollisuudet tiedeviestinnässä ja oman asiantuntijuuden rakentamisessa. Hän osaa asiantuntijana valita ja käyttää digitaalisen median työkaluja. Hän osaa käyttää strategisesti sosiaalisen median palveluja sekä hyödyntää tekstuaalisia ja visuaalisia viestintätyökaluja ja tyylejä viestinnässään.

EN: Opintojakson suoritettuaan opiskelija ymmärtää digitaalisen median mahdollisuudet tiedeviestinnässä ja oman asiantuntijuuden rakentamisessa. Hän osaa asiantuntijana valita ja käyttää digitaalisen median työkaluja. Hän osaa käyttää strategisesti sosiaalisen median palveluja sekä hyödyntää tekstuaalisia ja visuaalisia viestintätyökaluja ja tyylejä viestinnässään.

Content

FI: Kurssilla käsitellään seuraavia asioita ja näkökulmia:
-tiedeviestinnän ja sosiaalisen median muuttuminen

-tutkija viestijänä ja brändinä

-strategisen viestinnän näkökulma asiantuntijaviestintään

-tutkimuksen popularisointi verkossa

-visuaalinen viestintä popularisoinnin keinona

-viestinnän tehokkuus ja mittaaminen

SV: Kurssilla käsitellään seuraavia asioita ja näkökulmia:
-tiedeviestinnän ja sosiaalisen median muuttuminen

-tutkija viestijänä ja brändinä

-strategisen viestinnän näkökulma asiantuntijaviestintään

-tutkimuksen popularisointi verkossa

-visuaalinen viestintä popularisoinnin keinona

-viestinnän tehokkuus ja mittaaminen

EN: Kurssilla käsitellään seuraavia asioita ja näkökulmia:
-tiedeviestinnän ja sosiaalisen median muuttuminen

-tutkija viestijänä ja brändinä

-strategisen viestinnän näkökulma asiantuntijaviestintään

-tutkimuksen popularisointi verkossa

-visuaalinen viestintä popularisoinnin keinona

-viestinnän tehokkuus ja mittaaminen

Additional information

FI:

Target groups

-väitöskirjatutkijat

-politiikan ja viestinnän koulutusohjelman maisteriopiskelijat

Teaching period when the course will be offered

2.

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

SV:

Target groups

-väitöskirjatutkijat

-politiikan ja viestinnän koulutusohjelman maisteriopiskelijat

Teaching period when the course will be offered

2.

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

EN:

Target groups

-väitöskirjatutkijat

-politiikan ja viestinnän koulutusohjelman maisteriopiskelijat

Teaching period when the course will be offered

2.

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Exam		5 cr
Method 3		5 cr
Independent study		5 cr

TIVI-Y912 Scientific journalism

TIVI-Y912 Tiedeviestintä Tiedejournalismi

TIVI-Y912 Tiedeviestintä Tiedejournalismi

Abbreviation: Tiedeviestintä Tiedejournalismi

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	5 cr
Languages	English, Finnish, Swedish
Grading scale	General scale, 0-5
University	University of Helsinki
Responsible organisation	Doctoral Programme in Social Sciences 100%
Responsible person	Tuomo Mörä, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences

Equivalences (free text field)

SV: TIVI-Y912
Tiedeviestintä Tiedejournalismi

EN: TIVI-Y912
Scientific journalism

Learning outcomes

FI: Opintojakson suoritettuaan opiskelijalla on käsitys tiedejournalistin työstä. Hän ymmärtää millaisella logiikalla tiedejournalismia tehdään ja hänellä valmiuksia tuottaa tiedejournalismia sekä tehdä tieteestä artikkeleita eri viestimiin.

After completing the course, the student has an understanding of the work and language of a science journalist. They understands the logic of science journalism and has the ability to produce science journalism and make science articles into a variety of media.

SV: Opintojakson suoritettuaan opiskelijalla on käsitys tiedejournalistin työstä. Hän ymmärtää millaisella logiikalla tiedejournalismia tehdään ja hänellä valmiuksia tuottaa tiedejournalismia sekä tehdä tieteestä artikkeleita eri viestimiin.

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EN: Opintojakson suoritettuaan opiskelijalla on käsitys tiedejournalistin työstä. Hän ymmärtää millaisella logiikalla tiedejournalismia tehdään ja hänellä valmiuksia tuottaa tiedejournalismia sekä tehdä tieteestä artikkeleita eri viestimiin.

After completing the course, the student has an understanding of the work and language of a science journalist. They understands the logic of science journalism and has the ability to produce science journalism and make science articles into a variety of media.

Content

FI: Opintojaksolla tutustutaan tiedejournalismiin ja juttujen tekemiseen tiedetoimittajan opastuksella. Jaksossa perehdytään journalistiseen prosessiin ja visuaalisuuden merkitykseen tiedejournalismissa. Harjoitustyönä tehdään laajempi journalistinen artikkeli ja työstämiseen saadaan henkilökohtaista palautetta.

The course introduces science journalism and doing articles with the guidance of a science journalist. The course introduces the journalistic process and the importance of visuality in scientific journalism. An extensive journalistic article is done as an exercise and personal feedback is received on the work.

SV: Opintojaksolla tutustutaan tiedejournalismiin ja juttujen tekemiseen tiedetoimittajan opastuksella. Jaksossa perehdytään journalistiseen prosessiin ja visuaalisuuden merkitykseen tiedejournalismissa. Harjoitustyönä tehdään laajempi journalistinen artikkeli ja työstämiseen saadaan henkilökohtaista palautetta.

The course introduces science journalism and doing articles with the guidance of a science journalist. The course introduces the journalistic process and the importance of visuality in scientific journalism. An extensive journalistic article is done as an exercise and personal feedback is received on the work.

EN: Opintojaksolla tutustutaan tiedejournalismiin ja juttujen tekemiseen tiedetoimittajan opastuksella. Jaksossa perehdytään journalistiseen prosessiin ja visuaalisuuden merkitykseen tiedejournalismissa. Harjoitustyönä tehdään laajempi journalistinen artikkeli ja työstämiseen saadaan henkilökohtaista palautetta. The course introduces science journalism and doing articles with the guidance of a science journalist. The course introduces the journalistic process and the importance of visuality in scientific journalism. An extensive journalistic article is done as an exercise and personal feedback is received on the work.

Additional information

FI:

Completion methods (general description)

Osallistuminen opetukseen.

Participation in teaching.

Learning activities and methods

Kontaktiopetus, tehtävät ja henkilökohtainen ohjaus

Contact teaching, assignments and personal tutoring

Target groups

Valinnainen. Opintojakso on tarjolla HY:n kaikkien jatkokoulutusohjelmien opiskelijoille (ensisijaisesti Tiedeviestinnän opintokokonaisuuteen valituille).

Optional. The course is available to students of all postgraduate programs at the University of Helsinki (primarily those selected for the Science Communication study unit).

Teaching period when the course will be offered

1.

Recommended time or stage of studies for completion

1.-2 vuosi

1.-2 year

Study modules

Tiedeviestinnän opintokokonaisuus, yleiset valmiustaidot/ Transferable skills.

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Osallistuminen opetukseen.

Participation in teaching.

Learning activities and methods

Kontaktiopetus, tehtävät ja henkilökohtainen ohjaus

Contact teaching, assignments and personal tutoring

Target groups

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Teaching period when the course will be offered

1.

Recommended time or stage of studies for completion

1.-2 vuosi

1.-2 year

Study modules

Tiedeviestinnän opintokokonaisuus, yleiset valmiustaidot/ Transferable skills.

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Osallistuminen opetukseen.

Participation in teaching.

Learning activities and methods

Kontaktiopetus, tehtävät ja henkilökohtainen ohjaus

Contact teaching, assignments and personal tutoring

Target groups

Valinnainen. Opintojakso on tarjolla HY:n kaikkien jatkokoulutusohjelmien opiskelijoille (ensisijaisesti Tiedeviestinnän opintokokonaisuuteen valituille).

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Teaching period when the course will be offered

1.

Recommended time or stage of studies for completion

1.-2 vuosi

1.-2 year

Study modules

Tiedeviestinnän opintokokonaisuus, yleiset valmiustaidot/ Transferable skills.

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Study materials

FI: Opettaja ilmoittaa kurssilla.
The teacher will inform you on the course.

SV: Opettaja ilmoittaa kurssilla.
The teacher will inform you on the course.

EN: Opettaja ilmoittaa kurssilla.
The teacher will inform you on the course.

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Exam		5 cr
Method 3		5 cr
Independent study		5 cr

TIVI-Y913 Tiedeviestintä Tieteen popularisointi

TIVI-Y913 Tiedeviestintä Tieteen popularisointi

TIVI-Y913 Tiedeviestintä Tieteen popularisointi

Abbreviation: Tiedeviestintä Tieteen popularisointi

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026

Credits	5 cr
Languages	English, Finnish, Swedish
Grading scale	General scale, 0-5
University	University of Helsinki
Responsible organisation	Doctoral Programme in Social Sciences 100%
Responsible person	Tuomo Mörä, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences

Equivalences (free text field)

SV: TIVI-Y913
Tiedeviestintä Tieteen popularisointi

EN: TIVI-Y913
Tiedeviestintä Tieteen popularisointi

Learning outcomes

FI: Opintojakson suoritettuaan opiskelijalla on käsitys siitä, miten tiedekeskus toimii, miten näyttelyitä rakennetaan ja hänellä on valmiuksia tieteen popularisointiin. Jakson suoritettuaan opiskelija tuntee tieteen popularisoinnin periaatteet ja käytännöt tiedekeskuksen näyttelytoiminnassa ja näyttelyn rakentamisessa.

SV: Opintojakson suoritettuaan opiskelijalla on käsitys siitä, miten tiedekeskus toimii, miten näyttelyitä rakennetaan ja hänellä on valmiuksia tieteen popularisointiin. Jakson suoritettuaan opiskelija tuntee tieteen popularisoinnin periaatteet ja käytännöt tiedekeskuksen näyttelytoiminnassa ja näyttelyn rakentamisessa.

EN: Opintojakson suoritettuaan opiskelijalla on käsitys siitä, miten tiedekeskus toimii, miten näyttelyitä rakennetaan ja hänellä on valmiuksia tieteen popularisointiin. Jakson suoritettuaan opiskelija tuntee tieteen popularisoinnin periaatteet ja käytännöt tiedekeskuksen näyttelytoiminnassa ja näyttelyn rakentamisessa.

Content

FI: Opiskelijat perehtyvät näyttelyjen suunnitteluun ja tiedotusprojekteihin tiedekeskuksen henkilökunnan ohjauksessa. He tekevät ryhmätyönä tiedekeskuksen näyttelynrakentamista tai tiedotusprojektia tukevan harjoitustyön.

SV: Opiskelijat perehtyvät näyttelyjen suunnitteluun ja tiedotusprojekteihin tiedekeskuksen henkilökunnan ohjauksessa. He tekevät ryhmätyönä tiedekeskuksen näyttelynrakentamista tai tiedotusprojektia tukevan harjoitustyön.

EN: Opiskelijat perehtyvät näyttelyjen suunnitteluun ja tiedotusprojekteihin tiedekeskuksen henkilökunnan ohjauksessa. He tekevät ryhmätyönä tiedekeskuksen näyttelynrakentamista tai tiedotusprojektia tukevan harjoitustyön.

Additional information

FI:

Target groups

Väitöskirjatutkijat

Teaching period when the course will be offered

3.-4 periodi

Study modules

Yleiset valmiustaidot.

Expiry of studies

Expiry of studies

Languages of instruction
Suomi

EQF level
Doctoral/EQF level 8

SV:

Target groups
Väitöskirjatutkijat

Teaching period when the course will be offered
3.-4 periodi

Study modules
Yleiset valmiustaidot.

Expiry of studies
Expiry of studies

Languages of instruction
Suomi

EQF level
Doctoral/EQF level 8

EN:

Target groups
Väitöskirjatutkijat

Teaching period when the course will be offered
3.-4 periodi

Study modules
Yleiset valmiustaidot.

Expiry of studies
Expiry of studies

Languages of instruction
Suomi

EQF level
Doctoral/EQF level 8

Study materials

FI: Ilmoitetaan kurssin alussa.

SV: Ilmoitetaan kurssin alussa.

EN: Ilmoitetaan kurssin alussa.

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Exam		5 cr
Method 3		5 cr
Independent study		5 cr

PHD-213 Tutkijan verkkokirjoittaminen

PHD-213 Tutkijan verkkokirjoittaminen
PHD-213 Tutkijan verkkokirjoittaminen

Abbreviation: Tutkijan verkkokirjoittaminen

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	3 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-926 Online writing for researchers

Equivalences (free text field)

FI: HYMY-926

SV: HYMY-926
PHD-213
Tutkijan verkkokirjoittaminen

EN: HYMY-926
PHD-213
Tutkijan verkkokirjoittaminen

Learning outcomes

FI: *Opintojakson suoritettuaan tohtorikoulutettavat*

1) osaavat hahmottaa

- *mitä ovat verkkokirjoittamisen peruskysymykset ja eri lajit (esim. bloggaaminen, sosiaalinen media)*
- *kuinka verkossa toimitaan asiantuntijana*
- *mitä ovat verkkokirjoittamisen keskeiset eettiset kysymykset*
- *miten tuotetaan mieleenjäävää materiaalia verkkoon.*

2) ovat löytäneet itselleen sopivan tavan toimia verkossa.

SV: *Opintojakson suoritettuaan tohtorikoulutettavat*
1) osaavat hahmottaa

- *mitä ovat verkkokirjoittamisen peruskysymykset ja eri lajit (esim. bloggaaminen, sosiaalinen media)*
- *kuinka verkossa toimitaan asiantuntijana*
- *mitä ovat verkkokirjoittamisen keskeiset eettiset kysymykset*
- *miten tuotetaan mieleenjäävää materiaalia verkkoon.*

2) ovat löytäneet itselleen sopivan tavan toimia verkossa.

EN: *Opintojakson suoritettuaan tohtorikoulutettavat*
1) osaavat hahmottaa

- *mitä ovat verkkokirjoittamisen peruskysymykset ja eri lajit (esim. bloggaaminen, sosiaalinen media)*
- *kuinka verkossa toimitaan asiantuntijana*
- *mitä ovat verkkokirjoittamisen keskeiset eettiset kysymykset*
- *miten tuotetaan mieleenjäävää materiaalia verkkoon.*

2) ovat löytäneet itselleen sopivan tavan toimia verkossa.

Content

FI:

- *Verkkokirjoittamisen perusteet*
- *Sosiaalisen median perusteet*
- *Bloggaamisen perusteet*
- *Verkkokirjoittamisen etiikkaa*
- *Asiantuntijan brändi*
- *Vaikuttavan kirjoittamisen osatekijät*

SV:

- *Verkkokirjoittamisen perusteet*
- *Sosiaalisen median perusteet*
- *Bloggaamisen perusteet*
- *Verkkokirjoittamisen etiikkaa*
- *Asiantuntijan brändi*
- *Vaikuttavan kirjoittamisen osatekijät*

EN:

- *Verkkokirjoittamisen perusteet*
- *Sosiaalisen median perusteet*
- *Bloggaamisen perusteet*
- *Verkkokirjoittamisen etiikkaa*
- *Asiantuntijan brändi*
- *Vaikuttavan kirjoittamisen osatekijät*

Additional information

FI:

Completion methods (general description)

Osallistuminen opetukseen.

Kurssi suoritetaan verkko-opiskeluna. Kurssilla on viikoittain aikataulun mukaisesti suoritettavia tehtäviä. Opettaja tiedottaa kurssille valituille tarkemmat ohjeet.

Target groups

Humanistis-yhteiskuntatieteellisten alojen väitöskirjatutkijat

Recommended time or stage of studies for completion

Tohtoriopintojen aikana.

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

- suomi
- ruotsi
- englanti

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Osallistuminen opetukseen.

Kurssi suoritetaan verkko-opiskeluna. Kurssilla on viikoittain aikataulun mukaisesti suoritettavia tehtäviä. Opettaja tiedottaa kurssille valituille tarkemmat ohjeet.

Target groups

Humanistis-yhteiskuntatieteellisten alojen väitöskirjatutkijat

Recommended time or stage of studies for completion

Tohtoriopintojen aikana.

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

- suomi
- ruotsi
- englanti

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Osallistuminen opetukseen.

Kurssi suoritetaan verkko-opiskeluna. Kurssilla on viikoittain aikataulun mukaisesti suoritettavia tehtäviä. Opettaja tiedottaa kurssille valituille tarkemmat ohjeet.

Target groups

Humanistis-yhteiskuntatieteellisten alojen väitöskirjatutkijat

Recommended time or stage of studies for completion

Tohtoriopintojen aikana.

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

- suomi
- ruotsi
- englanti

EQF level

Doctoral/EQF level 8

Study materials

FI: *Svinhufvud, Kimmo 2013: Verkkoon kirjoittaminen. Teoksessa Vaattovaara, Johanna – Strellman, Urpu (toim.), Tieteen yleistajuistaminen s. 190–212. Helsinki: Gaudeamus. (Jaetaan ennakkotehtävän mukana.)*

SV: *Svinhufvud, Kimmo 2013: Verkkoon kirjoittaminen. Teoksessa Vaattovaara, Johanna – Strellman, Urpu (toim.), Tieteen yleistajuistaminen s. 190–212. Helsinki: Gaudeamus. (Jaetaan ennakkotehtävän mukana.)*

EN: *Svinhufvud, Kimmo 2013: Verkkoon kirjoittaminen. Teoksessa Vaattovaara, Johanna – Strellman, Urpu (toim.), Tieteen yleistajuistaminen s. 190–212. Helsinki: Gaudeamus. (Jaetaan ennakkotehtävän mukana.)*

Completion method and assessment items	Recurrence	Credits
Method 1		3 cr
Participation in teaching		3 cr

PHD-214 Väittelijän vuorovaikutusosaaminen

PHD-214 Väittelijän vuorovaikutusosaaminen

PHD-214 Väittelijän vuorovaikutusosaaminen

Abbreviation: Väittelijän vuorovaikutusosaaminen

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-917 Väittelijän vuorovaikutusosaaminen

Equivalences (free text field)

FI: HYMY-917

SV: HYMY-917

PHD-214

Väittelijän vuorovaikutusosaaminen

EN: HYMY-917

PHD-214

Väittelijän vuorovaikutusosaaminen

Learning outcomes

FI: Opintojakson jälkeen osallistujat väitöskirjatutkija:

1) ymmärtää erilaisten vuorovaikutuksellisten väitöstilanteiden ja esiintymisten merkityksen

2) osaa valmistautua tarkoituksenmukaisesti väitöspäivän viestintätilanteisiin (lectio praecursoria, väitöskeskustelu, karonkkapuheet)
3) ymmärtää tutkijan työssä laajemmin tarvittavan vuorovaikutusosaamisen merkityksen ja yhteiskunnalliseen keskusteluun osallistumisen merkityksen

SV: Opintojakson jälkeen osallistujat väitöskirjatutkija:

1) ymmärtää erilaisten vuorovaikutuksellisten väitöstilanteiden ja esiintymisten merkityksen
2) osaa valmistautua tarkoituksenmukaisesti väitöspäivän viestintätilanteisiin (lectio praecursoria, väitöskeskustelu, karonkkapuheet)
3) ymmärtää tutkijan työssä laajemmin tarvittavan vuorovaikutusosaamisen merkityksen ja yhteiskunnalliseen keskusteluun osallistumisen merkityksen

EN: Opintojakson jälkeen osallistujat väitöskirjatutkija:

1) ymmärtää erilaisten vuorovaikutuksellisten väitöstilanteiden ja esiintymisten merkityksen
2) osaa valmistautua tarkoituksenmukaisesti väitöspäivän viestintätilanteisiin (lectio praecursoria, väitöskeskustelu, karonkkapuheet)
3) ymmärtää tutkijan työssä laajemmin tarvittavan vuorovaikutusosaamisen merkityksen ja yhteiskunnalliseen keskusteluun osallistumisen merkityksen

Content

FI:

- Vuorovaikutusosaaminen ja sen kehittäminen
- Esiintymistaitojen ja palautteenannon harjoittelu
- Väitöskeskustelu ja akateeminen keskustelu yhteiskunnallisen vuorovaikutuksen osaamisalueena
- Tutkijan vuorovaikutusosaaminen ja sen kehittäminen
- Tutkija viestijänä kasvokkaisissa ja erilaisissa viestintäympäristöissä sekä eri kanavissa

SV:

- Vuorovaikutusosaaminen ja sen kehittäminen
- Esiintymistaitojen ja palautteenannon harjoittelu
- Väitöskeskustelu ja akateeminen keskustelu yhteiskunnallisen vuorovaikutuksen osaamisalueena
- Tutkijan vuorovaikutusosaaminen ja sen kehittäminen
- Tutkija viestijänä kasvokkaisissa ja erilaisissa viestintäympäristöissä sekä eri kanavissa

EN:

- Vuorovaikutusosaaminen ja sen kehittäminen
- Esiintymistaitojen ja palautteenannon harjoittelu
- Väitöskeskustelu ja akateeminen keskustelu yhteiskunnallisen vuorovaikutuksen osaamisalueena
- Tutkijan vuorovaikutusosaaminen ja sen kehittäminen
- Tutkija viestijänä kasvokkaisissa ja erilaisissa viestintäympäristöissä sekä eri kanavissa

Additional information

FI:

Completion methods (general description)

Kurssi

Viimeisellä tapaamisella toteutetaan lectioharjoitus, johon valmistaudutaan itsenäisesti. Lisäksi itsenäinen kirjallinen lopputehtävä. Itsenäisen työskentelyn määrä n. 30 h.

Assessment practices and criteria

Hyväksytty/hylätty. 80 % läsnäolo lähiopetuksessa. Lectioharjoituksen tekeminen ja palautteen antaminen muille on pakollinen osa kurssia (tarvittaessa mahdollisuus tämän osan suorittamiseen monimuotoisesti tai englanniksi).

Learning activities and methods

Kurssiin kuuluu erilaisia pienimuotoisia keskustelu- ja pohdintaharjoituksia jokaisella kontaktitapaamisella. Viimeisellä tapaamiskerralla jokainen osallistuja pitää harjoitusesitelmän lectio praecursoriasta. Harjoituslectiosta saadaan puheviestinnällinen vertaispalaute ja opettajan palaute. Väitöskirjan ei tarvitse olla valmis lectioharjoituksen tehdäkseen, sen voi toteuttaa myös vapaamuotoisempana esitelmäharjoituksena omasta työstä.

Target groups

Väitöskirjatutkijat.

Recommended time or stage of studies for completion

Opintojaksolle osallistuminen on suositeltavaa väitöskirjatyön loppuvaiheessa (esimerkiksi n. viimeisen vuoden aikana ennen väitöstä).

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Kurssi

Viimeisellä tapaamisella toteutetaan lectioharjoitus, johon valmistaudutaan itsenäisesti. Lisäksi itsenäinen kirjallinen lopputehtävä. Itsenäisen työskentelyn määrä n. 30 h.

Assessment practices and criteria

Hyväksytty/hylätty. 80 % läsnäolo lähiopetuksessa. Lectioharjoituksen tekeminen ja palautteen antaminen muille on pakollinen osa kurssia (tarvittaessa mahdollisuus tämän osan suorittamiseen monimuotoisesti tai englanniksi).

Learning activities and methods

Kurssiin kuuluu erilaisia pienimuotoisia keskustelu- ja pohdintaharjoituksia jokaisella kontaktitapaamisella. Viimeisellä tapaamiskerralla jokainen osallistuja pitää harjoitusesitelmän lectio praecursoriasta. Harjoituslectiosta saadaan puheviestinnällinen vertaispalaute ja opettajan palaute. Väitöskirjan ei tarvit-

se olla valmis lectioharjoituksen tehdäkseen, sen voi toteuttaa myös vapaamuotoisempana esitelmäharjoituksena omasta työstä.

Target groups

Väitöskirjatutkijat.

Recommended time or stage of studies for completion

Opintojaksolle osallistuminen on suositeltavaa väitöskirjatyön loppuvaiheessa (esimerkiksi n. viimeisen vuoden aikana ennen väitöstä).

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Kurssi

Viimeisellä tapaamisella toteutetaan lectioharjoitus, johon valmistaudutaan itsenäisesti. Lisäksi itsenäinen kirjallinen lopputehtävä. Itsenäisen työskentelyn määrä n. 30 h.

Assessment practices and criteria

Hyväksytty/hylätty. 80 % läsnäolo lähiopetuksessa. Lectioharjoituksen tekeminen ja palautteen antaminen muille on pakollinen osa kurssia (tarvittaessa mahdollisuus tämän osan suorittamiseen monimuotoisesti tai englanniksi).

Learning activities and methods

Kurssiin kuuluu erilaisia pienimuotoisia keskustelu- ja pohdintaharjoituksia jokaisella kontaktitapaamisella. Viimeisellä tapaamiskerralla jokainen osallistuja pitää harjoitusesitelmän lectio praecursoriasta. Harjoituslectiosta saadaan puheviestinnällinen vertaispalaute ja opettajan palaute. Väitöskirjan ei tarvitse olla valmis lectioharjoituksen tehdäkseen, sen voi toteuttaa myös vapaamuotoisempana esitelmäharjoituksena omasta työstä.

Target groups

Väitöskirjatutkijat.

Recommended time or stage of studies for completion

Opintojaksolle osallistuminen on suositeltavaa väitöskirjatyön loppuvaiheessa (esimerkiksi n. viimeisen vuoden aikana ennen väitöstä).

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr

PHD-215 Writing Doctoral Research for Health Scientists

PHD-215 Writing Doctoral Research for Health Scientists

PHD-215 Writing Doctoral Research for Health Scientists

Abbreviation: Writing Doctoral Research for Health Scientists

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	3 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Medical science

Prerequisites

FI:

Recommended prerequisites

Advanced level of English

SV:

Recommended prerequisites

Advanced level of English

EN:

Recommended prerequisites

Advanced level of English

Equivalences to other studies

Health-137 Writing Doctoral Research

Equivalences (free text field)

FI: Health-137

SV: Health-137
PHD-215
Writing Doctoral Research for Health Scientists

EN: Health-137
PHD-215
Writing Doctoral Research for Health Scientists

Learning outcomes

FI: Course learning outcomes:
to increase awareness of effective writing strategies and conventions, and to improve the quality of research writing in progress.

SV: Course learning outcomes:
to increase awareness of effective writing strategies and conventions, and to improve the quality of research writing in progress.

EN: Course learning outcomes:
to increase awareness of effective writing strategies and conventions, and to improve the quality of research writing in progress.

Content

FI: Struggling with research writing? Frustrated about slow progress? Not sure if your text quality meets publication criteria? This course is designed to support your research writing process. It consists of lectures on specific areas of writing and culminates in 2 feedback sessions in which each participant receives detailed feedback on a manuscript from a peer and the lecturer.

SV: Struggling with research writing? Frustrated about slow progress? Not sure if your text quality meets publication criteria? This course is designed to support your research writing process. It consists of lectures on specific areas of writing and culminates in 2 feedback sessions in which each participant receives detailed feedback on a manuscript from a peer and the lecturer.

EN: Struggling with research writing? Frustrated about slow progress? Not sure if your text quality meets publication criteria? This course is designed to support your research writing process. It consists of lectures on specific areas of writing and culminates in 2 feedback sessions in which each participant receives detailed feedback on a manuscript from a peer and the lecturer.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

Contact lessons, face-to-face meetings, independent and group work between the lectures and meetings. The course participants are to produce text for each lecture. Maximum 18 course participants.

Assessment practices and criteria

PASS/FAIL, 80% attendance and assignment completion required

Learning activities and methods

Lectures and feedback sessions combined with readings, writings and exercises completed outside class and then discussed during class meetings

Target groups

Doctoral researchers in health sciences. Availability of the course to other doctoral researchers: Yes, but subject to capacity.

Teaching period when the course will be offered

The course is organised once every term.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

Contact lessons, face-to-face meetings, independent and group work between the lectures and meetings. The course participants are to produce text for each lecture. Maximum 18 course participants.

Assessment practices and criteria

PASS/FAIL, 80% attendance and assignment completion required

Learning activities and methods

Lectures and feedback sessions combined with readings, writings and exercises completed outside class and then discussed during class meetings

Target groups

Doctoral researchers in health sciences. Availability of the course to other doctoral researchers: Yes, but subject to capacity.

Teaching period when the course will be offered

The course is organised once every term.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

Contact lessons, face-to-face meetings, independent and group work between the lectures and meetings. The course participants are to produce text for each lecture. Maximum 18 course participants.

Assessment practices and criteria

PASS/FAIL, 80% attendance and assignment completion required

Learning activities and methods

Lectures and feedback sessions combined with readings, writings and exercises completed outside class and then discussed during class meetings

Target groups

Doctoral researchers in health sciences. Availability of the course to other doctoral researchers: Yes, but subject to capacity.

Teaching period when the course will be offered

The course is organised once every term.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		3 cr
Participation in teaching		3 cr
Method 2		3 cr
Independent study		3 cr

PHD-216 Writing Journal Article in Twelve Weeks

PHD-216 Writing Journal Article in Twelve Weeks

PHD-216 Writing Journal Article in Twelve Weeks

Abbreviation: Writing Journal Article in Twelve Weeks

Curriculum periods 2023-24, 2024-25, 2025-26

Validity period	1 Aug 2023-31 Jul 2026
Credits	5 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-923 Writing Journal Article in Twelve weeks

Equivalences (free text field)

FI: HYMY-923

SV: HYMY-923
PHD-216
Writing Journal Article in Twelve Weeks

EN: HYMY-923
PHD-216
Writing Journal Article in Twelve Weeks

Learning outcomes

FI: The aim of the course is to prepare an academic article during the course. The course provides frames, feedback, peer-support, and discipline for preparing an article in twelve weeks. After the course the student will be better equipped for preparing and determining a topic and research question, defining basic concepts, taking and giving feedback, finding several suitable journals from his/her field, learns how to respond to referee statements, and proceeds with the dissertation.

SV: The aim of the course is to prepare an academic article during the course. The course provides frames, feedback, peer-support, and discipline for preparing an article in twelve weeks. After the course the student will be better equipped for preparing and determining a topic and research question, defining basic concepts, taking and giving feedback, finding several suitable journals from his/her field, learns how to respond to referee statements, and proceeds with the dissertation.

EN: The aim of the course is to prepare an academic article during the course. The course provides frames, feedback, peer-support, and discipline for preparing an article in twelve weeks. After the course the student will be better equipped for preparing and determining a topic and research question, defining basic concepts, taking and giving feedback, finding several suitable journals from his/her field, learns how to respond to referee statements, and proceeds with the dissertation.

Content

FI: Class-discussions, homeworks and writing own text.

SV: Class-discussions, homeworks and writing own text.

EN: Class-discussions, homeworks and writing own text.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

Weekly classes during the term.

Assessment practices and criteria

PASS/FAIL

Learning activities and methods

Lectures/group work, independent work, moodle.

Target groups

Doctoral researchers in humanities and social sciences.

Teaching period when the course will be offered

Weekly classes during the term.

Recommended time or stage of studies for completion

The course is well-suited especially for doctoral candidates who have worked with their dissertations at least a year.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

Weekly classes during the term.

Assessment practices and criteria

PASS/FAIL

Learning activities and methods

Lectures/group work, independent work, moodle.

Target groups

Doctoral researchers in humanities and social sciences.

Teaching period when the course will be offered

Weekly classes during the term.

Recommended time or stage of studies for completion

The course is well-suited especially for doctoral candidates who have worked with their dissertations at least a year.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

Weekly classes during the term.

Assessment practices and criteria

PASS/FAIL

Learning activities and methods

Lectures/group work, independent work, moodle.

Target groups

Doctoral researchers in humanities and social sciences.

Teaching period when the course will be offered

Weekly classes during the term.

Recommended time or stage of studies for completion

The course is well-suited especially for doctoral candidates who have worked with their dissertations at least a year.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Study materials

FI: Everybody chooses his/her own topic from their dissertation. In addition, Wendy Laura Belcher's ***Writing Your Journal Article in Twelve weeks.***

SV: Everybody chooses his/her own topic from their dissertation. In addition, Wendy Laura Belcher's ***Writing Your Journal Article in Twelve weeks.***

EN: Everybody chooses his/her own topic from their dissertation. In addition, Wendy Laura Belcher's ***Writing Your Journal Article in Twelve weeks.***

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr

PVM-604 Communicating Science and Expertise

PVM-604 Tiedeviestintä ja asiantuntijuus

PVM-604 Vetenskaplig kommunikation och expertis

Abbreviation: Tiedeviestintä ja asiantuntijuus

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	since 1 Aug 2023
Credits	5 cr
Languages	Finnish, Swedish, English
Grading scale	General scale, 0-5
University	University of Helsinki
Responsible organisation	Master's Programme in Politics, Media and Communication 100%
Responsible person	Tuomo Mörä, Responsible teacher
Study level	Advanced studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences

Prerequisites

FI:

Edeltävät opinnot (vapaa teksti)

Kandidaatin tutkinto.

SV:

Edeltävät opinnot (vapaa teksti)

Kandidaatin tutkinto.

EN:

Edeltävät opinnot (vapaa teksti)

Kandidaatin tutkinto.

Equivalences (free text field)

FI: Ks. vastaavuustaulukko

SV: Ks. vastaavuustaulukko

PVM-604
Vetenskaplig kommunikation och expertis

EN: Ks. vastaavuustaulukko
PVM-604
Communicating Science and Expertise

Learning outcomes

FI: Kurssin suoritettuaan opiskelijalla on monipuolinen kuva siitä, miten tutkimuksesta käytännön työelämässä viestitään sekä siitä, millaisia haasteita julkiseen asiantuntijuuteen liittyy. Opiskelija ymmärtää, millaisille tavoitteille ja periaatteille keskeisten tiedeviestinnän instituutioiden (esimerkiksi tiedetoimitukset, viestintäyksiköt, järjestöt ja tiedekeskukset) perustuvat ja miten asiantuntijat toimivat julkisuudessa. Käytännön esimerkkien myötä opiskelijalle hahmottuu, miten omasta ja oman organisaation toiminnasta voi viestiä julkisuuteen.

SV: Kurssin suoritettuaan opiskelijalla on monipuolinen kuva siitä, miten tutkimuksesta käytännön työelämässä viestitään sekä siitä, millaisia haasteita julkiseen asiantuntijuuteen liittyy. Opiskelija ymmärtää, millaisille tavoitteille ja periaatteille keskeisten tiedeviestinnän instituutioiden (esimerkiksi tiedetoimitukset, viestintäyksiköt, järjestöt ja tiedekeskukset) perustuvat ja miten asiantuntijat toimivat julkisuudessa. Käytännön esimerkkien myötä opiskelijalle hahmottuu, miten omasta ja oman organisaation toiminnasta voi viestiä julkisuuteen.

EN: Kurssin suoritettuaan opiskelijalla on monipuolinen kuva siitä, miten tutkimuksesta käytännön työelämässä viestitään sekä siitä, millaisia haasteita julkiseen asiantuntijuuteen liittyy. Opiskelija ymmärtää, millaisille tavoitteille ja periaatteille keskeisten tiedeviestinnän instituutioiden (esimerkiksi tiedetoimitukset, viestintäyksiköt, järjestöt ja tiedekeskukset) perustuvat ja miten asiantuntijat toimivat julkisuudessa. Käytännön esimerkkien myötä opiskelijalle hahmottuu, miten omasta ja oman organisaation toiminnasta voi viestiä julkisuuteen.

Content

FI: Kurssilla käytännön tiedeviestijät ja julkisuudessa toimivat asiantuntijat kertovat, miten he tai heidän edustamansa organisaatiot toimivat. Keskeisiä teemoja ovat muun muassa tieteen, tiedottamisen ja journalismin erot, uutiskriteerit, näyttelynsuunnittelun periaatteet ja tiedejulkisuuteen liittyvät eettiset ja käytännölliset ongelmat. Oppimispäiväkirjan ja esseen avulla opiskelija soveltaa kurssilla esitettyjä asioita oman alansa asiantuntijuuteen.

SV: Kurssilla käytännön tiedeviestijät ja julkisuudessa toimivat asiantuntijat kertovat, miten he tai heidän edustamansa organisaatiot toimivat. Keskeisiä teemoja ovat muun muassa tieteen, tiedottamisen ja journalismin erot, uutiskriteerit, näyttelynsuunnittelun periaatteet ja tiedejulkisuuteen liittyvät eettiset ja käytännölliset ongelmat. Oppimispäiväkirjan ja esseen avulla opiskelija soveltaa kurssilla esitettyjä asioita oman alansa asiantuntijuuteen.

EN: Kurssilla käytännön tiedeviestijät ja julkisuudessa toimivat asiantuntijat kertovat, miten he tai heidän edustamansa organisaatiot toimivat. Keskeisiä teemoja ovat muun muassa tieteen, tiedottamisen ja journalismin erot, uutiskriteerit, näyttelynsuunnittelun periaatteet ja tiedejulkisuuteen liittyvät eettiset ja käytännölliset ongelmat. Oppimispäiväkirjan ja esseen avulla opiskelija soveltaa kurssilla esitettyjä asioita oman alansa asiantuntijuuteen.

Additional information

FI:

Suoritustavat (yleinen kuvaus)

Osallistuminen opetukseen: Luennot, oppimispäiväkirja ja essee.

Kohderyhmät

- Politiikan ja viestinnän maisteriohjelman opiskelijat: vaihtoehtoiset työelämäopinnot
- Helsingin yliopiston jatko-opiskelijat: tiedeviestinnän opintokokonaisuuden valinnaiset opinnot

Luento-opetus on ensisijaisesti viestinnän maisteriohjelman viestinnän opintosuunnan ja Humanistis-yhteiskuntatieteellisen tutkijakoulun opiskelijoille, sekä toissijaisesti maisteriohjelman muiden opintosuun-

tien opiskelijoille sekä ohjelman vaihto-opiskelijoille, mikäli jakso opetetaan englanniksi. Muiden maisteriohjelmien opiskelijat voivat osallistua, mikäli kurssilla on tilaa.

Luento-opetuksen kiintiöt perus- ja jatkotutkinto-opiskelijoille vahvistetaan vuosittaisessa opetusohjelmassa.

Järjestämisajankohta/-kohdat

Periodi voi vaihdella

Suositeltava suoritusajankohta

1. tai 2. opintovuosi.

Opintokokonaisuudet

PVM-604 on politiikan ja viestinnän maisteriohjelmassa yksi vaihtoehtoisista työelämäjaksoista. Lisäksi Jakso kuuluu tohtoriohjelmissa tiedeviestinnän opintokokonaisuuden valinnaisiin opintojaksoihin.

Vanhentuminen

Ks. Opintojen vanhentumissäännöt

Opetuskielet

suomi tai englanti

EQF-taso

EQF-tasot 7 ja 8

SV:

Suoritustavat (yleinen kuvaus)

Osallistuminen opetukseen: Luennot, oppimispäiväkirja ja essee.

Kohderyhmät

- Politiikan ja viestinnän maisteriohjelman opiskelijat: vaihtoehtoiset työelämäopinnot
- Humanistis-yhteiskuntatieteellisen tutkijakoulun jatko-opiskelijat: tiedeviestinnän opintokokonaisuuden valinnaiset opinnot

Luento-opetus on ensisijaisesti viestinnän maisteriohjelman viestinnän opintosuunnan ja Humanistis-yhteiskuntatieteellisen tutkijakoulun opiskelijoille, sekä toissijaisesti maisteriohjelman muiden opintosuuntien opiskelijoille sekä ohjelman vaihto-opiskelijoille, mikäli jakso opetetaan englanniksi. Muiden maisteriohjelmien opiskelijat voivat osallistua, mikäli kurssilla on tilaa.

Luento-opetuksen kiintiöt perus- ja jatkotutkinto-opiskelijoille vahvistetaan vuosittaisessa opetusohjelmassa.

Järjestämisajankohta/-kohdat

Periodi voi vaihdella

Suositeltava suoritusajankohta

1. tai 2. opintovuosi.

Opintokokonaisuudet

PVM-604 on politiikan ja viestinnän maisteriohjelmassa yksi vaihtoehtoisista työelämäjaksoista. Lisäksi Jakso kuuluu tohtoriohjelmissa tiedeviestinnän opintokokonaisuuden valinnaisiin opintojaksoihin.

Vanhentuminen

Ks. Opintojen vanhentumissäännöt

Opetuskielet

suomi tai englanti

EQF-taso

EQF-tasot 7 ja 8

EN:

Suoritustavat (yleinen kuvaus)

Osallistuminen opetukseen: Luennot, oppimispäiväkirja ja essee.

Kohderyhmät

- Politiikan ja viestinnän maisteriohjelman opiskelijat: vaihtoehtoiset työelämäopinnot
- Humanistis-yhteiskuntatieteellisen tutkijakoulun jatko-opiskelijat: tiedeviestinnän opintokokonaisuuden valinnaiset opinnot

Luento-opetus on ensisijaisesti viestinnän maisteriohjelman viestinnän opintosuunnan ja Humanistis-yhteiskuntatieteellisen tutkijakoulun opiskelijoille, sekä toissijaisesti maisteriohjelman muiden opintosuuntien opiskelijoille sekä ohjelman vaihto-opiskelijoille, mikäli jakso opetetaan englanniksi. Muiden maisteriohjelmien opiskelijat voivat osallistua, mikäli kurssilla on tilaa.

Luento-opetuksen kiintiöt perus- ja jatkotutkinto-opiskelijoille vahvistetaan vuosittaisessa opetusohjelmassa.

Järjestämisajankohta/-kohdat

Periodi voi vaihdella

Suositeltava suoritusajankohta

1. tai 2. opintovuosi.

Opintokokonaisuudet

PVM-604 on politiikan ja viestinnän maisteriohjelmassa yksi vaihtoehtoisista työelämäjaksoista. Lisäksi Jakso kuuluu tohtoriohjelmissa tiedeviestinnän opintokokonaisuuden valinnaisiin opintojaksoihin.

Vanhentuminen

Ks. Opintojen vanhentumissäännöt

Opetuskielet

suomi tai englanti

EQF-taso

EQF-tasot 7 ja 8

Study materials

FI: Ajankohtaiset tutkimusartikkelit, jotka määritellään vuosittaisessa opetusohjelmassa.

SV: Ajankohtaiset tutkimusartikkelit, jotka määritellään vuosittaisessa opetusohjelmassa.

EN: Ajankohtaiset tutkimusartikkelit, jotka määritellään vuosittaisessa opetusohjelmassa.

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Exam		5 cr
Method 3		5 cr
Independent study		5 cr

PVM-V308 Science Communication

PVM-V308 Tieteen julkisuus ja tiedeviestintä

PVM-V308 Forskningens offentlighet och forskningskommunikation

Abbreviation: Tieteen julkisuus ja tiedeviestintä

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	since 1 Aug 2023
Credits	5 cr
Languages	Finnish, Swedish, English
Grading scale	General scale, 0-5
University	University of Helsinki
Responsible organisation	Master's Programme in Politics, Media and Communication 100%
Responsible person	Esa Väliverronen, Responsible teacher
Study level	Advanced studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences

Prerequisites

FI:

Edeltävät opinnot (vapaa teksti)

Kandidaatin tutkinto tai vähintään tutkintoon sisältyvät opintosuunnan aineopinnot.

SV:

Edeltävät opinnot (vapaa teksti)

Kandidaatin tutkinto tai vähintään tutkintoon sisältyvät opintosuunnan aineopinnot.

EN:

Edeltävät opinnot (vapaa teksti)

Kandidaatin tutkinto tai vähintään tutkintoon sisältyvät opintosuunnan aineopinnot.

Equivalences to other studies

77307 Science communication and science research

or

770128 Publicity of science and science communication

Equivalences (free text field)

FI: Ks. vastaavuustaulukko.

SV: Ks. vastaavuustaulukko.
PVM-V308
Forskningens offentlighet och forskningskommunikation

EN: Ks. vastaavuustaulukko.
PVM-V308
Science Communication

Learning outcomes

FI: Opintojakson suoritettuaan opiskelija osaa selittää tieteen asemaa yhteiskunnassa ja julkisuudessa tiedeviestinnän tutkimuksen ja tieteentutkimuksen näkökulmista. Opiskelija tuntee keskeiset tiedeviestinnän muodot ja käytännöt ja osaa arvioida ja analysoida näitä käytäntöjä kriittisesti.

SV: Opintojakson suoritettuaan opiskelija osaa selittää tieteen asemaa yhteiskunnassa ja julkisuudessa tiedeviestinnän tutkimuksen ja tieteentutkimuksen näkökulmista. Opiskelija tuntee keskeiset tiedeviestinnän muodot ja käytännöt ja osaa arvioida ja analysoida näitä käytäntöjä kriittisesti.

EN: Opintojakson suoritettuaan opiskelija osaa selittää tieteen asemaa yhteiskunnassa ja julkisuudessa tiedeviestinnän tutkimuksen ja tieteentutkimuksen näkökulmista. Opiskelija tuntee keskeiset tiedeviestinnän muodot ja käytännöt ja osaa arvioida ja analysoida näitä käytäntöjä kriittisesti.

Content

FI: Opintojakso johdattaa tieteen julkisuuden erilaisiin muotoihin, niiden kehitykseen ja analyysiin. Opintojaksossa käsitellään mm. tieteen ja uutismedian suhdetta, tieteen julkista ymmärrystä ja tiedebarometrejä, tiedettä populaarikulttuurissa, verkossa ja sosiaalisessa mediassa sekä julkista asiantuntijuutta.

SV: Opintojakso johdattaa tieteen julkisuuden erilaisiin muotoihin, niiden kehitykseen ja analyysiin. Opintojaksossa käsitellään mm. tieteen ja uutismedian suhdetta, tieteen julkista ymmärrystä ja tiedebarometrejä, tiedettä populaarikulttuurissa, verkossa ja sosiaalisessa mediassa sekä julkista asiantuntijuutta.

EN: Opintojakso johdattaa tieteen julkisuuden erilaisiin muotoihin, niiden kehitykseen ja analyysiin. Opintojaksossa käsitellään mm. tieteen ja uutismedian suhdetta, tieteen julkista ymmärrystä ja tiedebarometrejä, tiedettä populaarikulttuurissa, verkossa ja sosiaalisessa mediassa sekä julkista asiantuntijuutta.

Additional information

FI:

Suoritustavat (yleinen kuvaus)

Osallistuminen opetukseen: Luento-opetus ja harjoitustehtävät.

Tentti: Kirjallisuuskuulustelu on mahdollinen jos lähiopetusta ei järjestetä.

Suoritusmuodot tarkennetaan vuosittaisessa opetusohjelmassa.

Kohderyhmät

Opintojakso kuuluu viestinnän opintosuunnan valinnaisiin syventäviin opintoihin sekä tiedeviestinnän opintokokonaisuuden valinnaisiin opintoihin.

Luento-opetus on ensisijaisesti Politiikan ja viestinnän maisteriohjelman viestinnän opintosuunnan ja Humanistis-yhteiskuntatieteellisen tutkijakoulun opiskelijoille ja toissijaisesti maisteriohjelman muiden opintosuuntien maisteriopiskelijoille. Muiden ohjelmien opiskelijat voivat osallistua, mikäli kurssilla on tilaa. Tarkempi kohderyhmien määrittely tehdään vuosittain opetusohjelman yhteydessä.

Luento-opetuksen kiintiöt perus- ja jatkotutkinto-opiskelijoille vahvistetaan vuosittaisessa opetusohjelmassa.

Järjestämisajankohta/-kohdat

Luentokurssi: 1. periodi.Kirjallisuuskuulustelu: Ajankohdat määritellään vuosittaisessa opetusohjelmassa.

Suositeltava suoritusajankohta

1. tai 2. opintovuosi, 1. periodi.

Opintokokonaisuudet

PVM-V300 Viestintä, syventävät opinnot; valinnainen opintojakso

Tiedeviestinnän opintokokonaisuus; valinnainen opintojakso

Vanhentuminen

Ks. Opintojen vanhentumissäännöt

Opetuskielet

suomi, englanti

EQF-taso

EQF-taso 7

SV:

Suoritustavat (yleinen kuvaus)

Osallistuminen opetukseen: Luento-opetus ja harjoitustehtävät.

Tentti: Kirjallisuuskuulustelu on mahdollinen jos lähiopetusta ei järjestetä.

Suoritusmuodot tarkennetaan vuosittaisessa opetusohjelmassa.

Kohderyhmät

Opintojakso kuuluu viestinnän opintosuunnan valinnaisiin syventäviin opintoihin sekä tiedeviestinnän opintokokonaisuuden valinnaisiin opintoihin.

Luento-opetus on ensisijaisesti Politiikan ja viestinnän maisteriohjelman viestinnän opintosuunnan ja Humanistis-yhteiskuntatieteellisen tutkijakoulun opiskelijoille ja toissijaisesti maisteriohjelman muiden opintosuuntien maisteriopiskelijoille. Muiden ohjelmien opiskelijat voivat osallistua, mikäli kurssilla on tilaa. Tarkempi kohderyhmien määrittely tehdään vuosittain opetusohjelman yhteydessä.

Luento-opetuksen kiintiöt perus- ja jatkotutkinto-opiskelijoille vahvistetaan vuosittaisessa opetusohjelmassa.

Järjestämisajankohta/-kohdat

Luentokurssi: 1. periodi.Kirjallisuuskuulustelu: Ajankohdat määritellään vuosittaisessa opetusohjelmassa.

Suositeltava suoritusajankohta

1. tai 2. opintovuosi, 1. periodi.

Opintokokonaisuudet

PVM-V300 Viestintä, syventävät opinnot; valinnainen opintojakso

Tiedeviestinnän opintokokonaisuus; valinnainen opintojakso

Vanhentuminen

Ks. Opintojen vanhentumissäännöt

Opetuskielet

suomi, englanti

EQF-taso

EQF-taso 7

EN:

Suoritustavat (yleinen kuvaus)

Osallistuminen opetukseen: Luento-opetus ja harjoitustehtävät.

Tentti: Kirjallisuuskuulustelu on mahdollinen jos lähiopetusta ei järjestetä.

Suoritusmuodot tarkennetaan vuosittaisessa opetusohjelmassa.

Kohderyhmät

Opintojakso kuuluu viestinnän opintosuunnan valinnaisiin syventäviin opintoihin sekä tiedeviestinnän opintokokonaisuuden valinnaisiin opintoihin.

Luento-opetus on ensisijaisesti Politiikan ja viestinnän maisteriohjelman viestinnän opintosuunnan ja Humanistis-yhteiskuntatieteellisen tutkijakoulun opiskelijoille ja toissijaisesti maisteriohjelman muiden opintosuuntien maisteriopiskelijoille. Muiden ohjelmien opiskelijat voivat osallistua, mikäli kurssilla on tilaa. Tarkempi kohderyhmien määrittely tehdään vuosittain opetusohjelman yhteydessä.

Luento-opetuksen kiintiöt perus- ja jatkotutkinto-opiskelijoille vahvistetaan vuosittaisessa opetusohjelmassa.

Järjestämisajankohta/-kohdat

Luentokurssi: 1. periodi.Kirjallisuuskuulustelu: Ajankohdat määritellään vuosittaisessa opetusohjelmassa.

Suositeltava suoritusajankohta

1. tai 2. opintovuosi, 1. periodi.

Opintokokonaisuudet

PVM-V300 Viestintä, syventävät opinnot; valinnainen opintojakso

Tiedeviestinnän opintokokonaisuus; valinnainen opintojakso

Vanhentuminen

Ks. Opintojen vanhentumissäännöt

Opetuskielet

suomi, englanti

EQF-taso

EQF-taso 7

Study materials

FI: Valitaan kolme seuraavista:

- Davies, S.L. & M. Horst (2016) Science Communication: Culture, Identity and Citizenship. Springer.
- Rask, M., Worthington, R. & M. Lammi (eds.) (2012) Citizen Participation in Global Environmental Governance. London: Routledge.
- Rödder, S., Franzen, M. & P. Weingart (eds.) (2012) The Science s Media Connection Public Communication and its Repercussions. Dordrecht: Springer.
- Väliverronen, E. (2015) Julkinen tiede. Tampere: Vastapaino.
- Väliverronen, E. & Ekholm, K. (toim.) (2020). Tieteen vapaus ja tutkijan sananvapaus. Tampere: Vastapaino.

Opetuksen yhteydessä ilmoitettu muu kirjallisuus

SV: Valitaan kolme seuraavista:

- Davies, S.L. & M. Horst (2016) Science Communication: Culture, Identity and Citizenship. Springer.
- Rask, M., Worthington, R. & M. Lammi (eds.) (2012) Citizen Participation in Global Environmental Governance. London: Routledge.
- Rödder, S., Franzen, M. & P. Weingart (eds.) (2012) The Science s Media Connection Public Communication and its Repercussions. Dordrecht: Springer.
- Väliverronen, E. (2015) Julkinen tiede. Tampere: Vastapaino.
- Väliverronen, E. & Ekholm, K. (toim.) (2020). Tieteen vapaus ja tutkijan sananvapaus. Tampere: Vastapaino.

Opetuksen yhteydessä ilmoitettu muu kirjallisuus

EN: Valitaan kolme seuraavista:

- Davies, S.L. & M. Horst (2016) Science Communication: Culture, Identity and Citizenship. Springer.
- Rask, M., Worthington, R. & M. Lammi (eds.) (2012) Citizen Participation in Global Environmental Governance. London: Routledge.
- Rödder, S., Franzen, M. & P. Weingart (eds.) (2012) The Science s Media Connection Public Communication and its Repercussions. Dordrecht: Springer.
- Väliverronen, E. (2015) Julkinen tiede. Tampere: Vastapaino.
- Väliverronen, E. & Ekholm, K. (toim.) (2020). Tieteen vapaus ja tutkijan sananvapaus. Tampere: Vastapaino.

Opetuksen yhteydessä ilmoitettu muu kirjallisuus

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Exam		5 cr
Method 3		5 cr
Independent study		5 cr

SUKU-S330 Concept analysis and terminology work

SUKU-S330 Johdatus käsiteanalyysiin ja termityöhön

SUKU-S330 Begreppsanalys och terminologiarbete

Abbreviation: Käsiteanalyysi

Curriculum periods 2023-24, 2024-25, 2025-26

Validity period	since 1 Aug 2023
Credits	5 cr
Languages	Finnish
Grading scale	General scale, 0-5
University	University of Helsinki
Responsible organisation	Master's Programme in Finnish and Finno-Ugrian Languages and Cultures 100%
Responsible persons	Kaarina Pitkänen-Heikkilä, Responsible teacher Tiina Onikki-Rantajääskö, Responsible teacher
Study level	Advanced studies
Study field	Fields of education (Ministry of Education and Culture), Humanities

Prerequisites

FI: Kandiopinnot.

Learning outcomes

FI: Opintojakson suoritettuasi sinulla on perustiedot terminologisesta käsiteanalyysista ja tuntumaa käytännön termityöhön. Olet saanut valmiuksia tieteen yleistajuistamiseen ja kokemusta tieteidenvälisestä vuorovaikutuksesta.

Content

FI: Opintojakso perehdyttää käsiteanalyysin ja terminologiaopin teoriaan ja menetelmiin: erilaisiin käsitejärjestelmiin, käsitteiden määrittelyyn, käsitteen- ja terminmuodostukseen eri tieteenaloilla sekä monikieliseen termityöhön. Keskeinen osa suoritusta on oman erikoisalan (maisterintutkielman/väitöskirjan) käsitteitä analysoiva termityö, joka auttaa selkeyttämään ja ymmärtämään paremmin oman tutkimuksen käsitteistöä. Opintojakso antaa valmiuksia myös omien tutkimustulosten yleistajuistamiseen sekä tarjoaa mahdollisuuksia tieteidenväliseen vuorovaikutukseen. Lisäksi opintojaksolla hyödynnetään ja kartutetaan Tieteen termipankin aineistoja mahdollisuuksien mukaan.

Additional information

FI: Kohderyhmä
Opintojaksosta vastaa suomen kielen ja suomalais-ugrilaisten kielten ja kulttuurien maisteriohjelma.

Kurssin voivat suorittaa myös muiden maisteri- ja tohtoriohjelmien opiskelijat.

Opintojakso on valinnainen.

Ajoitus

Maisteriopinnot tai tohtoriopinnot.

Kursseista ilmoitetaan opetusohjelmassa, itsenäinen suoritus on mahdollinen koko lukuvuoden.

Opintokokonaisuudet

Jakso kuuluu suomen kielen syventäviin opintoihin SUKU-S3000 tai SUKU-SO300.

Suoritustavat

Luentokurssi, verkkokurssi tai itsenäinen suoritus.

Itsenäisiä suorituksia otetaan vastaan vain SUKU- ja TRA-maisteriohjelmien opiskelijoilta.

Arviointimenetelmät ja -kriteerit

Opintojakso arvioidaan tehtävistä suoriutumisen perusteella.

Oppimista tukevat aktiviteetit ja opetusmenetelmät

Luentokurssi, verkkokurssi tai vastuuhenkilön kanssa sovittava itsenäinen suoritus. Jakso sisältää interaktiivista termityötä Tieteen termipankin verkkopalvelussa.

Study materials

FI: Ei kirjatenttimahdollisuutta.

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Independent study		5 cr

HEALTH-114 Biomedical view to patenting

HEALTH-114 Biomedical view to patenting
HEALTH-114 Biomedical view to patenting

Abbreviation: Biomedical view to patenting

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English
Grading scale	General scale, 0-5
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Medical science

Equivalences (free text field)

SV: Health-114
Biomedical view to patenting

EN: Health-114
Biomedical view to patenting

Learning outcomes

FI: On completion of the course, the doctoral candidate:

- is able to demonstrate and develop awareness of the relevance and impact of IP Law on his/her academic and professional lives
- is aware of different ways to protect his/her inventions
- has developed awareness of how patent information can be used

- knows the most important patenting routes and systems
- has gained knowledge about drafting patent applications
- has understanding regarding the interpretation of patent claims and the crucial role of patent claims in forming the scope of protection conferred by a patent

SV: On completion of the course, the doctoral candidate:

- is able to demonstrate and develop awareness of the relevance and impact of IP Law on his/her academic and professional lives
- is aware of different ways to protect his/her inventions
- has developed awareness of how patent information can be used
- knows the most important patenting routes and systems
- has gained knowledge about drafting patent applications
- has understanding regarding the interpretation of patent claims and the crucial role of patent claims in forming the scope of protection conferred by a patent

EN: On completion of the course, the doctoral candidate:

- is able to demonstrate and develop awareness of the relevance and impact of IP Law on his/her academic and professional lives
- is aware of different ways to protect his/her inventions
- has developed awareness of how patent information can be used
- knows the most important patenting routes and systems
- has gained knowledge about drafting patent applications
- has understanding regarding the interpretation of patent claims and the crucial role of patent claims in forming the scope of protection conferred by a patent

Content

FI: This course introduces doctoral candidates to Intellectual Property (IP) Law in general and especially a biomedical point of view in patent matters.
The course is targeted to doctoral candidates and other interested researchers with little or no prior knowledge of IPR, and especially for those aiming at transferring from academic research to company R&D, or for those planning a career in the field of IPR (such as patent examiner, corporate patent agent or patent attorney).

The emphasis of the course is patenting of biomedical, pharmaceutical and health care applications.

SV: This course introduces doctoral candidates to Intellectual Property (IP) Law in general and especially a biomedical point of view in patent matters.
The course is targeted to doctoral candidates and other interested researchers with little or no prior knowledge of IPR, and especially for those aiming at transferring from academic research to company R&D, or for those planning a career in the field of IPR (such as patent examiner, corporate patent agent or patent attorney).

The emphasis of the course is patenting of biomedical, pharmaceutical and health care applications.

EN: This course introduces doctoral candidates to Intellectual Property (IP) Law in general and especially a biomedical point of view in patent matters.
The course is targeted to doctoral candidates and other interested researchers with little or no prior knowledge of IPR, and especially for those aiming at transferring from academic research to company R&D, or for those planning a career in the field of IPR (such as patent examiner, corporate patent agent or patent attorney).

The emphasis of the course is patenting of biomedical, pharmaceutical and health care applications.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

This course introduces doctoral candidates to Intellectual Property (IP) Law in general and especially a biomedical point of view in patent matters.

The course is targeted to doctoral candidates and other interested researchers with little or no prior knowledge of IPR, and especially for those aiming at transferring from academic research to company R&D, or for those planning a career in the field of IPR (such as patent examiner, corporate patent agent or patent attorney).

The emphasis of the course is patenting of biomedical, pharmaceutical and health care applications.

Learning activities and methods

The course will be taught online (https://eliademy.com/). You will be sent an enrolment key to login. The course languages are English and Finnish (both languages are accessible on the same site). Most of the course is self-directed and allows for great flexibility with when and where it is done. However, assessments have strict deadlines.

Target groups

Doctoral researchers in Life sciences

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English / Finnsih

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

This course introduces doctoral candidates to Intellectual Property (IP) Law in general and especially a biomedical point of view in patent matters.

The course is targeted to doctoral candidates and other interested researchers with little or no prior knowledge of IPR, and especially for those aiming at transferring from academic research to company R&D, or for those planning a career in the field of IPR (such as patent examiner, corporate patent agent or patent attorney).

The emphasis of the course is patenting of biomedical, pharmaceutical and health care applications.

Learning activities and methods

The course will be taught online (https://eliademy.com/). You will be sent an enrolment key to login. The course languages are English and Finnish (both languages are accessible on the same site). Most of the

course is self-directed and allows for great flexibility with when and where it is done. However, assessments have strict deadlines.

Target groups

Doctoral researchers in Life sciences

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English / Finnsih

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

This course introduces doctoral candidates to Intellectual Property (IP) Law in general and especially a biomedical point of view in patent matters.

The course is targeted to doctoral candidates and other interested researchers with little or no prior knowledge of IPR, and especially for those aiming at transferring from academic research to company R&D, or for those planning a career in the field of IPR (such as patent examiner, corporate patent agent or patent attorney).

The emphasis of the course is patenting of biomedical, pharmaceutical and health care applications.

Learning activities and methods

The course will be taught online (https://eliademy.com/). You will be sent an enrolment key to login. The course languages are English and Finnish (both languages are accessible on the same site). Most of the course is self-directed and allows for great flexibility with when and where it is done. However, assessments have strict deadlines.

Target groups

Doctoral researchers in Life sciences

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English / Finnsih

EQF level

Doctoral/EQF level 8

Study materials

FI: The course is based on materials available on the course platform. Course participants must complete four assignments by given deadlines

SV: The course is based on materials available on the course platform. Course participants must complete four assignments by given deadlines

EN: The course is based on materials available on the course platform. Course participants must complete four assignments by given deadlines

Completion method and assessment items Recurrence	Credits
Method 1	2 cr
Participation in teaching	2 cr
Method 2	2 cr
Independent study	2 cr

PED511 UP1 Learning in Higher Education

PED511 YP 1 Oppiminen yliopistossa

PED511 UP 1 Lärande vid universitetet

Abbreviation: YP 1 Oppiminen

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	since 1 Aug 2023
Credits	5 cr
Languages	Finnish, Swedish, English
Grading scale	General scale, 0-5
University	University of Helsinki
Responsible organisation	Faculty of Educational Sciences 100%
Responsible person	Vilhelmiina Harju, Responsible teacher
Study level	Other studies
Study field	Fields of education (Ministry of Education and Culture), Education

Equivalences to other studies

AYPED511 Open uni: UP1 Learning in Higher Education

Learning outcomes

FI: Opintojakson suoritettuaan osallistuja
· tuntee oppimiseen liittyviä peruskäsitteitä ja oppimisteorioita ja pedagogista tutkimuskirjallisuutta,

· osaa perustella omia opettamiseen liittyviä valintojaan oppimisen teorioihin ja tutkimuskirjallisuuteen nojautuen,

· osaa kuvata, soveltaa ja perustella miten opettaja voi tukea opiskelijoiden aktiivista oppimista,

· osaa analysoida oppimista ja opiskelua erilaisten ja erilaisista lähtökohdista tulevien opiskelijoiden näkökulmasta,

· osaa toimia tavoitteellisesti ja rakentavasti opetus- ja vertaisvuorovaikutustilanteissa,

· tunnistaa, osaa kuvata ja analysoida oppimiseen ja yliopisto-opetukseen liittyviä ilmiöitä ja prosesseja sekä osaa soveltaa tietoaan näistä omassa opetuksessa,

· osaa reflektoida oman opetusasiantuntijuutensa ja kestävän opettajuuden kehittymistä tutkimuskirjallisuutta hyödyntäen,

·hahmottaa yliopistopedagogiikan poikkitieteellisenä ja monimenetelmäisenä tieteenalana.

Opintojaksoon liittyvät polut

· Kestävän kehityksen polku

· Tasa-arvon ja yhdenvertaisuuden polku

· Digitaalisuuden polku

Edellisten lisäksi yliopistopedagogiikassa on myös seuraavat polut

· Tutkimuksen ja opetuksen yhteyden vahvistamisen polku

· Hyvinvoinnin tukemisen polku

Content

FI: Opintojaksolla käsitellään:

- Oppimisen ja kehityksen kokonaisvaltaisuutta ja merkitystä yliopistokoulutuksen viitekehyksessä. Opettajan omaa toimintaa ja kehittymistä merkittävänä osana pedagogista vuorovaikutusta ja oppimista yliopistossa kasvatuspsykologian ja oppimistutkimuksen näkökulmasta,
- Konstruktivistista oppimiskäsitystä,
- Opiskelijalähtöistä opetusta, aktivoivia ja tutkivia työtapoja dynaamisessa oppimisympäristössä,
- Lähestymistapoja oppimiseen,
- Oppimista sääteleviä tekijöitä ja oppimisen sosiaalista ulottuvuutta: motivaatio, pysyvyysuskomukset, itse- ja yhteissäätely, lähikehityksen vyöhyke, jaettu asiantuntijuus, ryhmässä oppimisen mekanismit ja vuorovaikutuksen dynamiikkaa,
- Opiskelukykyyn ja hyvinvointiin vaikuttavia tekijöitä.

SV: Opintojaksolla käsitellään:

- Oppimisen ja kehityksen kokonaisvaltaisuutta ja merkitystä yliopistokoulutuksen viitekehyksessä. Opettajan omaa toimintaa ja kehittymistä merkittävänä osana pedagogista vuorovaikutusta ja oppimista yliopistossa kasvatuspsykologian ja oppimistutkimuksen näkökulmasta,
- Opiskelijalähtöistä opetusta, aktivoivia ja tutkivia työtapoja dynaamisessa oppimisympäristössä,
- Lähestymistapoja oppimiseen,

- Konstruktivistista oppimiskäsitystä,
- Opiskelijalähtöistä opetusta, aktivoivia ja tutkivia työtapoja dynaamisessa oppimisympäristössä,
- Lähestymistapoja oppimiseen,·
- Oppimista sääteleviä tekijöitä ja oppimisen sosiaalista ulottuvuutta: motivaatio, pysyvyysuskomukset, itse- ja yhteissäätely, lähikehityksen vyöhyke, jaettu asiantuntijuus, ryhmässä oppimisen mekanismit ja vuorovaikutuksen dynamiikkaa,
- Opiskelukykyyn ja hyvinvointiin vaikuttavia tekijöitä.

Additional information

FI: Suoritustavat
Osallistuminen opetukseen ja kurssitehtävien tekeminen.

Arviointimenetelmät ja –kriteerit
Arvosana koostuu suunnittelutehtävästä.

Oppimista tukevat aktiviteetit ja menetelmät
Aktiivinen osallistuminen opetukseen, vertaisryhmätyöskentely sekä kurssilla määritellyn kirjallisuuden lukeminen.

Kohderyhmät
Opintojakso on pääosin tarkoitettu Helsingin yliopiston työsuhteessa olevalle henkilöstölle, jolla on opetus- ja/tai ohjaustehtäviä.

Opintojakso on pakollinen opiskelijoille, jotka suorittavat opettajan pedagogiset opinnot 60 op.

Järjestämisajankohta opetusperiodin tarkkuudella
Periodeissa I-VI

Suositeltava suoritusajankohta tai –vaihe

Suositeltu järjestyksen mukaisesti

Opintokokonaisuus

Opettajan pedagogiset opinnot 60 op

Vanhentuminen

Yliopiston ja tiedekunnan linjausten mukaisesti.

Study materials

FI: Opetuksesta vastaavan opettajan kanssa sovittu kirjallisuus, muu materiaali ja lisäksi:

Lindblom-Ylänne, S. & Nevgi, A. (toim.) (2009). *Yliopisto-opettajan käsikirja*. Helsinki: WSOY. Luvut: 1–6.

Pyörälä, E. Paradigman muutos ja aktivoivat oppimismenetelmät lääketieteen koulutuksessa. Yliopistopedagogiikka 2014; 21 (2)3-15.

Lonka, K. (2014). *Oivaltava oppiminen.* Helsinki: Otava.

Lehtinen, E., Vauras, M. & Lerkkanen, M-K. (2016). *Kasvatuspsykologia.* Jyväskylä: PS-Kustannus (Soveltuvin osin)

Ruotsinkielinen vaihtoehto:

Lindblom-Ylänne, S. & Nevgi, A., Lindfors, B., Londen, M., Löfström, E., & Mickwitz, Å. (red.) (2016). *Handbok i universitetspedagogik*. Vasa: Fram. Kapitlen 1,3–6.

Englanninkielinen vaihtoehto:

Biggs, J & Tang, C. (2011) *Teaching for Quality Learning at University***.** Buckingham: SRHE and Open University Press Imprint. 4th Ed. Kirja on saatavissa e-kirjana, Nelli, Academic collection, ebooks (EBSCOhost). Part 1.

Bransford, J.D., Brown, A.L. & Cocking, R.R. (Eds.) (2000). *How people learn: Brain, mind, experience, and school.* Expanded edition. Washington, D.C.: National Academy Press. Selected chapters. Available at http://www.nap.edu/openbook.php?record id=9853&page=1

TAI

Entwistle, N. (2009). *Teaching for understanding at university: deep approaches and distinctive ways of thinking.* Basingstoke: Palgrave Macmillan.

TAI

Entwistle, N. (2009). *Teaching for understanding at university: deep approaches and distinctive ways of thinking.* Basingstoke: Palgrave Macmillan.

TAI

Kirby, J. R., & Lawson, M.J. (2012). *Enhancing the quality of learning : dispositions, instruction, and learning processes.* Cambridge : Cambridge University Press.

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Exam		5 cr
Method 3		5 cr
Independent study		5 cr
Method 4		5 cr
Open uni: Participation in teaching		5 cr

PED5121 UP 2.1 Constructive Alignment in Course Design

PED5121 YP 2.1 Opetuksen linjakas suunnittelu, toteutus ja arviointi

PED5121 UP 2.1 Konstruktivt samordnad undervisning

Abbreviation: YP 2.1 Opetukse

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	since 1 Aug 2023
Credits	5 cr
Languages	English, Finnish, Swedish
Grading scale	General scale, 0-5
University	University of Helsinki
Responsible organisation	Faculty of Educational Sciences 100%
Responsible person	Vilhelmiina Harju, Responsible teacher
Study level	Other studies
Study field	Fields of education (Ministry of Education and Culture), Education

Prerequisites

FI: Suositus: YP1 Oppiminen yliopistolla kurssi suoritettuna

Equivalences to other studies

AYPED5121 Open uni: UP2.1 Constructive Alignment in Course Design

Learning outcomes

FI: Opintojakson suoritettuaan osallistuja

- Kestävän kehityksen polku
- Tasa-arvon ja yhdenvertaisuuden polku
- Digitaalisuuden polku

Opintojakson suoritettuaan osallistuja

· tuntee opetukseen liittyviä peruskäsitteitä ja opetusteorioita,

· tuntee oman koulutusohjelmansa opetussuunnitelman,

· osaa soveltaa konstruktiivisesti linjakkaan opetuksen periaatteita omantieteenalansa / oppiaineensa opetukseen ja osaa laatia kurssisuunnitelman, joka tukee opiskelijan aktiivista oppimista,

· osaa valita tarkoituksenmukaiset opetus- ja arviointimenetelmät ja ottaa huomioon myös opettajien ja opiskelijoiden hyvinvoinnin ja kestävän kehityksen näkökulmat ja hyödyntää opetusteknologiaa opetuksessaan pedagogisesti mielekkäällä tavalla,

· osaa kuvata oman pedagogisen ajattelutapansa, tunnistaa opetuksen eettisen luonteen ja osaa antaa ja hyödyntää saamaansa palautetta opetuksesta ja kurssisuunnitelmasta,

· osaa selittää, miten yliopistopedagogiikka kasvatustieteen osa-alueena tutkii ja kehittää tieteenalakohtaista opetusta, opiskelua ja oppimista yliopistokoulutuksessa sekä miten se muodostaa ammatillisten taitojen ja tietojen teoriapohjan.

Opintojaksoon liittyvät polut

Edellisten lisäksi yliopistopedagogiikassa on myös seuraavat polut

· Tutkimuksen ja opetuksen yhteyden vahvistamisen polku

· Hyvinvoinnin tukemisen polku

Content

FI: Opintojaksolla käsitellään
· Konstruktivistista linjakkuutta,

· Opetuksen suunnittelua, osaamistavoitteiden asettamista, sisältöjen ja menetelmien valintaa ja arviointia kurssi- ja koulutusohjelmatasolla,

· opetussuunnitelmaa teoreettisena ja käytännöllisenä opetuksen kehittämisen välineenä,

· opetus-opiskelu-oppimisprosessin tavoitteisuutta ja vuorovaikutusta analysoiden havaintoja vertaisten opetusharjoittelusta ja opetussuunnitelmista.

Additional information

FI: Suoritustavat
Osallistuminen opetukseen ja kurssitehtävien tekeminen.

Arviointimenetelmät ja –kriteerit

Arvosana koostuu suunnittelutehtävästä.

Oppimista tukevat aktiviteetit ja menetelmät
Aktiivinen osallistuminen opetukseen ja vertaisryhmätyöskentely sekä kurssilla määritellyn kirjallisuuden lukeminen.

Kohderyhmät
Opintojakso on pääosin tarkoitettu Helsingin yliopiston työsuhteessa olevalle henkilöstölle, jolla on opetus- ja/tai ohjaustehtäviä.

Opintojakso on pakollinen opiskelijoille, jotka suorittavat opettajan pedagogiset opinnot 60 op.

Järjestämisajankohta opetusperiodin tarkkuudella

Periodeissa I-VI

Suositeltava suoritusajankohta tai –vaihe

Suositeltu järjestyksen mukaisesti

Opintokokonaisuus

Opettajan pedagogiset opinnot 60 op

Vanhentuminen

Yliopiston ja tiedekunnan linjausten mukaisesti.

Mahdolliset opetuskielet

suomi,#ruotsi, englanti

Study materials

FI: Opetuksesta vastaavan opettajan kanssa sovittu kirjallisuus, muu materiaali ja lisäksi:

Lindblom-Ylänne, S. & Nevgi, A. (toim.) (2009). Yliopisto-opettajan käsikirja. Helsinki: WSOY. Luvut: 7–14.
Pyörälä, E. Paradigman muutos ja aktivoivat oppimismenetelmät lääketieteen koulutuksessa. Yliopistopedagogiikka 2014; 21 (2)3-15.
Biggs, J & Tang, C. (2011). Teaching for Quality Learning at University. Buckingham: SRHE and Open University Press Imprint. 4th Ed. Kirja on saatavissa e-kirjana, Nelli, Academic collection, ebooks (EBSCOhost).

Ruotsinkielinen vaihtoehto:

Lindblom-Ylänne, S. & Nevgi, A., Lindfors, B., Londen, M., Löfström, E., & Mickwitz, Å. (red.) (2016). Handbok i universitetspedagogik. Vasa: Fram. Kapitlen 1,3–6, 8.

Englanninkielinen vaihtoehto:

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Exam		5 cr
Method 3		5 cr
Independent study		5 cr
Method 4		5 cr
Open uni: Participation in teaching		5 cr

PED5122 UP 2.2 Assessment of Learning and Giving Feedback

PED5122 YP 2.2 Oppimisen arviointi ja palautteen antaminen

PED5122 UP 2.2 Att utvärdera lärande och ge respons

Abbreviation: YP 2.2 Oppimise

Curriculum periods 2023-24, 2024-25, 2025-26

Validity period	since 1 Aug 2023
Credits	5 cr
Languages	Finnish, Swedish
Grading scale	General scale, 0-5
University	University of Helsinki
Responsible organisation	Faculty of Educational Sciences 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Other studies
Study field	Fields of education (Ministry of Education and Culture), Education

Prerequisites

FI: YP1 (PED511) Oppiminen yliopistossa, 5 op
tai
YP2.1 (PED5121) Opetuksen linjakas suunnittelu, toteutus ja arviointi, 5 op

Equivalences to other studies

AYPED5122 Avoin yo: Oppimisen arviointi ja palautteen antaminen

Learning outcomes

FI: Opintojakson suoritettuaan osallistuja
· osaa tunnistaa ja kuvata arvioinnin merkityksen osana oppimisprosessia ja kuvata keskeisiä arviointitutkimukseen perustuvia käsitteitä,

· osaa suunnitella ja valita tarkoituksenmukaiset arviointikäytännöt opetukseen huomioiden kohderyhmä, konteksti, linjakkuus, työmäärä ja alan tutkimustieto,

· osaa arvioida erilaisia arvioinnin sekä palautteen antamisen toteutustapoja myös oikeudenmukaisuuden ja luotettavuuden näkökulmasta,

· tiedostaa oman oppiaineensa tai tiedekuntansa arviointi- ja palautekäytänteet,

· osaa reflektoida ja analysoida omia arviointikäytäntöjä.

Opintojaksoon liittyvät polut

- Kestävän kehityksen polku
- Tasa-arvon ja yhdenvertaisuuden polku
- Digitaalisuuden polku

Edellisten lisäksi yliopistopedagogiikassa on myös seuraavat polut

- Tutkimuksen ja opetuksen yhteyden vahvistamisen polku
- Hyvinvoinnin tukemisen polku

Content

FI: Opintojaksolla käsitellään
· arvioinnin peruskäsitteitä, arvioinnin teorian ja käytännön suhteita,

· arvioinnin suunnittelua, toteutusta ja kehittämistä opiskelijan oppimisen tukemiseksi,

· arvioinnin oikeudenmukaisuutta ja luotettavuutta,

· arvioinnin rakentamista osaksi opetussuunnitelmaa ja oppimisprosessia ohjaamaan.

Additional information

FI: Suoritustavat
Osallistuminen opetukseen ja kurssitehtävien tekeminen.

Arviointimenetelmät ja –kriteerit

Arvosana koostuu reflektiotehtävästä ja arvioinnin kehittämistehtävästä

Oppimista tukevat aktiviteetit ja menetelmät

Aktiivinen osallistuminen opetukseen ja vertaisryhmätyöskentely sekä kurssilla määritellyn kirjallisuuden lukeminen.

Kohderyhmät

Opintojakso on pääosin tarkoitettu Helsingin yliopiston työsuhteessa olevalle henkilöstölle, jolla on opetus- ja/tai ohjaustehtäviä.

Opintojakso on pakollinen opiskelijoille, jotka suorittavat opettajan pedagogiset opinnot 60 op.

Järjestämisajankohta opetusperiodin tarkkuudella

Periodeissa I-VI

Suositeltava suoritusajankohta tai –vaihe

Suositeltu järjestyksen mukaisesti

Opintokokonaisuus

Opettajan pedagogiset opinnot 60 op

Vanhentuminen

Yliopiston ja tiedekunnan linjausten mukaisesti.

Mahdolliset opetuskielet

suomi,#ruotsi, englanti

Study materials

FI: Opetuksesta vastaavan opettajan kanssa sovittu kirjallisuus, muu materiaali ja lisäksi:

Atjonen, P. (2007). Hyvä, paha arviointi. Jyväskylä: Gummerus Kirjapaino Oy. Loppuunmyyty. Kirja saatavissa verkossa pdf-muodossa.
Norcini J, Anderson MB, Bollela V, Burch V, Costa MJ, Duvivier R, Hays R, Palacios Mackay MF, Roberts T & Swanson D. (2018) Consensus framework for good assessment, Medical Teacher 2018 Oct 9:1-8.

Uotinen S, Tapola- Tuohikumpu S, Talamo A, Nummi S & Kautto-Knape E. (2018) Vertaisarviointitaitoja oppimassa verkossa. Yliopistopedagogiikka 25;1: 52-55. https://lehti.yliopistopedagogiikka.fi/2018/11/26/vertaisarviointitaitoja-oppimassa-verkossa/

Virtanen, V., Postareff, L., & Hailikari, T. (2015). Millainen arviointi tukee elinikäistä oppimista? Yliopistopedagogiikka, 22(1), 1-11. http://lehti.yliopistopedagogiikka.fi/2015/03/27/millainen-arviointi-tukee-elinikaista-oppimista/

Biggs, J & Tang, C. (2011). Teaching for Quality Learning at University. Buckingham: SRHE and Open University Press Imprint. 4th Ed. Kirja on saatavissa e-kirjana, Nelli, Academic collection, ebooks (EBSCOhost). Part 2.

TAI

Bloxham, S., & Boyd, P. (2007). Developing effective assessment in higher education: a practical guide. Maidenhead : Open University Press. Kirja saatavissa e-kirjana, käytettävissä Helsingin yliopiston verkossa.

TAI

Barkley, E. F., & Major Howell, C. (2016). Learning assessment techniques: a handbook for college faculty. San Francisco, California : Jossey-Bass. Kirja saatavissa e-kirjana, käytettävissä Helsingin yliopiston verkossa.

TAI

Brown, S. (2015). Learning, Teaching and Assessment in Higher Education: Global perspectives. New York : Palgrave Macmillan.

TAI

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Exam		5 cr
Method 3		5 cr
Independent study		5 cr
Method 4		5 cr
Open uni: Participation in teaching		5 cr

PHD-101 PhD Career course

PHD-101 Tohtorin urakurssi

PHD-101 Karriärkurs för doktorander

Abbreviation: Tohtorin urakurssi

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English, Finnish, Swedish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies

Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

929010 PhD Career Course

or

HYMY-912 PhD Career Course

Equivalences (free text field)

FI: HYMY-912, 929010

SV: HYMY-912, 929010
PHD-101

Karriärkurs för doktorander

EN: HYMY-912, 929010
PHD-101

PhD Career course

Learning outcomes

FI: The aim of the course is to develop PhD candidates' career planning and job-seeking skills. The course will bring together doctoral candidates who are aiming to build a career outside of academia. The course will focus on PhD candidates' competences and strengths in the labour market. The course supports individuals' career planning outside the academia and gives an over-view of the job-search process.

SV: The aim of the course is to develop PhD candidates' career planning and job-seeking skills. The course will bring together doctoral candidates who are aiming to build a career outside of academia. The course will focus on PhD candidates' competences and strengths in the labour market. The course supports individuals' career planning outside the academia and gives an over-view of the job-search process.

EN: The aim of the course is to develop PhD candidates' career planning and job-seeking skills. The course will bring together doctoral candidates who are aiming to build a career outside of academia. The course will focus on PhD candidates' competences and strengths in the labour market. The course supports individuals' career planning outside the academia and gives an over-view of the job-search process.

Content

FI: The course focuses on the key questions that are important when planning your career outside the academia: recognizing and communicating your personal skills and strengths as well as preparing for the job search process.
The participants will expand their perspective on potential employers by doing an informational interview of an interesting organization or employer.
The course focuses on the following topics:

- career planning and self-knowledge
- exploring career options
- PhD as a job seeker outside the academia
- how to write a convincing job application documents
- aspects of a successful job interview

SV: The course focuses on the key questions that are important when planning your career outside the academia: recognizing and communicating your personal skills and strengths as well as preparing for the job search process.
The participants will expand their perspective on potential employers by doing an informational interview of an interesting organization or employer.
The course focuses on the following topics:
- career planning and self-knowledge
- exploring career options
- PhD as a job seeker outside the academia
- how to write a convincing job application documents
- aspects of a successful job interview

EN: The course focuses on the key questions that are important when planning your career outside the academia: recognizing and communicating your personal skills and strengths as well as preparing for the job search process.
The participants will expand their perspective on potential employers by doing an informational interview of an interesting organization or employer.
The course focuses on the following topics:
- career planning and self-knowledge
- exploring career options
- PhD as a job seeker outside the academia
- how to write a convincing job application documents
- aspects of a successful job interview

Additional information

FI:

Completion methods (general description)

Participation in teaching. The credits (2cr, pass/fail) are given only if you participate in all five sessions and complete the course assignments.

Target groups

All Helsinki university PhD candidates who consider building a career outside of academia.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching. The credits (2cr, pass/fail) are given only if you participate in all five sessions and complete the course assignments.

Target groups

All Helsinki university PhD candidates who consider building a career outside of academia.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching. The credits (2cr, pass/fail) are given only if you participate in all five sessions and complete the course assignments.

Target groups

All Helsinki university PhD candidates who consider building a career outside of academia.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr
Method 2		2 cr
Independent study		2 cr

PHD-303 Project management and leadership

PHD-303 Project management and leadership

PHD-303 Project management and leadership

Abbreviation: Project management and leadership

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English, Finnish, Swedish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%

Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs)

Equivalences to other studies

DONAS-107 Project management and leadership

Health-105 Project management and Leadership

YEB-112 Project management

DONAS-117 Project management

Equivalences (free text field)

FI: YEB-112, Health-105, DONAS-107, DONAS-117

SV: YEB-112, Health-105, DONAS-107, DONAS-117
PHD-303

Project management and leadership

EN: YEB-112, Health-105, DONAS-107, DONAS-117
PHD-303

Project management and leadership

Learning outcomes

FI: The course will give a solid grasp of the Project Management discipline and possibilities for its application to projects in different fields:

- Know what the discipline of Project management is, its current state and the existing standards.
- Learn what does and doesn't work in a research environment and why.
- Learn how to efficiently organize work towards a goal.
- Be able to develop a professional project's schedule and budget.
- Learn Good practices for communication within a Project, influence others and act in a crisis.

SV: The course will give a solid grasp of the Project Management discipline and possibilities for its application to projects in different fields:

- Know what the discipline of Project management is, its current state and the existing standards.
- Learn what does and doesn't work in a research environment and why.
- Learn how to efficiently organize work towards a goal.
- Be able to develop a professional project's schedule and budget.

- Learn Good practices for communication within a Project, influence others and act in a crisis.

EN: The course will give a solid grasp of the Project Management discipline and possibilities for its application to projects in different fields:

- Know what the discipline of Project management is, its current state and the existing standards.
- Learn what does and doesn't work in a research environment and why.
- Learn how to efficiently organize work towards a goal.
- Be able to develop a professional project's schedule and budget.
- Learn Good practices for communication within a Project, influence others and act in a crisis.

Content

FI: Work motivation, communication, the nature of work groups and teams, starting a Project, decision trees and process maps, scheduling a Project, developing a Project schedule, budgeting a Project, risk management in projects, Project execution and closure, leadership, persuasion and influence

SV: Work motivation, communication, the nature of work groups and teams, starting a Project, decision trees and process maps, scheduling a Project, developing a Project schedule, budgeting a Project, risk management in projects, Project execution and closure, leadership, persuasion and influence

EN: Work motivation, communication, the nature of work groups and teams, starting a Project, decision trees and process maps, scheduling a Project, developing a Project schedule, budgeting a Project, risk management in projects, Project execution and closure, leadership, persuasion and influence

Additional information

FI:

Completion methods (general description)

Participation in teaching.

Lectures and course exercises.

Assessment practices and criteria

PASS/FAIL, 80% attendance and assignment completion required

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

Lectures and course exercises.

Assessment practices and criteria

PASS/FAIL, 80% attendance and assignment completion required

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

Lectures and course exercises.

Assessment practices and criteria

PASS/FAIL, 80% attendance and assignment completion required

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr
Method 2		2 cr
Independent study		2 cr

PHD-305 Biobusiness course

PHD-305 Biobusiness course

PHD-305 Biobusiness course

Abbreviation: Biobusiness course

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	3 cr
Languages	English, Finnish, Swedish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Natural sciences

Equivalences (free text field)

SV: PHD-305
Biobusiness course

EN: PHD-305
Biobusiness course

Learning outcomes

FI: Introduction to the backbone of business elements (Product,Market,Sales & finance)
Business strategy and decision making on biomedical/biotech/medtech innovations
From Innovation to commercialization process (Do's and Dont's as a scientist)
Intellectual property rights and IPR strategy
Support for innovations sprouting from within the University of Helsinki
Fund raising strategy and company setup in Finland
Local & global funding tool for startups.
General Business plan overview and content
Competitive analysis & market analysis
Basics of Financial management
Product development
Group Dynamic

SV: Introduction to the backbone of business elements (Product,Market,Sales & finance)
Business strategy and decision making on biomedical/biotech/medtech innovations
From Innovation to commercialization process (Do's and Dont's as a scientist)
Intellectual property rights and IPR strategy
Support for innovations sprouting from within the University of Helsinki
Fund raising strategy and company setup in Finland
Local & global funding tool for startups.

General Business plan overview and content
Competitive analysis & market analysis
Basics of Financial management
Product development
Group Dynamic

EN: Introduction to the backbone of business elements (Product,Market,Sales & finance)
Business strategy and decision making on biomedical/biotech/medtech innovations
From Innovation to commercialization process (Do's and Dont's as a scientist)
Intellectual property rights and IPR strategy
Support for innovations sprouting from within the University of Helsinki
Fund raising strategy and company setup in Finland
Local & global funding tool for startups.
General Business plan overview and content
Competitive analysis & market analysis
Basics of Financial management
Product development
Group Dynamic

Content

FI: The course is aimed at students with an interest in learning or pursuing a career in the industrial sector. The course is aimed at delivering participants of major transferable skills and understanding, to enter the business side of sciences; In addition to connecting the students to some vital contacts for their personal networks.

SV: The course is aimed at students with an interest in learning or pursuing a career in the industrial sector. The course is aimed at delivering participants of major transferable skills and understanding, to enter the business side of sciences; In addition to connecting the students to some vital contacts for their personal networks. Please find attached the major modules that will be covered in the course.

EN: The course is aimed at students with an interest in learning or pursuing a career in the industrial sector. The course is aimed at delivering participants of major transferable skills and understanding, to enter the business side of sciences; In addition to connecting the students to some vital contacts for their personal networks. Please find attached the major modules that will be covered in the course.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

Completion of assigned tasks (workshops), proven group work, business report submission & final presentation (defense)

Target groups

Doctoral researchers in life sciences

Recommended time or stage of studies for completion

At any stage of doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

Completion of assigned tasks (workshops), proven group work, business report submission & final presentation (defense)

Target groups

Doctoral researchers in life sciences

Recommended time or stage of studies for completion

At any stage of doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

Completion of assigned tasks (workshops), proven group work, business report submission & final presentation (defense)

Target groups

Doctoral researchers in life sciences

Recommended time or stage of studies for completion

At any stage of doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		3 cr
Participation in teaching		3 cr
Method 2		3 cr
Independent study		3 cr

PHD-306 Conference Organising

PHD-306 Konferenssin järjestäminen

PHD-306 Konferens organisering

Abbreviation: Konferenssin järjestäminen

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-5 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-914 Conference Organizing

Equivalences (free text field)

FI: HYMY-914

SV: HYMY-914
PHD-306

Konferens organisering

EN: HYMY-914
PHD-306

Conference Organising

Learning outcomes

FI: The objective of the course is to plan and organise an academic conference. In this hands on recreational course, the doctoral researchers will actively engage in all the different aspects of conference organising:

- pre-planning phase - setting the conference objectives, budgeting of the event
- planning phase - external communications and marketing of the event, event planning, abstract reading
- execution phase - facilitating the event in conference venue
- post-planning phase - event wrap-up and lessons learnt

The doctoral researchers will be supported in this taks by course teacher, who will call up the planning meetings (lessons) and the academic leadership, who is in charge of recruiting the keynote speakers for the event.

SV: The objective of the course is to plan and organise an academic conference. In this hands on recreational course, the doctoral researchers will actively engage in all the different aspects of conference organising:

- pre-planning phase - setting the conference objectives, budgeting of the event
- planning phase - external communications and marketing of the event, event planning, abstract reading
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- pre-planning phase - setting the conference objectives, budgeting of the event
- planning phase - external communications and marketing of the event, event planning, abstract reading
- execution phase - facilitating the event in conference venue
- post-planning phase - event wrap-up and lessons learnt

The doctoral researchers will be supported in this taks by course teacher, who will call up the planning meetings (lessons) and the academic leadership, who is in charge of recruiting the keynote speakers for the event.

Content

FI: The course will convey approximately 10-12 two hour planning sessions before the event:
Lessons 1-2 what constitutes a succesfull conference? organising responsibilities, conference objective, call for papers, budgeting and resources

Lessons 3-4 planning communications, event design, recruiting keynote speakers and workshop leaders, choosing conference venue

Lesson 5 Publication of the call for papers, facilitating the abstract reading, social media presence

Lessons 6-7 Abstract reading and grouping, communication with the conference participants (confirmation of acceptance or rejection), sign-up for the event

Lessons 8-9 Finalising the conference programme, detailed events planning, communication and instructions to keynote speakers, workshop leaders, chairs and panelists

Lessons 10-11 Dress-rehearshal on the conference site, or online, last minute preparations, managing risks and dealing with unexpected circumstances

Session 12 Wrap up and lessons learned after the event

In addition to the planning, are required to fully participate in the actual event. If they participate only they will receive 2 for the course +1 for attending the event= 3 credits and if they present a paper 2 for the course +2= 4 credits.

SV: The course will convey approximately 10-12 two hour planning sessions before the event:
Lessons 1-2 what constitutes a succesfull conference? organising responsibilities, conference objective, call for papers, budgeting and resources

Lessons 3-4 planning communications, event design, recruiting keynote speakers and workshop leaders, choosing conference venue

Lesson 5 Publication of the call for papers, facilitating the abstract reading, social media presence

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EN: The course will convey approximately 10-12 two hour planning sessions before the event:
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Lessons 10-11 Dress-rehearshal on the conference site, or online, last minute preparations, managing risks and dealing with unexpected circumstances

Session 12 Wrap up and lessons learned after the event

In addition to the planning, are required to fully participate in the actual event. If they participate only they will receive 2 for the course +1 for attending the event= 3 credits and if they present a paper 2 for the course +2= 4 credits.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

Active attendance is required.

Assessment practices and criteria

Pass/fail.

80% attendance in the lessons is required to complete the course.

Dress rehearshal is compulsary for everyone.

Full attendance of two day event is required.

Learning activities and methods

Group activities, design and planning skills.

Target groups

Doctoral researchers.

Ideal target size for the course is 8-12 participants depending on the size of the event.

Teaching period when the course will be offered

Planning and lessons will take place during teaching periods - the conference may take place outside teaching periods.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

Active attendance is required.

Assessment practices and criteria

Pass/fail.

80% attendance in the lessons is required to complete the course.

Dress rehearshal is compulsary for everyone.

Full attendance of two day event is required.

Learning activities and methods

Group activities, design and planning skills.

Target groups

Doctoral researchers.

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Teaching period when the course will be offered

Planning and lessons will take place during teaching periods - the conference may take place outside teaching periods.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

Active attendance is required.

Assessment practices and criteria

Pass/fail.

80% attendance in the lessons is required to complete the course.

Dress rehearshal is compulsary for everyone.

Full attendance of two day event is required.

Learning activities and methods

Group activities, design and planning skills.

Target groups

Doctoral researchers.

Ideal target size for the course is 8-12 participants depending on the size of the event.

Teaching period when the course will be offered

Planning and lessons will take place during teaching periods - the conference may take place outside teaching periods.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-5 cr
Participation in teaching		1-5 cr

PHD-307 Doctoral programme/school or university activities

PHD-307 Doctoral programme/school or university activities

PHD-307 Doctoral programme/school or university activities

Abbreviation: Doctoral programme/school or university activities

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-2 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies

Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

Health-110 Student council and doctoral programme/school activities

YEB-102 Board membership

Equivalences (free text field)

FI: Health-110 1-2 cr
YEB-102 Board membership 1 cr

SV: Health-110 1-2 cr
YEB-102 Board membership 1 cr
PHD-307

Doctoral programme/school or university activities

EN: Health-110 1-2 cr
YEB-102 Board membership 1 cr
PHD-307

Doctoral programme/school or university activities

Learning outcomes

FI: After serving as a member of a board or in other positions at the university, doctoral candidates:

- will be familiar with the responsibilities of a board member and university administration
- have learnt time-management as well as employment of best practices and decision making at the University of Helsinki
- improved skills in e.g. critical and analytical thinking, creativeness, risk managing, problem solving, networking, time-management, team work, innovativeness, project and financial management, science policy, societal impact, collaboration, mentoring.

SV: After serving as a member of a board or in other positions at the university, doctoral candidates:

- will be familiar with the responsibilities of a board member and university administration
- have learnt time-management as well as employment of best practices and decision making at the University of Helsinki
- improved skills in e.g. critical and analytical thinking, creativeness, risk managing, problem solving, networking, time-management, team work, innovativeness, project and financial management, science policy, societal impact, collaboration, mentoring.

EN: After serving as a member of a board or in other positions at the university, doctoral candidates:

- will be familiar with the responsibilities of a board member and university administration

- have learnt time-management as well as employment of best practices and decision making at the University of Helsinki
- improved skills in e.g. critical and analytical thinking, creativeness, risk managing, problem solving, networking, time-management, team work, innovativeness, project and financial management, science policy, societal impact, collaboration, mentoring.

Content

FI: Acting as a member of a board or steering committee at the university, for example at a faculty council, doctoral programme, or doctoral school. The activities may also include e.g. student council membership, participation in organizing student council/doctoral programme/doctoral school events and activities. One year of membership equals one credit.

SV: Acting as a member of a board or steering committee at the university, for example at a faculty council, doctoral programme, or doctoral school. The activities may also include e.g. student council membership, participation in organizing student council/doctoral programme/doctoral school events and activities. One year of membership equals one credit.

EN: Acting as a member of a board or steering committee at the university, for example at a faculty council, doctoral programme, or doctoral school. The activities may also include e.g. student council membership, participation in organizing student council/doctoral programme/doctoral school events and activities. One year of membership equals one credit.

Additional information

FI:

Completion methods (general description)

Independent study

Assessment practices and criteria

A short statement from the board director or secretary is required in order to receive credits.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Independent study

Assessment practices and criteria

A short statement from the board director or secretary is required in order to receive credits.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Independent study

Assessment practices and criteria

A short statement from the board director or secretary is required in order to receive credits.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-2 cr
Participation in teaching		1-2 cr
Method 2		1-2 cr
Independent study		1-2 cr

PHD-308 Mielekäs akateeminen työ

PHD-308 Mielekäs akateeminen työ

PHD-308 Mielekäs akateeminen työ

Abbreviation: Mielekäs akateeminen työ

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	3 cr
Languages	English, Swedish, Finnish

Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-925 Mielekäs akateeminen työ

Equivalences (free text field)

FI: HYMY-925

SV: HYMY-925
PHD-308

Mielekäs akateeminen työ

EN: HYMY-925
PHD-308

Mielekäs akateeminen työ

Learning outcomes

FI: Kurssin tavoitteena on vahvistaa väitöskirjatutkijoiden toimijuutta, eli kykyä vaikuttaa omaan työhön ja sen olosuhteisiin. Kurssi tarjoaa voimavaroja työn mielekkyyden vahvistamiseen ja ylläpitämiseen, konkreettisia työkaluja arjen hallintaan ja työn tuunaamiseen sekä keinoja vertaistuen hyödyntämiseen ja oman osaamisen näkyväksi tekemiseen.
Tai oppimistavoitteina:

Kurssilla opit:

- vaikuttamaan omaan työhösi ja sen olosuhteisiin
- vahvistamaan ja ylläpitämään työn mielekkyyttä
- hyödyntämään konkreettisia työkaluja arjen hallinnassa ja työn tuunaamisessa
- hyödyntämään vertaistukea ja tekemään omaa osaamistasi näkyväksi

SV: Kurssin tavoitteena on vahvistaa väitöskirjatutkijoiden toimijuutta, eli kykyä vaikuttaa omaan työhön ja sen olosuhteisiin. Kurssi tarjoaa voimavaroja työn mielekkyyden vahvistamiseen ja ylläpitämiseen, konkreettisia työkaluja arjen hallintaan ja työn tuunaamiseen sekä keinoja vertaistuen hyödyntämiseen ja oman osaamisen näkyväksi tekemiseen.

Tai oppimistavoitteina:

Kurssilla opit:

- vaikuttamaan omaan työhösi ja sen olosuhteisiin
- vahvistamaan ja ylläpitämään työn mielekkyyttä
- hyödyntämään konkreettisia työkaluja arjen hallinnassa ja työn tuunaamisessa
- hyödyntämään vertaistukea ja tekemään omaa osaamistasi näkyväksi

EN: Kurssin tavoitteena on vahvistaa väitöskirjatutkijoiden toimijuutta, eli kykyä vaikuttaa omaan työhön ja sen olosuhteisiin. Kurssi tarjoaa voimavaroja työn mielekkyyden vahvistamiseen ja ylläpitämiseen, konkreettisia työkaluja arjen hallintaan ja työn tuunaamiseen sekä keinoja vertaistuen hyödyntämiseen ja oman osaamisen näkyväksi tekemiseen.
Tai oppimistavoitteina:

Kurssilla opit:

- vaikuttamaan omaan työhösi ja sen olosuhteisiin
- vahvistamaan ja ylläpitämään työn mielekkyyttä
- hyödyntämään konkreettisia työkaluja arjen hallinnassa ja työn tuunaamisessa
- hyödyntämään vertaistukea ja tekemään omaa osaamistasi näkyväksi

Content

FI: Työn mielekkyys, päämäärät ja suunnitelmallisuus
Kuinka kirkastaa oman työn mielekkyyden lähteitä? Millaista on mielekkäitä päämääriä tukeva tietoinen ajankäyttö? Kuinka pyrkiä suunnitelmallisuuteen, aikaansaamiseen ja hyvinvointiin työssä?

Mieli työssä, huijarisyndrooma ja itsemyötätunt

Miten työn mielekkyyteen voi vaikuttaa itse, omassa mielessä ja omissa tavoissa? Miksi on tärkeä ymmärtää huijarisyndrooman kaltaisia ajatuksia? Mikä merkitys on itsemyötätunnolla ja kuinka sitä voi harjoittaa?

Mielekkyyttä syövät ja luovat työkäytännöt

Miten erilaiset akateemisen työn ja tohtoriopiskelun käytännöt vaikuttavat työn mielekkyyteen? Miten ne vahvistavat tai rajoittavat mahdollisuuksia vaikuttaa omaan työhön? Kuinka näitä käytäntöjä voi vahvistaa, muuttaa tai kehittää yhdessä?

Neuvottelutaidoilla hyvään työhön

Mistä kaikesta akateemisessa työssä neuvotellaan/voisi neuvotella/pitäisi neuvotella? Mikä on oma suhteeni neuvottelemiseen? Miten neuvottelemalla voi vaikuttaa työn mielekkyyteen?

Oman osaaminen tunnistaminen ja näkyväksi tekeminen

Kuinka tunnistaa, sanoittaa ja tehdä näkyväksi omaa osaamista? Miten löytää uudenlaisia mahdollisuuksia omien taitojen, kokemuksen ja osaamisen hyödyntämiseen ja kehittämiseen?

SV: Työn mielekkyys, päämäärät ja suunnitelmallisuus
Kuinka kirkastaa oman työn mielekkyyden lähteitä? Millaista on mielekkäitä päämääriä tukeva tietoinen ajankäyttö? Kuinka pyrkiä suunnitelmallisuuteen, aikaansaamiseen ja hyvinvointiin työssä?

Mieli työssä, huijarisyndrooma ja itsemyötätunt

Miten työn mielekkyyteen voi vaikuttaa itse, omassa mielessä ja omissa tavoissa? Miksi on tärkeä ymmärtää huijarisyndrooman kaltaisia ajatuksia? Mikä merkitys on itsemyötätunnolla ja kuinka sitä voi harjoittaa?

Mielekkyyttä syövät ja luovat työkäytännöt

Miten erilaiset akateemisen työn ja tohtoriopiskelun käytännöt vaikuttavat työn mielekkyyteen? Miten ne vahvistavat tai rajoittavat mahdollisuuksia vaikuttaa omaan työhön? Kuinka näitä käytäntöjä voi vahvistaa, muuttaa tai kehittää yhdessä?

Neuvottelutaidoilla hyvään työhön

Mistä kaikesta akateemisessa työssä neuvotellaan/voisi neuvotella/pitäisi neuvotella? Mikä on oma suhteeni neuvottelemiseen? Miten neuvottelemalla voi vaikuttaa työn mielekkyyteen?

Oman osaaminen tunnistaminen ja näkyväksi tekeminen

Kuinka tunnistaa, sanoittaa ja tehdä näkyväksi omaa osaamista? Miten löytää uudenlaisia mahdollisuuksia omien taitojen, kokemuksen ja osaamisen hyödyntämiseen ja kehittämiseen?

EN: Työn mielekkyys, päämäärät ja suunnitelmallisuus
Kuinka kirkastaa oman työn mielekkyyden lähteitä? Millaista on mielekkäitä päämääriä tukeva tietoinen ajankäyttö? Kuinka pyrkiä suunnitelmallisuuteen, aikaansaamiseen ja hyvinvointiin työssä?

Mieli työssä, huijarisyndrooma ja itsemyötätunt

Miten työn mielekkyyteen voi vaikuttaa itse, omassa mielessä ja omissa tavoissa? Miksi on tärkeä ymmärtää huijarisyndrooman kaltaisia ajatuksia? Mikä merkitys on itsemyötätunnolla ja kuinka sitä voi harjoittaa?

Mielekkyyttä syövät ja luovat työkäytännöt

Miten erilaiset akateemisen työn ja tohtoriopiskelun käytännöt vaikuttavat työn mielekkyyteen? Miten ne vahvistavat tai rajoittavat mahdollisuuksia vaikuttaa omaan työhön? Kuinka näitä käytäntöjä voi vahvistaa, muuttaa tai kehittää yhdessä?

Neuvottelutaidoilla hyvään työhön

Mistä kaikesta akateemisessa työssä neuvotellaan/voisi neuvotella/pitäisi neuvotella? Mikä on oma suhteeni neuvottelemiseen? Miten neuvottelemalla voi vaikuttaa työn mielekkyyteen?

Oman osaaminen tunnistaminen ja näkyväksi tekeminen

Kuinka tunnistaa, sanoittaa ja tehdä näkyväksi omaa osaamista? Miten löytää uudenlaisia mahdollisuuksia omien taitojen, kokemuksen ja osaamisen hyödyntämiseen ja kehittämiseen?

Additional information

FI:

Completion methods (general description)

Osallistuminen opetukseen; ennakkotehtävä; reflektiotehtävät kurssin aikana.

Learning activities and methods

Osallistava opetus; vuoropuhelu; itsenäinen reflektio; reflektioharjoitukset.

Target groups

Väitöskirjatutkijat

Recommended time or stage of studies for completion

Kaikki tohtoriopintojen ja väitöskirjatyön vaiheet.

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Osallistuminen opetukseen; ennakkotehtävä; reflektiotehtävät kurssin aikana.

Learning activities and methods

Osallistava opetus; vuoropuhelu; itsenäinen reflektio; reflektioharjoitukset.

Target groups

Väitöskirjatutkijat

Recommended time or stage of studies for completion

Kaikki tohtoriopintojen ja väitöskirjatyön vaiheet.

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Osallistuminen opetukseen; ennakkotehtävä; reflektiotehtävät kurssin aikana.

Learning activities and methods

Osallistava opetus; vuoropuhelu; itsenäinen reflektio; reflektioharjoitukset.

Target groups

Väitöskirjatutkijat

Recommended time or stage of studies for completion

Kaikki tohtoriopintojen ja väitöskirjatyön vaiheet.

Study modules

Yleiset valmiustaidot

Expiry of studies

Expiry of studies

Languages of instruction

Suomi

EQF level

Doctoral/EQF level 8

Study materials

FI: Henttonen Elina & LaPointe, Kirsi (2015). *Työelämän toisinajattelijat. Vallataan tilaa mielekkäälle työlle.* Gaudeamus, Helsinki. (available in HU library)
Henttonen, Elina & Leinikki, Sikke (2019). Työhyvinvointia apurahalla tutkivalle. https://www.tjs-opintokeskus.fi/julkaisut-ja-aineistot/verkkoaineistot/tyohyvinvointia-apurahalla-tutkivalle (available online)

+ Articles and other material delivered during the course.

SV: Henttonen Elina & LaPointe, Kirsi (2015). *Työelämän toisinajattelijat. Vallataan tilaa mielekkäälle työlle.* Gaudeamus, Helsinki. (available in HU library)
Henttonen, Elina & Leinikki, Sikke (2019). Työhyvinvointia apurahalla tutkivalle. https://www.tjs-opintokeskus.fi/julkaisut-ja-aineistot/verkkoaineistot/tyohyvinvointia-apurahalla-tutkivalle (available online)

+ Articles and other material delivered during the course.

EN: Henttonen Elina & LaPointe, Kirsi (2015). *Työelämän toisinajattelijat. Vallataan tilaa mielekkäälle työlle.* Gaudeamus, Helsinki. (available in HU library)
Henttonen, Elina & Leinikki, Sikke (2019). Työhyvinvointia apurahalla tutkivalle. https://www.tjs-opintokeskus.fi/julkaisut-ja-aineistot/verkkoaineistot/tyohyvinvointia-apurahalla-tutkivalle (available online)

+ Articles and other material delivered during the course.

Completion method and assessment items	Recurrence	Credits
Method 1		3 cr
Participation in teaching		3 cr

PHD-309 Research funding

PHD-309 Research funding

PHD-309 Research funding

Abbreviation: Research funding

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-2 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki

Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Prerequisites

FI:

Recommended prerequisites

Grant writing I, Grant writing II, or other grant-writing courses

SV:

Recommended prerequisites

Grant writing I, Grant writing II, or other grant-writing courses

EN:

Recommended prerequisites

Grant writing I, Grant writing II, or other grant-writing courses

Equivalences to other studies

Health-106 Research Funding

YEB-100 Research funding

Equivalences (free text field)

FI: YEB-100, Health-106

SV: YEB-100, Health-106
PHD-309

Research funding

EN: YEB-100, Health-106
PHD-309

Research funding

Learning outcomes

FI: On completion of the course, the participants will know:

- tools for identifying funding sources

- what is a good research funding application
- funding agencies and relevant instruments at different stages of the research career
- current trends in research funding
- research support services

SV: On completion of the course, the participants will know:

- tools for identifying funding sources
- what is a good research funding application
- funding agencies and relevant instruments at different stages of the research career
- current trends in research funding
- research support services

EN: On completion of the course, the participants will know:

- tools for identifying funding sources
- what is a good research funding application
- funding agencies and relevant instruments at different stages of the research career
- current trends in research funding
- research support services

Content

FI: The course aims to elaborate how to look for research funding and how to write a good research funding application, what are the relevant research funding instruments and funding agencies, and the existing research support services.

SV: The course aims to elaborate how to look for research funding and how to write a good research funding application, what are the relevant research funding instruments and funding agencies, and the existing research support services.

EN: The course aims to elaborate how to look for research funding and how to write a good research funding application, what are the relevant research funding instruments and funding agencies, and the existing research support services.

Additional information

FI:

Completion methods (general description)

Participation in teaching. Lectures, course assignments.

Assessment practices and criteria

PASS/FAIL, 80% attendance, active participation and course assignment completion required

Target groups

Doctoral researchers.

Teaching period when the course will be offered

The course is offered is not offered each year. It may take place either spring or autumn term.

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching. Lectures, course assignments.

Assessment practices and criteria

PASS/FAIL, 80% attendance, active participation and course assignment completion required

Target groups

Doctoral researchers.

Teaching period when the course will be offered

The course is offered is not offered each year. It may take place either spring or autumn term.

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching. Lectures, course assignments.

Assessment practices and criteria

PASS/FAIL, 80% attendance, active participation and course assignment completion required

Target groups

Doctoral researchers.

Teaching period when the course will be offered

The course is offered is not offered each year. It may take place either spring or autumn term.

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-2 cr
Participation in teaching		1-2 cr
Method 2		1-2 cr
Independent study		1-2 cr

PHD-310 Language studies supporting working life skills

PHD-310 Työelämävalmiuksia tukevat kieliopinnot

PHD-310 Språkstudier som stöder arbetslivsfärdigheter

Abbreviation: Työelämävalmiuksia tukevat kieliopinnot

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-5 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies

Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences (free text field)

SV: PHD-310
Språkstudier som stöder arbetslivsfärdigheter

EN: PHD-310
Language studies supporting working life skills

Content

FI: A 1-5 ECTS module of foreign language courses may be added to the transferable skills block, providing that the studies benefit future employment.

SV: A 1-5 ECTS module of foreign language courses may be added to the transferable skills block, providing that the studies benefit future employment.

EN: A 1-5 ECTS module of foreign language courses may be added to the transferable skills block, providing that the studies benefit future employment.

Additional information

FI:

Completion methods (general description)

Participation in teaching (either courses offered by the University of Helsinki or courses accomplished elsewhere), exam, independent study.

Assessment practices and criteria

Courses offered by the University of Helsinki are registered normally. Courses accomplished outside the university are registered using this code. To register these credits, please refer to Instructions for students → assessment of other studies.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching (either courses offered by the University of Helsinki or courses accomplished elsewhere), exam, independent study.

Assessment practices and criteria

Courses offered by the University of Helsinki are registered normally. Courses accomplished outside the university are registered using this code. To register these credits, please refer to Instructions for students → assessment of other studies.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching (either courses offered by the University of Helsinki or courses accomplished elsewhere), exam, independent study.

Assessment practices and criteria

Courses offered by the University of Helsinki are registered normally. Courses accomplished outside the university are registered using this code. To register these credits, please refer to Instructions for students → assessment of other studies.

Target groups

Doctoral researchers

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-5 cr
Participation in teaching		1-5 cr
Method 2		1-5 cr
Independent study		1-5 cr

PHD-311 Ajanhallinnan haasteet muun työn ohessa väitöskirjaa tekeville

PHD-311 Ajanhallinnan haasteet muun työn ohessa väitöskirjaa tekeville

PHD-311 Ajanhallinnan haasteet muun työn ohessa väitöskirjaa tekeville

Abbreviation: Ajanhallinnan haasteet muun työn ohessa väitöskirjaa tekeville

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-918 Ajanhallinnan haasteet muun työn ohessa väitöskirjaa tekeville

Equivalences (free text field)

FI: HYMY-918

SV: HYMY-918
PHD-311
Ajanhallinnan haasteet muun työn ohessa väitöskirjaa tekeville

EN: HYMY-918
PHD-311
Ajanhallinnan haasteet muun työn ohessa väitöskirjaa tekeville

Learning outcomes

FI: Kurssin käytyään tohtorikoulutettava:

- osaa kriittisesti tarkastella ja reflektoida omaa ajankäyttöään ja työskentelytapojaan sekä muuttaa niitä tarvittavin osin
- osaa realistisesti suunnitella ja aikatauluttaa omaa väitöskirjatyötään hyvinvointiaan ylläpitäen ja edistäen sekä voimavarojaan säädellen
- tiedostaa ajankäyttöön vaikuttavat psykologiset tekijät ja reflektoi niiden vaikutusta omaan ajanhallintaan ja väitöskirjatyöhön
- käsittää väitöskirjaprosessin hallittavissa olevana projektina
- tuntee ajan- ja projektinhallinnan metodeja ja apuvälineitä, kuten
- Pomodoro-tekniikka
- Getting Things Done -metodi
- erilaiset tekniset apuvälineet (esim. tehtävälistaohjelmat; muistiinpanotekniikat)
- ja pystyy tunnistamaan niistä itselleen sopivimmat sekä soveltamaan niitä omassa arjessaan ja väitöskirjatyössään

SV: Kurssin käytyään tohtorikoulutettava:

- osaa kriittisesti tarkastella ja reflektoida omaa ajankäyttöään ja työskentelytapojaan sekä muuttaa niitä tarvittavin osin
- osaa realistisesti suunnitella ja aikatauluttaa omaa väitöskirjatyötään hyvinvointiaan ylläpitäen ja edistäen sekä voimavarojaan säädellen
- tiedostaa ajankäyttöön vaikuttavat psykologiset tekijät ja reflektoi niiden vaikutusta omaan ajanhallintaan ja väitöskirjatyöhön
- käsittää väitöskirjaprosessin hallittavissa olevana projektina
- tuntee ajan- ja projektinhallinnan metodeja ja apuvälineitä, kuten
- Pomodoro-tekniikka
- Getting Things Done -metodi
- erilaiset tekniset apuvälineet (esim. tehtävälistaohjelmat; muistiinpanotekniikat)
- ja pystyy tunnistamaan niistä itselleen sopivimmat sekä soveltamaan niitä omassa arjessaan ja väitöskirjatyössään

EN: Kurssin käytyään tohtorikoulutettava:

- osaa kriittisesti tarkastella ja reflektoida omaa ajankäyttöään ja työskentelytapojaan sekä muuttaa niitä tarvittavin osin
- osaa realistisesti suunnitella ja aikatauluttaa omaa väitöskirjatyötään hyvinvointiaan ylläpitäen ja edistäen sekä voimavarojaan säädellen
- tiedostaa ajankäyttöön vaikuttavat psykologiset tekijät ja reflektoi niiden vaikutusta omaan ajanhallintaan ja väitöskirjatyöhön
- käsittää väitöskirjaprosessin hallittavissa olevana projektina
- tuntee ajan- ja projektinhallinnan metodeja ja apuvälineitä, kuten
- Pomodoro-tekniikka
- Getting Things Done -metodi
- erilaiset tekniset apuvälineet (esim. tehtävälistaohjelmat; muistiinpanotekniikat)
- ja pystyy tunnistamaan niistä itselleen sopivimmat sekä soveltamaan niitä omassa arjessaan ja väitöskirjatyössään

Content

FI: Asiantuntijaluentoja, itsenäistä työskentelyä, väitöskirjan kirjoittamista.

SV: Asiantuntijaluentoja, itsenäistä työskentelyä, väitöskirjan kirjoittamista.

EN: Asiantuntijaluentoja, itsenäistä työskentelyä, väitöskirjan kirjoittamista.

Additional information

FI:

Completion methods (general description)

Asiantuntijaluentoja, itsenäistä työskentelyä, väitöskirjan kirjoittamista.

Assessment practices and criteria

Hyväksytty/hylätty.

Target groups

Doctoral researchers.

Teaching period when the course will be offered

Tohtoriopintojen aikana.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Asiantuntijaluentoja, itsenäistä työskentelyä, väitöskirjan kirjoittamista.

Assessment practices and criteria

Hyväksytty/hylätty.

Target groups

Doctoral researchers.

Teaching period when the course will be offered

Tohtoriopintojen aikana.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Asiantuntijaluentoja, itsenäistä työskentelyä, väitöskirjan kirjoittamista.

Assessment practices and criteria

Hyväksytty/hylätty.

Target groups

Doctoral researchers.

Teaching period when the course will be offered

Tohtoriopintojen aikana.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr

PHD-351 Optional studies in professional development 1

PHD-351 Muita työelämätaitojen opintoja 1

PHD-351 Andra studier i arbetslivskunskaper 1

Abbreviation: Muita työelämätaitojen opintoja 1

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies

Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-908 Other Studies in University Pedagogy

DONAS-197 Optional studies in career development

YEB-299 Optional studies in university pedagogy

Health-111 Optional courses: Management and Entrepreneurship

Health-120 Optional courses: Basic research tools and skills

DONAS-196 Optional studies in management skills

HYMY-915 Other Studies in Career Planning and Worklife Skills

YEB-399 Optional studies in management and career skills

DONAS-198 Optional studies in university pedagogy

Equivalences (free text field)

FI: Muut urasuunnittelun ja työskentelytaitojen opinnot HYMY-915 1-10 op
Muut yliopistopedagogiset opinnot/Other Studies in University Pedagogy/Andra studier i universitetspedagogik HYMY-908 1-10 op
Optional studies in career development DONAS-197 1-9 op
Optional courses: Career planning and development Health-113 1-5 op
Optional studies in management and career skills YEB-399 1-8 op
Optional studies in management skills DONAS-196 1-9 op
Optional courses: Management and Entrepreneurship Health-111 1-5 op
Optional studies in university pedagogigs DONAS-198 1-9 op
Optional studies in university pedagogy YEB-299 1-6 op
Optional courses: Basic research tools and skills Health-120 1-5 op

SV: Muut urasuunnittelun ja työskentelytaitojen opinnot HYMY-915 1-10 op
Muut yliopistopedagogiset opinnot/Other Studies in University Pedagogy/Andra studier i universitetspedagogik HYMY-908 1-10 op
Optional studies in career development DONAS-197 1-9 op
Optional courses: Career planning and development Health-113 1-5 op
Optional studies in management and career skills YEB-399 1-8 op
Optional studies in management skills DONAS-196 1-9 op
Optional courses: Management and Entrepreneurship Health-111 1-5 op
Optional studies in university pedagogigs DONAS-198 1-9 op
Optional studies in university pedagogy YEB-299 1-6 op
Optional courses: Basic research tools and skills Health-120 1-5 op
PHD-351

Andra studier i arbetslivskunskaper 1

EN: Muut urasuunnittelun ja työskentelytaitojen opinnot HYMY-915 1-10 op
Muut yliopistopedagogiset opinnot/Other Studies in University Pedagogy/Andra studier i universitetspedagogik HYMY-908 1-10 op
Optional studies in career development DONAS-197 1-9 op
Optional courses: Career planning and development Health-113 1-5 op
Optional studies in management and career skills YEB-399 1-8 op
Optional studies in management skills DONAS-196 1-9 op
Optional courses: Management and Entrepreneurship Health-111 1-5 op
Optional studies in university pedagogigs DONAS-198 1-9 op
Optional studies in university pedagogy YEB-299 1-6 op
Optional courses: Basic research tools and skills Health-120 1-5 op
PHD-351

Optional studies in professional development 1

Learning outcomes

FI: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development.

SV: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development.

EN: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development. The studies may be on the fields of one or more of the following themes:
Career development (max 1-2 ECTS):

- different career opportunities for doctorate holders
- job opportunities outside of the academia
- where to find a job, how to apply and how to prepare for the interview
- what are the expectations of the employers

University pedagogy (max 1-2 ECTS)

Management (max 1-2 ECTS)

Entrepreneurship (max 1-2 ECTS)

Archival or field work (max 1-2 ECTS)

Basic research tools and skills, e.g. statistics, programming etc (max 1-2 ECTS)

SV: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development. The studies may be on the fields of one or more of the following themes:
Career development (max 1-2 ECTS):

- different career opportunities for doctorate holders
- job opportunities outside of the academia
- where to find a job, how to apply and how to prepare for the interview
- what are the expectations of the employers

University pedagogy (max 1-2 ECTS)

Management (max 1-2 ECTS)

Entrepreneurship (max 1-2 ECTS)

Archival or field work (max 1-2 ECTS)

Basic research tools and skills, e.g. statistics, programming etc (max 1-2 ECTS)

EN: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development. The studies may be on the fields of one or more of the following themes:
Career development (max 1-2 ECTS):

- different career opportunities for doctorate holders
- job opportunities outside of the academia
- where to find a job, how to apply and how to prepare for the interview
- what are the expectations of the employers

University pedagogy (max 1-2 ECTS)

Management (max 1-2 ECTS)

Entrepreneurship (max 1-2 ECTS)

Archival or field work (max 1-2 ECTS)

Basic research tools and skills, e.g. statistics, programming etc (max 1-2 ECTS)

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-352 Optional studies in professional development 2

PHD-352 Muita työelämätaitojen opintoja 2

PHD-352 Andra studier i arbetslivskunskaper 2

Abbreviation: Muita työelämätaitojen opintoja 2

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-908 Other Studies in University Pedagogy

Health-113 Optional courses: Career planning and development

DONAS-197 Optional studies in career development

YEB-299 Optional studies in university pedagogy

Health-111 Optional courses: Management and Entrepreneurship

Health-120 Optional courses: Basic research tools and skills

DONAS-196 Optional studies in management skills

HYMY-915 Other Studies in Career Planning and Worklife Skills

YEB-399 Optional studies in management and career skills

DONAS-198 Optional studies in university pedagogy

Equivalences (free text field)

FI: Muut urasuunnittelun ja työskentelytaitojen opinnot HYMY-915 1-10 op
Muut yliopistopedagogiset opinnot/Other Studies in University Pedagogy/Andra studier i universitetspedagogik HYMY-908 1-10 op

Optional studies in career development DONAS-197 1-9 op

Optional courses: Career planning and development Health-113 1-5 op

Optional studies in management and career skills YEB-399 1-8 op

Optional studies in management skills DONAS-196 1-9 op

Optional courses: Management and Entrepreneurship Health-111 1-5 op

Optional studies in university pedagogigs DONAS-198 1-9 op

Optional studies in university pedagogy YEB-299 1-6 op

Optional courses: Basic research tools and skills Health-120 1-5 op

SV: Muut urasuunnittelun ja työskentelytaitojen opinnot HYMY-915 1-10 op
Muut yliopistopedagogiset opinnot/Other Studies in University Pedagogy/Andra studier i universitetspedagogik HYMY-908 1-10 op

Optional studies in career development DONAS-197 1-9 op

Optional courses: Career planning and development Health-113 1-5 op

Optional studies in management and career skills YEB-399 1-8 op

Optional studies in management skills DONAS-196 1-9 op

Optional courses: Management and Entrepreneurship Health-111 1-5 op

Optional studies in university pedagogigs DONAS-198 1-9 op

Optional studies in university pedagogy YEB-299 1-6 op

Optional courses: Basic research tools and skills Health-120 1-5 op

PHD-352

Andra studier i arbetslivskunskaper 2

EN: Muut urasuunnittelun ja työskentelytaitojen opinnot HYMY-915 1-10 op
Muut yliopistopedagogiset opinnot/Other Studies in University Pedagogy/Andra studier i universitetspedagogik HYMY-908 1-10 op

Optional studies in career development DONAS-197 1-9 op

Optional courses: Career planning and development Health-113 1-5 op

Optional studies in management and career skills YEB-399 1-8 op

Optional studies in management skills DONAS-196 1-9 op

Optional courses: Management and Entrepreneurship Health-111 1-5 op

Optional studies in university pedagogigs DONAS-198 1-9 op

Optional studies in university pedagogy YEB-299 1-6 op

Optional courses: Basic research tools and skills Health-120 1-5 op

PHD-352

Optional studies in professional development 2

Learning outcomes

FI: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development.

SV: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development.

EN: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development. The studies may be on the fields of one or more of the following themes:
Career development (max 1-2 ECTS):

- different career opportunities for doctorate holders
- job opportunities outside of the academia
- where to find a job, how to apply and how to prepare for the interview
- what are the expectations of the employers

University pedagogy (max 1-2 ECTS)

Management (max 1-2 ECTS)

Entrepreneurship (max 1-2 ECTS)

Archival or field work (max 1-2 ECTS)

Basic research tools and skills, e.g. statistics, programming etc (max 1-2 ECTS)

SV: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development. The studies may be on the fields of one or more of the following themes:
Career development (max 1-2 ECTS):

- different career opportunities for doctorate holders
- job opportunities outside of the academia
- where to find a job, how to apply and how to prepare for the interview
- what are the expectations of the employers

University pedagogy (max 1-2 ECTS)

Management (max 1-2 ECTS)

Entrepreneurship (max 1-2 ECTS)

Archival or field work (max 1-2 ECTS)

Basic research tools and skills, e.g. statistics, programming etc (max 1-2 ECTS)

EN: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development. The studies may be on the fields of one or more of the following themes:
Career development (max 1-2 ECTS):

- different career opportunities for doctorate holders
- job opportunities outside of the academia
- where to find a job, how to apply and how to prepare for the interview
- what are the expectations of the employers

University pedagogy (max 1-2 ECTS)

Management (max 1-2 ECTS)

Entrepreneurship (max 1-2 ECTS)

Archival or field work (max 1-2 ECTS)

Basic research tools and skills, e.g. statistics, programming etc (max 1-2 ECTS)

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-353 Optional studies in professional development 3

PHD-353 Muita työelämätaitojen opintoja 3

PHD-353 Andra studier i arbetslivskunskaper 3

Abbreviation: Muita työelämätaitojen opintoja 3

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-908 Other Studies in University Pedagogy

Health-113 Optional courses: Career planning and development

DONAS-197 Optional studies in career development

YEB-299 Optional studies in university pedagogy

Health-111 Optional courses: Management and Entrepreneurship

Health-120 Optional courses: Basic research tools and skills

DONAS-196 Optional studies in management skills

HYMY-915 Other Studies in Career Planning and Worklife Skills

YEB-399 Optional studies in management and career skills

DONAS-198 Optional studies in university pedagogy

Equivalences (free text field)

FI: Muut urasuunnittelun ja työskentelytaitojen opinnot HYMY-915 1-10 op
Muut yliopistopedagogiset opinnot/Other Studies in University Pedagogy/Andra studier i universitetspedagogik HYMY-908 1-10 op

Optional studies in career development DONAS-197 1-9 op

Optional courses: Career planning and development Health-113 1-5 op

Optional studies in management and career skills YEB-399 1-8 op

Optional studies in management skills DONAS-196 1-9 op

Optional courses: Management and Entrepreneurship Health-111 1-5 op

Optional studies in university pedagogigs DONAS-198 1-9 op

Optional studies in university pedagogy YEB-299 1-6 op

Optional courses: Basic research tools and skills Health-120 1-5 op

SV: Muut urasuunnittelun ja työskentelytaitojen opinnot HYMY-915 1-10 op
Muut yliopistopedagogiset opinnot/Other Studies in University Pedagogy/Andra studier i universitetspedagogik HYMY-908 1-10 op

Optional studies in career development DONAS-197 1-9 op

Optional courses: Career planning and development Health-113 1-5 op

Optional studies in management and career skills YEB-399 1-8 op

Optional studies in management skills DONAS-196 1-9 op

Optional courses: Management and Entrepreneurship Health-111 1-5 op

Optional studies in university pedagogigs DONAS-198 1-9 op

Optional studies in university pedagogy YEB-299 1-6 op

Optional courses: Basic research tools and skills Health-120 1-5 op

PHD-353

Andra studier i arbetslivskunskaper 3

EN: Muut urasuunnittelun ja työskentelytaitojen opinnot HYMY-915 1-10 op
Muut yliopistopedagogiset opinnot/Other Studies in University Pedagogy/Andra studier i universitetspedagogik HYMY-908 1-10 op

Optional studies in career development DONAS-197 1-9 op

Optional courses: Career planning and development Health-113 1-5 op

Optional studies in management and career skills YEB-399 1-8 op

Optional studies in management skills DONAS-196 1-9 op

Optional courses: Management and Entrepreneurship Health-111 1-5 op

Optional studies in university pedagogigs DONAS-198 1-9 op

Optional studies in university pedagogy YEB-299 1-6 op

Optional courses: Basic research tools and skills Health-120 1-5 op

PHD-353

Optional studies in professional development 3

Learning outcomes

FI: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development.

SV: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development.

EN: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development. The studies may be on the fields of one or more of the following themes:
Career development (max 1-2 ECTS):

- different career opportunities for doctorate holders
- job opportunities outside of the academia
- where to find a job, how to apply and how to prepare for the interview
- what are the expectations of the employers

University pedagogy (max 1-2 ECTS)

Management (max 1-2 ECTS)

Entrepreneurship (max 1-2 ECTS)

Archival or field work (max 1-2 ECTS)

Basic research tools and skills, e.g. statistics, programming etc (max 1-2 ECTS)

SV: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development. The studies may be on the fields of one or more of the following themes:
Career development (max 1-2 ECTS):

- different career opportunities for doctorate holders
- job opportunities outside of the academia
- where to find a job, how to apply and how to prepare for the interview
- what are the expectations of the employers

University pedagogy (max 1-2 ECTS)

Management (max 1-2 ECTS)

Entrepreneurship (max 1-2 ECTS)

Archival or field work (max 1-2 ECTS)

Basic research tools and skills, e.g. statistics, programming etc (max 1-2 ECTS)

EN: Optional courses, other studies or independent work that promote the skills and knowledge on working life skills and/or career development. The studies may be on the fields of one or more of the following themes:
Career development (max 1-2 ECTS):

- different career opportunities for doctorate holders
- job opportunities outside of the academia
- where to find a job, how to apply and how to prepare for the interview
- what are the expectations of the employers

University pedagogy (max 1-2 ECTS)

Management (max 1-2 ECTS)

Entrepreneurship (max 1-2 ECTS)

Archival or field work (max 1-2 ECTS)

Basic research tools and skills, e.g. statistics, programming etc (max 1-2 ECTS)

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-404 Industrial property rights

PHD-404 Industrial property rights
PHD-404 Industrial property rights

Abbreviation: Industrial property rights

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	2 cr
Languages	Finnish, English, Swedish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	Mikko Oivanen, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Agriculture and forestry

Equivalences to other studies

DONAS-110 Industrial property rights

Equivalences (free text field)

FI: Donas-110

SV: Donas-110
PHD-404

Industrial property rights

EN: Donas-110
PHD-404

Industrial property rights

Learning outcomes

FI: On completion of the course, the participants will know such basic issues of Industrial Property Rights as:

- basic principles of Industrial Property Law,
- what is allowed and what is not allowed,
- why, when and how to protect an invention, and
- how to use patent literature and databases.

SV: On completion of the course, the participants will know such basic issues of Industrial Property Rights as:

- basic principles of Industrial Property Law,
- what is allowed and what is not allowed,
- why, when and how to protect an invention, and
- how to use patent literature and databases.

EN: On completion of the course, the participants will know such basic issues of Industrial Property Rights as:

- basic principles of Industrial Property Law,
- what is allowed and what is not allowed,
- why, when and how to protect an invention, and
- how to use patent literature and databases.

Content

FI: Through lectures, the course details to different types of protection (patents, utility models, trade secrets, trademarks).

SV: Through lectures, the course details to different types of protection (patents, utility models, trade secrets, trademarks).

EN: Through lectures, the course details to different types of protection (patents, utility models, trade secrets, trademarks).

Additional information

FI:

Completion methods (general description)

Participation in teaching. Twelve hours of lectures. 80% attendance, homework completion and exam required.

Assessment practices and criteria

Pass / Fail. 80% attendance, homework completion and exam required.

Learning activities and methods

Lectures, homework. practising surveys on patent databases, and exam.

Target groups

The course is primarily for doctoral candidates in doctoral programmes PAPU, CHEMS, Matrena, GeoDoc, DoMaSt, DoCS, ATM-DP. Doctoral candidates from other schools may be accepted if seats are available.

Teaching period when the course will be offered

Every second year in the spring term (2023, 2025).

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching. Twelve hours of lectures. 80% attendance, homework completion and exam required.

Assessment practices and criteria

Pass / Fail. 80% attendance, homework completion and exam required.

Learning activities and methods

Lectures, homework. practising surveys on patent databases, and exam.

Target groups

The course is primarily for doctoral candidates in doctoral programmes PAPU, CHEMS, Matrena, GeoDoc, DoMaSt, DoCS, ATM-DP. Doctoral candidates from other schools may be accepted if seats are available.

Teaching period when the course will be offered

Every second year in the spring term (2023, 2025).

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching. Twelve hours of lectures. 80% attendance, homework completion and exam required.

Assessment practices and criteria

Pass / Fail. 80% attendance, homework completion and exam required.

Learning activities and methods

Lectures, homework. practising surveys on patent databases, and exam.

Target groups

The course is primarily for doctoral candidates in doctoral programmes PAPU, CHEMS, Matrena, GeoDoc, DoMaSt, DoCS, ATM-DP. Doctoral candidates from other schools may be accepted if seats are available.

Teaching period when the course will be offered

Every second year in the spring term (2023, 2025).

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr

PHD-503 Leading a creative expert organisation

PHD-503 Leading a creative expert organisation

PHD-503 Leading a creative expert organisation

Abbreviation: Leading a creative expert organisation

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026

Credits	1-5 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible persons	Mia Vehkaoja, Administrative person Liisa Uotila, Administrative person ⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

PHD-304 Impact Training

YEB-113 Leadership

Equivalences (free text field)

FI: PHD-304 Leading a creative expert organisation / Leading a creative organisation
YEB-113 Leadership

SV: PHD-304 Leading a creative expert organisation / Leading a creative organisation
YEB-113 Leadership
PHD-503

Leading a creative expert organisation

EN: PHD-304 Leading a creative expert organisation / Leading a creative organisation
YEB-113 Leadership
PHD-503

Leading a creative expert organisation

Learning outcomes

FI: The objective of the training is to give the participant tools to understand characteristics of a creative person, creative process, emotions attached to creative work, special characteristics of a creative organization with multiple creative individuals, and finally, the dynamics of supporting creative expert work by leadership.

SV: The objective of the training is to give the participant tools to understand characteristics of a creative person, creative process, emotions attached to creative work, special characteristics of a creative organization with multiple creative individuals, and finally, the dynamics of supporting creative expert work by leadership.

EN: The objective of the training is to give the participant tools to understand characteristics of a creative person, creative process, emotions attached to creative work, special characteristics of a creative organization with multiple creative individuals, and finally, the dynamics of supporting creative expert work by leadership.

Content

FI: Lectures on day 1 will cover the following topics:

- Characteristics of creative work
- Creative working process
- Creative individual
- Emotions in creative work
- Characteristics of a team with multiple creative individuals
- Intrinsic motivation
- Supporting creative work by interaction
- Leadership philosophies
- Coaching leadership
- Creativity-encouraging team culture and atmosphere
- Dynamics of supporting creativity by leadership

The focus of the team projects is on finding practical solutions to challenging work and leadership situations of creative individuals and teams. The aim of the team projects is to practice the facilitation of expert work as leadership-agents and to deepen the understanding of the work of creative experts and teams and of leadership dynamics. The presentations of the team projects take place in the seminars on the days 2, 3 and 4.

SV: Lectures on day 1 will cover the following topics:

- Characteristics of creative work
- Creative working process
- Creative individual
- Emotions in creative work
- Characteristics of a team with multiple creative individuals
- Intrinsic motivation
- Supporting creative work by interaction
- Leadership philosophies
- Coaching leadership
- Creativity-encouraging team culture and atmosphere
- Dynamics of supporting creativity by leadership

The focus of the team projects is on finding practical solutions to challenging work and leadership situations of creative individuals and teams. The aim of the team projects is to practice the facilitation of expert work as leadership-agents and to deepen the understanding of the work of creative experts and teams and of leadership dynamics. The presentations of the team projects take place in the seminars on the days 2, 3 and 4.

EN: Lectures on day 1 will cover the following topics:

- Characteristics of creative work
- Creative working process
- Creative individual
- Emotions in creative work
- Characteristics of a team with multiple creative individuals
- Intrinsic motivation
- Supporting creative work by interaction
- Leadership philosophies
- Coaching leadership

- Creativity-encouraging team culture and atmosphere
- Dynamics of supporting creativity by leadership

The focus of the team projects is on finding practical solutions to challenging work and leadership situations of creative individuals and teams. The aim of the team projects is to practice the facilitation of expert work as leadership-agents and to deepen the understanding of the work of creative experts and teams and of leadership dynamics. The presentations of the team projects take place in the seminars on the days 2, 3 and 4.

Additional information

FI:

Completion methods (general description)

Participation in teaching. This four-day course is a practical hands-on workshop and includes introductions, exercises, workshops, discussions, a team project and seminars. As team projects, the teams will find practical solutions to challenging work and leadership situations.

Assessment practices and criteria

Pass/fail. 80% attendance required.

Target groups

Doctoral researchers.

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching. This four-day course is a practical hands-on workshop and includes introductions, exercises, workshops, discussions, a team project and seminars. As team projects, the teams will find practical solutions to challenging work and leadership situations.

Assessment practices and criteria

Pass/fail. 80% attendance required.

Target groups

Doctoral researchers.

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching. This four-day course is a practical hands-on workshop and includes introductions, exercises, workshops, discussions, a team project and seminars. As team projects, the teams will find practical solutions to challenging work and leadership situations.

Assessment practices and criteria

Pass/fail. 80% attendance required.

Target groups

Doctoral researchers.

Recommended time or stage of studies for completion

Any time during doctoral studies.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr

HEALTH-111 Optional courses: Management and Entrepreneurship

HEALTH-111 Optional courses: Management and Entrepreneurship

HEALTH-111 Optional courses: Management and Entrepreneurship

Abbreviation: Optional courses: Management and Entrepreneurship

Curriculum periods 2023-24, 2024-25, 2025-26

Validity period	since 1 Aug 2023
Credits	1-5 cr
Languages	English, Finnish, Swedish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Medical science

Equivalences (free text field)

SV: Health-111
Optional courses: Management and Entrepreneurship

EN: Health-111
Optional courses: Management and Entrepreneurship

Content

FI: Yleisten valmiustaitojen kokonaisuuteen voidaan sisällyttää johtamiskoulutusta enintään 5 op. Johtamiskoulutus on vaihtoehtoinen yliopistopedagogiikan opintojen kanssa. Niitä voi sisällyttää yhteensä 5 ECTS. Suoritukset eivät ole pakollisia.

Mikäli suorituksia ei ole rekisteröity Sisuun, näistä tulee liittää erilliset todistukset rekisteröintipyyntöön. Opintopistettä voidaan rekisteröidä koodilla Health-111 tai PHD-351. Jos molemmat koodit on jo käytetty ole yhteydessä tohtoriohjelmaasi sopivan rekisteröintikoodin löytämiseksi.

Hae korvaavaa hyväksilukua suoraan Sisussa.

SV: Yleisten valmiustaitojen kokonaisuuteen voidaan sisällyttää johtamiskoulutusta enintään 5 op. Johtamiskoulutus on vaihtoehtoinen yliopistopedagogiikan opintojen kanssa. Niitä voi sisällyttää yhteensä 5 ECTS. Suoritukset eivät ole pakollisia.

Mikäli suorituksia ei ole rekisteröity Sisuun, näistä tulee liittää erilliset todistukset rekisteröintipyyntöön. Opintopistettä voidaan rekisteröidä koodilla Health-111 tai PHD-351. Jos molemmat koodit on jo käytetty ole yhteydessä tohtoriohjelmaasi sopivan rekisteröintikoodin löytämiseksi.

Hae korvaavaa hyväksilukua suoraan Sisussa.

EN: Yleisten valmiustaitojen kokonaisuuteen voidaan sisällyttää johtamiskoulutusta enintään 5 op. Johtamiskoulutus on vaihtoehtoinen yliopistopedagogiikan opintojen kanssa. Niitä voi sisällyttää yhteensä 5 ECTS. Suoritukset eivät ole pakollisia.

Mikäli suorituksia ei ole rekisteröity Sisuun, näistä tulee liittää erilliset todistukset rekisteröintipyyntöön. Opintopistettä voidaan rekisteröidä koodilla Health-111 tai PHD-351. Jos molemmat koodit on jo käytetty ole yhteydessä tohtoriohjelmaasi sopivan rekisteröintikoodin löytämiseksi.

Hae korvaavaa hyväksilukua suoraan Sisussa.

Additional information

FI:

Target groups

Doctoral researchers in health sciences.

Study modules

Yleiset valmiustaidot/Transferable skills

Expiry of studies

https://studies.helsinki.fi/instructions/article/expiry-studies

EQF level

Doctoral/EQF level 8

SV:

Target groups

Doctoral researchers in health sciences.

Study modules

Yleiset valmiustaidot/Transferable skills

Expiry of studies

https://studies.helsinki.fi/instructions/article/expiry-studies

EQF level

Doctoral/EQF level 8

EN:

Target groups

Doctoral researchers in health sciences.

Study modules

Yleiset valmiustaidot/Transferable skills

Expiry of studies

https://studies.helsinki.fi/instructions/article/expiry-studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-5 cr
Independent study		1-5 cr
Method 2		1-5 cr
Participation in teaching		1-5 cr

LIB-900 Information Management for Doctoral Researchers

LIB-900 Väitöskirjatutkijoiden tiedonhallinta
LIB-900 Informationshantering för doktorander

Abbreviation: IMDR

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	since 1 Aug 2023
Credits	1 cr

Languages	English
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	Helsingin yliopiston kirjasto 100%
Responsible persons	Päivi Helminen, Responsible teacher Taina Kettunen, Responsible teacher Maija Paavolainen, Responsible teacher Tiina Heino, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences

Tweet text

FI: This course supports participants in developing their research related information management skills.

Learning outcomes

FI: After completing the course, a student knows the basic concepts of the following topics:

- Open Science
- Information Seeking
- Reference Management
- Research Visibility
- Research Impact
- Open Access Publishing
- TUHAT Research Information System
- Research Data Management

Additional information

FI:

Target group

Doctoral researchers especially at the beginning of their studies.

Timing

There are three courses for different fields of science: 1) Health sciences, 2) Humanities and social sciences, and 3) Life and natural sciences. Health sciences course is organized a couple of times every semester. Humanities and social sciences course is organized every Autumn and Spring semester. Life and natural sciences course is organized every Spring semester.

Completion methods

There are materials, discussions, and compulsory assignments in the closed Moodle course area. Webinar sessions are voluntary in courses 2) and 3).

Completion method and assessment items	Recurrence	Credits
Method 1		1 cr
Participation in teaching		1 cr

PHD-301 Open Science

PHD-301 Avoin tiede

PHD-301 Öppen forskning

Abbreviation: Avoin tiede verkkokurssi

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1 cr
Languages	English, Finnish, Swedish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	Simo Kyllönen, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Natural sciences

Equivalences to other studies

DONAS-114 Open Science

or

YEB-119 Open Science

or

Health-118 Open science online course

or

HYMY-909 Open Science

Equivalences (free text field)

FI: *Please note that this is the same course that has earlier been organized under codes DONAS-114, HYMY-909, YEB-119 and Health-118.*

SV: *Please note that this is the same course that has earlier been organized under codes DONAS-114, HYMY-909, YEB-119 and Health-118.*

PHD-301

Öppen forskning nätkurs

EN: *Please note that this is the same course that has earlier been organized under codes DONAS-114, HYMY-909, YEB-119 and Health-118.*

PHD-301

Open Science Online Course

Learning outcomes

FI: This is an online introductory course into the practices of Open Science. During the course doctoral candidates will be familiarised with:

- What is Open Science?
- Why there are increasing demands of the practices of Open Science?
- How an individual researcher can promote Open Access:
- in research planning
- in conducting the research
- in publishing
- What are the existing Open Access services and tools for researchers
- What are the challenges with Open Science?
- How is Open Science related to Research Ethics?

After the course, doctoral candidates:

- know the ways of applying practices of Open Science in their own research
- know the central aims, tools and guidelines of Open Science
- acknowledge the challenges with Open Science
- acknowledge the research ethical requirements of applying the practices of Open Science
- know the existing services and tools provided by University of Helsinki and Helsinki University Library

Please note that this is the same course that has earlier been organized under codes DONAS-114, HYMY-909, YEB-119 and Health-118. If you have completed one of these courses, you don't have to take this course.

Also, please note that this is a completely different course than PHD-302 Introduction to Open Data Science.

SV: This is an online introductory course into the practices of Open Science. During the course doctoral candidates will be familiarised with:

- What is Open Science?
- Why there are increasing demands of the practices of Open Science?
- How an individual researcher can promote Open Access:
- in research planning
- in conducting the research
- in publishing
- What are the existing Open Access services and tools for researchers
- What are the challenges with Open Science?
- How is Open Science related to Research Ethics?

After the course, doctoral candidates:

- know the ways of applying practices of Open Science in their own research
- know the central aims, tools and guidelines of Open Science
- acknowledge the challenges with Open Science
- acknowledge the research ethical requirements of applying the practices of Open Science
- know the existing services and tools provided by University of Helsinki and Helsinki University Library

Please note that this is the same course that has earlier been organized under codes DONAS-114, HYMY-909, YEB-119 and Health-118. If you have completed one of these courses, you don't have to take this course.

Also, please note that this is a completely different course than PHD-302 Introduction to Open Data Science.

EN: This is an online introductory course into the practices of Open Science. During the course doctoral candidates will be familiarised with:

- What is Open Science?
- Why there are increasing demands of the practices of Open Science?
- How an individual researcher can promote Open Access:

- in research planning
- in conducting the research
- in publishing
- What are the existing Open Access services and tools for researchers
- What are the challenges with Open Science?
- How is Open Science related to Research Ethics?

After the course, doctoral candidates:

- know the ways of applying practices of Open Science in their own research
- know the central aims, tools and guidelines of Open Science
- acknowledge the challenges with Open Science
- acknowledge the research ethical requirements of applying the practices of Open Science
- know the existing services and tools provided by University of Helsinki and Helsinki University Library

Please note that this is the same course that has earlier been organized under codes DONAS-114, HYMY-909, YEB-119 and Health-118. If you have completed one of these courses, you don't have to take this course.

Also, please note that this is a completely different course than PHD-302 Introduction to Open Data Science.

Additional information

FI:

Completion methods (general description)

Participation in teaching.

The course is based on material available on the course platform. Course participants must complete four assignments by given deadlines:

- open science issues and challenges in one's own research (an essay of 1-2 pages)
- peer review (written comments and reflections on given challenges)
- discussion board group activity on open science issues
- creating a Handbook in the Moodle platform

Quizzes associated with above assignment topics are compulsory.

Assessment practices and criteria

Pass/fail

Learning activities and methods

The course will be taught online. Most of the course is self-directed and allows for great flexibility with when and where it is done but the assessments have strict deadlines.

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

The course is based on material available on the course platform. Course participants must complete four assignments by given deadlines:

- open science issues and challenges in one's own research (an essay of 1-2 pages)
- peer review (written comments and reflections on given challenges)
- discussion board group activity on open science issues
- creating a Handbook in the Moodle platform

Quizzes associated with above assignment topics are compulsory.

Assessment practices and criteria

Pass/fail

Learning activities and methods

The course will be taught online. Most of the course is self-directed and allows for great flexibility with when and where it is done but the assessments have strict deadlines.

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

The course is based on material available on the course platform. Course participants must complete four assignments by given deadlines:

- open science issues and challenges in one's own research (an essay of 1-2 pages)

- peer review (written comments and reflections on given challenges)
- discussion board group activity on open science issues
- creating a Handbook in the Moodle platform

Quizzes associated with above assignment topics are compulsory.

Assessment practices and criteria

Pass/fail

Learning activities and methods

The course will be taught online. Most of the course is self-directed and allows for great flexibility with when and where it is done but the assessments have strict deadlines.

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Any time during doctoral studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1 cr
Participation in teaching		1 cr
Method 2		1 cr
Independent study		1 cr
Method 3		1 cr
Exam		1 cr

PHD-302 Introduction to Open Data Science

PHD-302 Introduction to Open Data Science

PHD-302 Introduction to Open Data Science

Abbreviation: Introduction to Open Data Science

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	5 cr
Languages	English, Finnish, Swedish
Grading scale	General scale, 0-5

University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	Kimmo Vehkalahti, Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs)

Prerequisites

FI:

Prerequisites (free text)

Laptop computer (Mac / Windows / Linux), where you can download and install the required software tools needed throughout the course from the very beginning. All software tools that we use are freely available.

Basic knowledge of introductory statistics (e.g., concepts of simple linear regression).

Basic skills of the R statistical programming language (as this is NOT an introductory R course). See, e.g., "R Short and Sweet" on DataCamp: https://learn.datacamp.com/courses/r-short-and-sweet

SV:

Prerequisites (free text)

Laptop computer (Mac / Windows / Linux), where you can download and install the required software tools needed throughout the course from the very beginning. All software tools that we use are freely available.

Basic knowledge of introductory statistics (e.g., concepts of simple linear regression).

Basic skills of the R statistical programming language (as this is NOT an introductory R course). See, e.g., "R Short and Sweet" on DataCamp: https://learn.datacamp.com/courses/r-short-and-sweet

EN:

Prerequisites (free text)

Laptop computer (Mac / Windows / Linux), where you can download and install the required software tools needed throughout the course from the very beginning. All software tools that we use are freely available.

Basic knowledge of introductory statistics (e.g., concepts of simple linear regression).

Basic skills of the R statistical programming language (as this is NOT an introductory R course). See, e.g., "R Short and Sweet" on DataCamp: https://learn.datacamp.com/courses/r-short-and-sweet

Equivalences (free text field)

SV: PHD-302
Introduction to Open Data Science

EN: PHD-302
Introduction to Open Data Science

Learning outcomes

FI: After completing this course, the student will have good skills of wrangling, visualizing, and analysing open data sets with basic and advanced statistical methods using open software tools R and RStudio as well as authoring reproducible scientific reports with R Markdown and sharing and managing them openly on GitHub.

SV: After completing this course, the student will have good skills of wrangling, visualizing, and analysing open data sets with basic and advanced statistical methods using open software tools R and RStudio as well as authoring reproducible scientific reports with R Markdown and sharing and managing them openly on GitHub.

EN: After completing this course, the student will have good skills of wrangling, visualizing, and analysing open data sets with basic and advanced statistical methods using open software tools R and RStudio as well as authoring reproducible scientific reports with R Markdown and sharing and managing them openly on GitHub.

Content

FI:

1. Tools and methods for open and reproducible research:
   R, RStudio, R Markdown, GitHub
2. Regression and model validation:
   Data wrangling,
   Simple regression,
   Multiple regression,
   Regression diagnostics
3. Logistic regression:
   Regression for binary outcomes,
   Training and testing a (predictive) model,
   Cross-validation
4. Clustering and classification:
   Datasets in R,
   Discriminant analysis,
   K-means clustering
5. Dimensionality reduction techniques:
   Principal component analysis,
   Multiple correspondence analysis

Analysis of longitudinal data:
Graphical displays and summary measures,
Linear mixed effects models

SV:

1. Tools and methods for open and reproducible research:
   R, RStudio, R Markdown, GitHub
2. Regression and model validation:
   Data wrangling,
   Simple regression,
   Multiple regression,
   Regression diagnostics
3. Logistic regression:

Regression for binary outcomes,
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Analysis of longitudinal data:
Graphical displays and summary measures,
Linear mixed effects models

EN:

1. Tools and methods for open and reproducible research:
R, RStudio, R Markdown, GitHub
2. Regression and model validation:
Data wrangling,
Simple regression,
Multiple regression,
Regression diagnostics
3. Logistic regression:
Regression for binary outcomes,
Training and testing a (predictive) model,
Cross-validation
4. Clustering and classification:
Datasets in R,
Discriminant analysis,
K-means clustering
5. Dimensionality reduction techniques:
Principal component analysis,
Multiple correspondence analysis

Analysis of longitudinal data:
Graphical displays and summary measures,
Linear mixed effects models

Additional information

FI:

Completion methods (general description)

Participation in teaching.

Strict weekly schedule. Brief lectures, workshops (guided working with computer exercises), and peer-reviews of the weekly reports. All teaching online (in Zoom), except two voluntary IT clinics in the beginning (for solving possible installation problems etc.). No exam.

Assessment practices and criteria

Weekly peer-reviews of the reports (every student reviews three reports every week for six weeks) according to simple instructions, giving points to other students. Reports must also include free-form text of interpretations of the analyses, in addition to the R code and the textual and graphical outputs. Teaching assistants check evaluations weekly and may do some corrections in the points. The grade is based on the total points, and decided by the teacher. Missing the weekly deadline of the submission or peer-review will lead in a loss of points.

Learning activities and methods

Weekly online workshop (in Zoom, using breakout rooms), where teacher and teaching assistants give advice for the analyses according to students' needs.

Target groups

Main target group: Doctoral students in any doctoral programmes. Also suitable for Master students and Master level Exchange students, if prerequisites fulfilled.

Teaching period when the course will be offered

Every autumn on teaching period 2.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching.

Strict weekly schedule. Brief lectures, workshops (guided working with computer exercises), and peer-reviews of the weekly reports. All teaching online (in Zoom), except two voluntary IT clinics in the beginning (for solving possible installation problems etc.). No exam.

Assessment practices and criteria

Weekly peer-reviews of the reports (every student reviews three reports every week for six weeks) according to simple instructions, giving points to other students. Reports must also include free-form text of interpretations of the analyses, in addition to the R code and the textual and graphical outputs. Teaching assistants check evaluations weekly and may do some corrections in the points. The grade is based on the total points, and decided by the teacher. Missing the weekly deadline of the submission or peer-review will lead in a loss of points.

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Teaching period when the course will be offered

Every autumn on teaching period 2.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching.

Strict weekly schedule. Brief lectures, workshops (guided working with computer exercises), and peer-reviews of the weekly reports. All teaching online (in Zoom), except two voluntary IT clinics in the beginning (for solving possible installation problems etc.). No exam.

Assessment practices and criteria

Weekly peer-reviews of the reports (every student reviews three reports every week for six weeks) according to simple instructions, giving points to other students. Reports must also include free-form text of interpretations of the analyses, in addition to the R code and the textual and graphical outputs. Teaching assistants check evaluations weekly and may do some corrections in the points. The grade is based on the total points, and decided by the teacher. Missing the weekly deadline of the submission or peer-review will lead in a loss of points.

Learning activities and methods

Weekly online workshop (in Zoom, using breakout rooms), where teacher and teaching assistants give advice for the analyses according to students' needs.

Target groups

Main target group: Doctoral students in any doctoral programmes. Also suitable for Master students and Master level Exchange students, if prerequisites fulfilled.

Teaching period when the course will be offered

Every autumn on teaching period 2.

Study modules

Transferable skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Study materials

FI: All literature and other learning materials will be openly available on the course platform (Moodle).

SV: All literature and other learning materials will be openly available on the course platform (Moodle).

EN: All literature and other learning materials will be openly available on the course platform (Moodle).

Completion method and assessment items	Recurrence	Credits
Method 1		5 cr
Participation in teaching		5 cr
Method 2		5 cr
Participation in teaching		5 cr

PHD-405 Doctoral Education Base Camp

PHD-405 Doctoral Education Base Camp
PHD-405 Doctoral Education Base Camp

Abbreviation: Doctoral Education Base Camp

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	3 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences (free text field)

SV: PHD-405
Doctoral Education Base Camp

EN: PHD-405
Doctoral Education Base Camp

Learning outcomes

FI: Doctoral Education Base camp is a novel approach for multidisciplinary doctoral training that responds to the varied demands need of solutions for grand challenges. Base Camp supports researcher development with a new set of skills necessary for driving sustainable innovation and societal well-being in the digital age, bringing together a group of selected candidates across disciplines. Each Base Camp is designed thematically but the objective is to bring together doctoral researchers from a wide range of different disciplines and research areas to support interdisciplinary interaction and team building.

SV: Doctoral Education Base camp is a novel approach for multidisciplinary doctoral training that responds to the varied demands need of solutions for grand challenges. Base Camp supports researcher development with a new set of skills necessary for driving sustainable innovation and societal well-being in the digital age, bringing together a group of selected candidates across disciplines. Each Base Camp is designed thematically but the objective is to bring together doctoral researchers from a wide range of different disciplines and research areas to support interdisciplinary interaction and team building.

EN: Doctoral Education Base camp is a novel approach for multidisciplinary doctoral training that responds to the varied demands need of solutions for grand challenges. Base Camp supports researcher development with a new set of skills necessary for driving sustainable innovation and societal well-being in the digital age, bringing together a group of selected candidates across disciplines. Each Base Camp is designed thematically but the objective is to bring together doctoral researchers from a wide range of different disciplines and research areas to support interdisciplinary interaction and team building.

Content

FI: Pre-Base Camp meeting and assigned reading
Three day Base Camp event outside the campus

Base Camp reunion

SV: Pre-Base Camp meeting and assigned reading
Three day Base Camp event outside the campus

Base Camp reunion

EN: Pre-Base Camp meeting and assigned reading
Three day Base Camp event outside the campus

Base Camp reunion

Additional information

FI:

Completion methods (general description)

Participation in teaching. 100% attendance required in the Base Camp event.

Target groups

Doctoral researchers.

Teaching period when the course will be offered

During teaching periods.

Recommended time or stage of studies for completion

Depending on the theme of the Base camp.

Study modules
Transferable Skills.
Expiry of studies
Expiry of studies

Languages of instruction
English

EQF level
Doctoral/EQF level 8

SV:

Completion methods (general description)
Participation in teaching. 100% attendance required in the Base Camp event.

Target groups
Doctoral researchers.

Teaching period when the course will be offered
During teaching periods.

Recommended time or stage of studies for completion
Depending on the theme of the Base camp.

Study modules
Transferable Skills.
Expiry of studies
Expiry of studies

Languages of instruction
English

EQF level
Doctoral/EQF level 8

EN:

Completion methods (general description)
Participation in teaching. 100% attendance required in the Base Camp event.

Target groups
Doctoral researchers.

Teaching period when the course will be offered

During teaching periods.

Recommended time or stage of studies for completion

Depending on the theme of the Base camp.

Study modules

Transferable Skills.

Expiry of studies

Expiry of studies

Languages of instruction

English

EQF level

Doctoral/EQF level 8

Study materials

FI: Pre-tasks are assigned.

SV: Pre-tasks are assigned.

EN: Pre-tasks are assigned.

Completion method and assessment items	Recurrence	Credits
Method 1		3 cr
Participation in teaching		3 cr

PHD-406 Responsible Research and Innovation (RRI)

PHD-406 Vastuullisen tutkijan taidot

PHD-406 Vastuullisen tutkijan taidot

Abbreviation: Vastuullisen tutkijan taidot

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies

Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences (free text field)

SV: PHD-406
Vastuullisen tutkijan taidot

EN: PHD-406
Responsible Research and Innovation (RRI)

Learning outcomes

FI: Koulutuksen päätyttyä väitöskirjatutkija

- ymmärtää tutkijan vastuut ja velvollisuudet vastuullisen tieteen toteuttamisessa
- osaa tunnistaa tutkimuseettisiä kysymyksiä ja periaatteita omassa tutkimussuunnitelmassaan
- ymmärtää tutkimuksen eettisen ennakkoarvioinnin periaatteet sekä tuntee arviontiprosessin Helsingin yliopistossa
- ymmärtää hyvän tieteellisen käytännön keskeiset periaatteet ja tuntee htk-loukkausten käsittelyprosessin Helsingin yliopistossa
- tuntee tutkimusaineistojen hallinnan keskeiset kysymykset
- on perehtynyt aineistonhallintasuunnitelman laatimiseen
- ymmärtää tutkimuksen tietosuojaan ja tietoturvaan liittyvät periaatteet ja tuntee tietosuojalainsäädännön vaatimat menettelyt henkilötietojen käsittelyssä
- löytää Helsingin yliopiston vastuullista tiedettä tukevat linjaukset, palvelut ja ohjeistukset
- ymmärtää vastuullisuuden merkityksen laadukkaan tutkimuksen, tieteen luotettavuuden ja vaikuttavuuden edellytyksenä

SV: Koulutuksen päätyttyä väitöskirjatutkija

- ymmärtää tutkijan vastuut ja velvollisuudet vastuullisen tieteen toteuttamisessa
- osaa tunnistaa tutkimuseettisiä kysymyksiä ja periaatteita omassa tutkimussuunnitelmassaan
- ymmärtää tutkimuksen eettisen ennakkoarvioinnin periaatteet sekä tuntee arviontiprosessin Helsingin yliopistossa
- ymmärtää hyvän tieteellisen käytännön keskeiset periaatteet ja tuntee htk-loukkausten käsittelyprosessin Helsingin yliopistossa
- tuntee tutkimusaineistojen hallinnan keskeiset kysymykset
- on perehtynyt aineistonhallintasuunnitelman laatimiseen
- ymmärtää tutkimuksen tietosuojaan ja tietoturvaan liittyvät periaatteet ja tuntee tietosuojalainsäädännön vaatimat menettelyt henkilötietojen käsittelyssä
- löytää Helsingin yliopiston vastuullista tiedettä tukevat linjaukset, palvelut ja ohjeistukset
- ymmärtää vastuullisuuden merkityksen laadukkaan tutkimuksen, tieteen luotettavuuden ja vaikuttavuuden edellytyksenä

EN: Koulutuksen päätyttyä väitöskirjatutkija

- ymmärtää tutkijan vastuut ja velvollisuudet vastuullisen tieteen toteuttamisessa
- osaa tunnistaa tutkimuseettisiä kysymyksiä ja periaatteita omassa tutkimussuunnitelmassaan
- ymmärtää tutkimuksen eettisen ennakkoarvioinnin periaatteet sekä tuntee arviointiprosessin Helsingin yliopistossa
- ymmärtää hyvän tieteellisen käytännön keskeiset periaatteet ja tuntee htk-loukkausten käsittelyprosessin Helsingin yliopistossa
- tuntee tutkimusaineistojen hallinnan keskeiset kysymykset
- on perehtynyt aineistonhallintasuunnitelman laatimiseen
- ymmärtää tutkimuksen tietosuojaan ja tietoturvaan liittyvät periaatteet ja tuntee tietosuojalainsäädännön vaatimat menettelyt henkilötietojen käsittelyssä
- löytää Helsingin yliopiston vastuullista tiedettä tukevat linjaukset, palvelut ja ohjeistukset
- ymmärtää vastuullisuuden merkityksen laadukkaan tutkimuksen, tieteen luotettavuuden ja vaikuttavuuden edellytyksenä

Additional information

FI:

Completion methods (general description)

Kurssi (itseopiskelu)

Target groups

Väitöskirjatutkijat

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Kurssi (itseopiskelu)

Target groups

Väitöskirjatutkijat

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Kurssi (itseopiskelu)

Target groups

Väitöskirjatutkijat

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1 cr
Participation in teaching		1 cr
Method 2		1 cr
Independent study		1 cr

PHD-451 Optional studies in responsible research 1

PHD-451 Muita vastuullisen tutkijan taitojen opintoja 1
PHD-451 Andra studier i ansvarsfull forskning 1

Abbreviation: Muita vastuullisen tutkijan taitojen opintoja 1

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies

Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-911 Other Studies in Research Leadership and Science in Society

Health-117 Optional courses: Legislation

Equivalences (free text field)

FI: Muut tutkimusjohtaminen ja tiede yhteiskunnassa -opinnot HYMY-911 1-10 op
Optional courses: Legislation Health-117 1-5 op

SV: Muut tutkimusjohtaminen ja tiede yhteiskunnassa -opinnot HYMY-911 1-10 op
Optional courses: Legislation Health-117 1-5 op
PHD-451

Andra studier i ansvarsfull forskning 1

EN: Muut tutkimusjohtaminen ja tiede yhteiskunnassa -opinnot HYMY-911 1-10 op
Optional courses: Legislation Health-117 1-5 op
PHD-451

Optional studies in responsible research 1

Learning outcomes

FI: Optional courses or other studies that promote the skills and knowledge in the field of responsible research.

SV: Optional courses or other studies that promote the skills and knowledge in the field of responsible research.

EN: Optional courses or other studies that promote the skills and knowledge in the field of responsible research.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Legislation
- Research ethics
- Open science
- Responsible research and innovation

SV: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Legislation
- Research ethics
- Open science
- Responsible research and innovation

EN: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Legislation
- Research ethics
- Open science
- Responsible research and innovation

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies.

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.

- To register credits, please refer to Instructions for students → assessment of other studies.

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies.

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr

Method 2 1-10 cr
Participation in teaching 1-10 cr

PHD-452 Optional studies in responsible research 2

PHD-452 Muita vastuullisen tutkijan taitojen opintoja 2
PHD-452 Andra studier i ansvarsfull forskning 2

Abbreviation: Muita vastuullisen tutkijan taitojen opintoja 2

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies
Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-911 Other Studies in Research Leadership and Science in Society

Health-117 Optional courses: Legislation

Equivalences (free text field)

FI: Muut tutkimusjohtaminen ja tiede yhteiskunnassa -opinnot HYMY-911 1-10 op
Optional courses: Legislation Health-117 1-5 op

SV: Muut tutkimusjohtaminen ja tiede yhteiskunnassa -opinnot HYMY-911 1-10 op
Optional courses: Legislation Health-117 1-5 op

PHD-452

Andra studier i ansvarsfull forskning 2

EN: Muut tutkimusjohtaminen ja tiede yhteiskunnassa -opinnot HYMY-911 1-10 op
Optional courses: Legislation Health-117 1-5 op

PHD-452

Optional studies in responsible research 2

Learning outcomes

FI: Optional courses or other studies that promote the skills and knowledge in the field of responsible research.

SV: Optional courses or other studies that promote the skills and knowledge in the field of responsible research.

EN: Optional courses or other studies that promote the skills and knowledge in the field of responsible research.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Legislation
- Research ethics
- Open science
- Responsible research and innovation

SV: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Legislation
- Research ethics
- Open science
- Responsible research and innovation

EN: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Legislation
- Research ethics
- Open science
- Responsible research and innovation

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies.

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies.

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies.

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

PHD-453 Optional studies in responsible research 3

PHD-453 Muita vastuullisen tutkijan taitojen opintoja 3

PHD-453 Andra studier i ansvarsfull forskning 3

Abbreviation: Muita vastuullisen tutkijan taitojen opintoja 3

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	1 Aug 2023-31 Jul 2026
Credits	1-10 cr
Languages	English, Swedish, Finnish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	University of Helsinki Doctoral School 100%
Coordinating organisation	University of Helsinki Doctoral School 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Postgraduate studies

Study field	Fields of education (Ministry of Education and Culture), Humanities Fields of education (Ministry of Education and Culture), Education Fields of education (Ministry of Education and Culture), Business, administration and law Fields of education (Ministry of Education and Culture), Natural sciences Fields of education (Ministry of Education and Culture), Medical science Fields of education (Ministry of Education and Culture), Agriculture and forestry Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs) Fields of education (Ministry of Education and Culture), Social sciences

Equivalences to other studies

HYMY-911 Other Studies in Research Leadership and Science in Society

Health-117 Optional courses: Legislation

Equivalences (free text field)

FI: Muut tutkimusjohtaminen ja tiede yhteiskunnassa -opinnot HYMY-911 1-10 op
Optional courses: Legislation Health-117 1-5 op

SV: Muut tutkimusjohtaminen ja tiede yhteiskunnassa -opinnot HYMY-911 1-10 op
Optional courses: Legislation Health-117 1-5 op

PHD-453

Andra studier i ansvarsfull forskning 3

EN: Muut tutkimusjohtaminen ja tiede yhteiskunnassa -opinnot HYMY-911 1-10 op
Optional courses: Legislation Health-117 1-5 op

PHD-453

Optional studies in responsible research 3

Learning outcomes

FI: Optional courses or other studies that promote the skills and knowledge in the field of responsible research.

SV: Optional courses or other studies that promote the skills and knowledge in the field of responsible research.

EN: Optional courses or other studies that promote the skills and knowledge in the field of responsible research.

Content

FI: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Legislation
- Research ethics

- Open science
- Responsible research and innovation

SV: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Legislation
- Research ethics
- Open science
- Responsible research and innovation

EN: Optional courses, other studies or independent work that promote the skills and knowledge on one or more of the following themes:

- Legislation
- Research ethics
- Open science
- Responsible research and innovation

Additional information

FI:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

SV:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

EN:

Completion methods (general description)

Participation in teaching, exam, independent study. To register credits, please refer to Instructions for students → assessment of other studies.

Assessment practices and criteria

- Attainments without defined amounts of credits can be transferred into credits, with 27h of work being 1 credit.
- To register credits, please refer to Instructions for students → assessment of other studies

Target groups

Doctoral researchers

Recommended time or stage of studies for completion

Can be completed at any stage of studies

Study modules

Transferable skills

Expiry of studies

Expiry of studies

EQF level

Doctoral/EQF level 8

Completion method and assessment items	Recurrence	Credits
Method 1		1-10 cr
Independent study		1-10 cr
Method 2		1-10 cr
Participation in teaching		1-10 cr

SUST-001 Sustainability course

SUST-001 Kestävyyskurssi

SUST-001 Hållbarhetskurs

Abbreviation: SUST-001

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	since 1 Aug 2023
Credits	3 cr
Languages	English, Finnish, Swedish
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	Faculty of Educational Sciences 100%
Responsible person	⚠ [information missing], Responsible teacher
Study level	Other studies
Study field	Fields of education (Ministry of Education and Culture), Social sciences

Equivalences (free text field)

FI: SUST-001-alkuiset osaamistavoitteiltaan vastaavat koulutusohjelmien tai tiedekuntien omat Kestävyyskurssi (3op) -opintojaksot.
SUST-001B, Kestävyyskurssi, 3 op. SUST-001B koodilla oli opetustarjontaa kevätlukukaudella 2022.

SV: Utbildningsprogrammens eller fakulteternas egna studieavsnitt med namnet Hållbarbetskurs (3 sp) som börjar med SUST-001 och vars kunskapsmål är motsvarande.SUST-001B, Hållbarhetskurs, 3 studiepoäng. Under vårterminen 2022 erbjöds undervisning med koden SUST-001B.

EN: Sustainability Courses (3 cr) that begin with the code SUST-001, have equivalent learning outcomes and are offered by a degree programme or facultySUST-001B, Sustainability Course, 3 cr. Courses with the code SUST-001B were offered in the spring term 2022.

Learning outcomes

FI: Opintojakson suoritettuaan opiskelija...
1. On tutustunut kestävyyskysymysten kompleksisuuteen ja monitieteisyyteen sekä kestävyyden eettisiin ja filosofisiin ulottuvuuksiin.

2. Ymmärtää opintojakson teemoihin liittyviä kestävyyshaasteita, niihin linkittyviä muutoksia, taustalla olevia prosesseja ja ilmiöitä sekä mahdollisia ratkaisukeinoja. Opiskelija on tutustunut teemoihin ja syvällisemmin yhteen kuudesta teemasta, joita ovat a) globaalien luonnonjärjestelmien turvaaminen, b) hyvinvointi ja mahdollisuudet muutokseen, c) kestävä ja oikeudenmukainen talous, d) kestävä ja terveellinen ruokajärjestelmä, e) ilmastonmuutos ja oikeudenmukainen energiasiirtymä, f) kaupunkiseutujen kehitys.

3. On pohtinut omaa rooliansa asiantuntijana, toimijana ja yhteiskunnan jäsenenä kestävyyskysymysten ratkaisemisessa ja on saanut ratkaisuja varten työkaluja.

4. Osaa käsitellä rakentavasti kestävyyskysymyksiä sekä ymmärtää toisten ihmisten näkökulmia.

5. Osaa soveltaa kestävyyteen liittyviä tietoja ja taitoja oman alansa asiantuntijana.

SV: Efter genomfört studieavsnitt...

1. har studenten bekantat sig med hållbarhetsfrågornas komplexitet och mångvetenskaplighet samt hållbarhetens etiska och filosofiska dimensioner.

2. förstår studenten de hållbarhetsutmaningar som anknyter till temana som behandlas under studieavsnittet, de förändringar som anknyter till utmaningarna, de processer och fenomen som ligger bakom dem samt eventuella lösningsmetoder. Studenten har bekantat sig med temana och mer djupgående med ett av följande sex teman: a) globala gemensamma naturresurser, b) människans välbefinnande och möjligheter, c) hållbara och rättvisa ekonomier, d) hållbara livsmedelssystem och hälsosam kost, e) klimatförändringen och rättvisa energiomställningar, f) stadsutveckling och utveckling av stadsnära områden.

3. har studenten reflekterat över sin egen roll som expert, aktör och medlem av samhället när det gäller att lösa hållbarhetsfrågor. Studenten har även fått verktyg att lösa dessa frågor.

4. kan studenten behandla hållbarhetsfrågor på ett konstruktivt sätt och förstå andra människors synpunkter.

5. kan studenten tillämpa kunskaper och färdigheter om hållbarhet som en expert inom sitt eget område.

EN: After completing the course, students will
1. Be acquainted with the complexity and multidisciplinary nature of sustainability issues, and the ethical and philosophical dimensions of sustainability

2. Understand sustainability challenges related to the course themes, related changes, underlying processes and phenomena, and potential solutions. Students will be acquainted with six themes, of which they will have explored one theme in depth. The themes are: a) Global environmental commons, b) Human wellbeing and capabilities, c) Sustainable and just economies, d) Sustainable food systems and healthy nutrition, e) Climate change and just energy transitions, and f) Urban and peri-urban development.

3. Have reflected on their role as specialists, actors and members of society in the solving of sustainability issues and have acquired tools for solutions

4. Be able to address sustainability issues constructively and understand other people's perspectives

5. Be able to apply knowledge and skills related to sustainability as a specialist in their field

Content

FI: Kestävyyskurssi rakentuu moduuleista. Kaksi ensimmäistä moduulia ovat kaikille opintojakson opiskelijoille yhteisiä ja pakollisia.
Moduuli 1: INTRO: Kestävyys käsitteenä, kestävyyskysymysten kompleksisuus ja systeeminen lähestymistapa.

Moduuli 2: RATKAISUT: Kestävyyskysymysten ratkaisukeinot: Opiskelijan rooli kestävyyskysymysten ratkaisijana tulevana asiantuntijana, toimijana ja yhteiskunnan jäsenenä.

Opiskelijat tutustuvat lyhyesti kaikkiin teemamoduuleihin A–F, joista valitsevat yhden, johon syventyvät tarkemmin. Teemamoduulissa perehdytään kyseiseen teemaan liittyviin kestävyyshaasteisiin, havaintoihin käynnissä olevista muutoksista, muutosten taustalla oleviin prosesseihin tai ilmiöihin sekä näiden kestävyyshaasteiden ratkaisukeinoihin.

Teemamoduuleja ovat:

A: Globaalien luonnonjärjestelmien turvaaminen
B: Hyvinvointi ja mahdollisuudet muutokseen
C: Kestävä ja oikeudenmukainen talous
D: Kestävä ja terveellinen ruokajärjestelmä
E: Ilmastonmuutos ja oikeudenmukainen energiasiirtymä
F: Kaupunkiseutujen kehitys

Opintojakson aikana opiskelijat tekevät kestävyyshaasteen ratkaisuun perustuvan lopputehtävän.

SV: Hållbarhetskursen består av moduler. De två första modulerna är gemensamma och obligatoriska för alla studenter som genomför studieavsnittet.
Modul 1: INTRO: Hållbarhet som begrepp, komplexiteten av hållbarhetsfrågor och ett systemiskt angreppssätt.

Modul 2: LÖSNINGAR: Lösningsmetoder för hållbarhetsfrågor: Studentens roll i att lösa hållbarhetsfrågor som blivande expert, aktör och samhällsmedlem.

Studenterna bekantar sig kort med temamodulerna A–F och väljer sedan att fördjupa sig i en av dem. I temamodulen behandlas de hållbarhetsutmaningar som hänför sig till temat i fråga, iakttagelser om pågående förändringar, processer eller fenomen som ligger bakom förändringarna samt sätt att lösa dessa hållbarhetsutmaningar.

Temamodulerna är följande:

A: Globala gemensamma naturresurser
B: Människans välbefinnande och möjligheter
C: Hållbara och rättvisa ekonomier
D: Hållbara livsmedelssystem och hälsosam kost
E: Klimatförändringen och rättvisa energiomställningar
F: Stadsutveckling och utveckling av stadsnära områden

Under studieavsnittet gör studenterna en avslutande uppgift som grundar sig på att lösa en hållbarhetsutmaning.

EN: The Sustainability Course consists of modules. The first two modules are compulsory for all students taking the course.
Module 1: INTRODUCTION: Sustainability as a concept, the complexity of sustainability issues and a systemic approach

Module 2: SOLUTIONS: Solutions to sustainability issues: the role of students in solving sustainability issues as future specialists, actors and members of society

Students will explore all of the thematic modules A–F in brief and will select one of them for further study. The thematic modules examine sustainability challenges associated with the theme, observations of ongoing changes, processes or phenomena underlying the changes, and solutions to these sustainability challenges.

The thematic modules are:

A: Global environmental commons
B: Human wellbeing and capabilities
C: Sustainable and just economies
D: Sustainable food systems and healthy nutrition
E: Climate change and just energy transitions
F: Urban and peri-urban development

During the course, students complete a final assignment based on a solution to a sustainability challenge.

Additional information

FI: Suoritustavat
Opintojakson suoritus koostuu opintojakson moduulien pakollisten tehtävien sekä lopputehtävän suorittamisesta.

Arviointimenetelmät ja -kriteerit

Hyväksytty arvosana koostuu opintojakson moduulien tehtävien ja lopputehtävän hyväksytystä suorittamisesta.

Oppimista tukevat aktiviteetit ja menetelmät

Opintojakson moduulit koostuvat lukemistosta, videoista sekä oppimista tukevista tehtävistä ja aktiviteeteista.

Kohderyhmät

Opintojakso on Helsingin yliopiston tutkinto-opiskelijoille pakollinen tai valinnainen opintojakso koulutusohjelman opetussuunnitelman mukaisesti. Opintojakso on osa jatkuvan oppimisen opintotarjontaa ja se on tarjolla myös vaihto-opiskelijoille ja muille vierailleville opiskelijoille.

Järjestämisajankohta opetusperiodin tarkkuudella

Opintojaksosta järjestetään toteutuksia syys- ja kevätlukukaudella.

Suositeltava suoritusajankohta tai -vaihe

Opintojakso suositellaan suoritettavaksi, kun oman tieteenalan perusopinnot on suoritettu.

Vanhentuminen

Yliopiston linjausten mukaisesti.

Mahdolliset opetuskielet

suomi, ruotsi, englanti

EQF-taso

alempi korkeakoulututkinto / EQF-taso 6

SV: Prestationssätt

Prestationen för studieavsnittet består av obligatoriska uppgifter i studieavsnittets moduler och en avslutande uppgift.

Bedömningsmetoder och bedömningskriterier

Ett godkänt vitsord består av godkänt genomförande av uppgifterna i studieavsnittets moduler och den avslutande uppgiften.

Aktiviteter och metoder som stöder lärandet

Studieavsnittets moduler består av läsmaterial, videor samt uppgifter och aktiviteter som stöder lärandet.

Målgrupper

Studieavsnittet är antingen obligatoriskt eller valfritt för examensstuderande vid Helsingfors universitet beroende på utbildningsprogrammets undervisningsplan. Studieavsnittet ingår i studieutbudet inom kontinuerligt lärande och erbjuds också till utbytesstudenter och andra gäststuderande.

När studieavsnittet ordnas – undervisningsperiod

Studieavsnittet ordnas under höst- och vårterminen.

Rekommenderad tidpunkt eller fas för prestationen

Vi rekommenderar att studieavsnittet genomförs efter grundstudierna inom det egna vetenskapsområdet.

Studiernas giltighetstid

Enligt universitetets riktlinjer.

Alternativa undervisningsspråk

svenska, finska, engelska

EQF-nivå

Lägre högskoleexamen / EQF-nivå 6

EN: Methods of completion
Students complete the course by completing the compulsory module assignments and the final assignment.

Assessment practices and criteria

A passing grade requires completing the module assignments and final assignment acceptably.

Activities and methods in support of learning

The course modules consist of set reading, videos, and assignments and activities in support of learning.

Target groups

The course is compulsory or optional to University of Helsinki degree students, depending on the curriculum of their degree programme. The course is part of the University's continuous learning provision and is also offered to exchange students and other visiting students.

Teaching period when the course will be offered

The course will be organised in the autumn and spring terms.

Recommended time or stage of studies for completion

It is recommended that students complete the course when they have completed basic studies in their own field of study.

Expiry of studies

In accordance with University guidelines

Languages of instruction

Finnish, Swedish, English

EQF-level

First-cycle (bachelor's) degree / EQF level 6

Study materials

FI: Opintojakson moduulit koostuvat sähköisistä opetusmateriaaleista opintojakson verkkoalueella.

SV: Studieavsnittets moduler består av digitalt undervisningsmaterial i studieavsnittets webbmiljö.

EN: The course modules consist of digital teaching material available on the course-specific online area.

Completion method and assessment items	Recurrence	Credits
Method 1		3 cr
Participation in teaching		3 cr
Method 2		3 cr
Independent study		3 cr
Method 3		3 cr
Participation in teaching		3 cr

TKT21018 Elements of AI: Introduction to AI

TKT21018 Elements of AI: Tekoälyn perusteet

TKT21018 Elements of AI: Grunderna i artificiell intelligens

Abbreviation: Elements of AI

Curriculum periods	2023-24, 2024-25, 2025-26
Validity period	since 1 Aug 2023
Credits	2 cr
Languages	Finnish, Swedish, English
Grading scale	Pass-Fail
University	University of Helsinki
Responsible organisation	Bachelor's Programme in Computer Science 100%
Responsible person	Teemu Roos, Responsible teacher
Study level	Intermediate studies
Study field	Fields of education (Ministry of Education and Culture), Information and Communication Technologies (ICTs)

Prerequisites

FI: Ei muodollisia esitietovaatimuksia lukiomatematiikan lisäksi (perusaritmetiikka, murtoluvut)

SV: För kursen krävs inga formella förhandskunskaper utöver gymnasiematematik (grundläggande aritmetik, bråktal). Aritmetik betyder grundläggande matematik; addition, subtraktion, multiplikation och division.

EN: No formal prerequisites beyond high-school mathematics (basic arithmetics with fractions)

Equivalences to other studies

AYTKT21018 Open uni: Elements of AI: Introduction to AI

or

AYTKT21018fi Open uni: Elements of AI

Learning outcomes

FI: Kurssin suorittamisen jälkeen osaat:

- nimetä autonomisuuden ja adaptiivisuuden tekoälyn ominaispiirteiksi
- erottaa toisistaan tieteiskirjallisuuden tekoälyn ja oikean tekoälyn
- kuvailla tekoälyn keskeiset filosofiset kysymykset liittyen Turingin testiin ja kiinalaisen huoneen ajatuskokeeseen
- muotoilla tosielämän ongelmia etsintäongelmina
- muotoilla yksinkertaisia pelejä (kuten ristinolla) pelipuuksi

- soveltaa minimax-periaatetta optimaalisten pelisiirtojen ratkaisemiseen rajoitetun kokoeisessa pelipuussa
- ilmaista todennäköisyysarvoja luonnollisina frekvensseinä
- soveltaa Bayesin kaavaa yksinkertaisissa skenaarioissa
- selittää esiintyvyysharhan ja välttää sen bayesilaisen päättelyn avulla selittää miksi koneoppimista tarvitaan
- erottaa ohjatun ja ohjaamattoman koneoppimisen tilanteet toisistaan
- selittää seuraavan kolmen ohjatun koneoppimisen menetelmän periaatteet: lähimmän naapurin luokitin, lineaariregressio ja logistinen regressio
- selittää, mitä neuroverkot ovat ja mihin tarkoituksiin ne sopivat
- ymmärtää myös neuroverkkojen taustalla olevien menetelmien rajoitukset
- ymmärtää tulevaisuuden ennustamisen vaikeus, jotta voit paremmin arvioida tekoälystä esitettyjen väitteiden uskottavuutta
- tunnistaa joitakin tekoälyn merkittävimpiä yhteiskunnallisia vaikutuksia, kuten algoritmista syrjintää, väärennettyjä sisältöjä, yksityisyydensuojaa ja työelämän murrosta

SV: Efter avslutad kurs kan den studerande

- ange de egenskaper som kännetecknar artificiell intelligens (autonomi och adaptivitet)
- skilja på science fiction-litteratur och äkta artificiell intelligens
- beskriva de filosofiska frågeställningarna inom artificiell intelligens som har att göra med Turingtestet och tankeexperimentet det kinesiska rummet
- formulera problem från verkliga livet som sökproblem
- beskriva enkla spel (t.ex. luffarschack) som spelträd
- tillämpa minimax-principen för att reda ut de optimala dragen i ett avgränsat spelträd
- uttrycka sannolikhetsvärden som naturliga frekvenser
- tillämpa Bayes sats i enkla scenarier
- förklara vilseledande prevalens och undvika den
- med hjälp av bayesiansk slutledning förklara varför maskininlärning behövs
- skilja mellan situationer med övervakad och oövervakad maskininlärning
- förklara följande tre principer inom övervakad maskininlärning: närmaste granne-metoden, linjär regression och logistisk regression
- förklara vad neuronnät är och för vilka ändamål de är lämpliga
- förstå också de begränsningar som finns i neuronnätens underliggande modeller
- förstå svårigheterna i att förutspå framtiden, så att hen bättre kan ta ställning till trovärdigheten i påståenden om artificiell intelligens
- känna igen några av de mest betydelsefulla konsekvenserna artificiell intelligens kan ha i samhället, till exempel algoritmisk diskriminering, förfalskat innehåll, integritetsskydd och förändringar i arbetslivet.

EN: After completing the course, you will be able to:

- Identify autonomy and adaptivity as key concepts of AI
- Distinguish between realistic and unrealistic AI (science fiction vs. real life)
- Express the basic philosophical problems related to AI including the implications of the Turing test and Chinese room thought experiment
- Formulate a real-world problem as a search problem
- Formulate a simple game (such as tic-tac-toe) as a game tree
- Use the minimax principle to find optimal moves in a limited-size game tree
- Express probabilities in terms of natural frequencies
- Apply the Bayes rule to infer risks in simple scenarios
- Explain the base-rate fallacy and avoid it by applying Bayesian reasoning
- Explain why machine learning techniques are used
- Distinguish between unsupervised and supervised machine learning scenarios
- Explain the principles of three supervised classification methods: the nearest neighbor method, linear regression, and logistic regression
- Explain what a neural network is and where they are being successfully used

- Understand the technical methods that underpin neural networks
- Understand the difficulty in predicting the future and be able to better evaluate the claims made about AI
- Identify some of the major societal implications of AI including algorithmic bias, AI-generated content, privacy, and work

Additional information

FI:

Kohderyhmä

Valinnainen opintojakso

- Sopii kaikkien koulutusohjelmien opiskelijoille
- kohderyhmänä erityisesti opiskelijat, jotka ovat suorittaneet vähän tai ei lainkaan tietojenkäsittelyn opintoja
- Opintojakso voidaan tarjota osana jatkuvan oppimisen tarjontaa.

Ajoitus

- tarjolla jatkuvasti
- kurssin voi aloittaa milloin tahansa ja sen voi suorittaa omaan tahtiin
- suositeltu kesto on kuusi viikkoa
- missä vaiheessa tahansa opintoja

Toteutus

- Kurssimateriaali koostuu luettavasta tekstistä ja vuorovaikutteisista elementeistä
- Tehtävät haastavat sinut syventymään materiaaliin ja etsimään tarvittaessa lisää tietoa vastauksien tueksi
- Tehtävät sisältävät monivalintakysymyksiä, numeropohjaisia tehtäviä, kirjallisia tehtäviä.
- Monivalinta- ja numeropohjaisten tehtävien vastaukset tarkastetaan automaattisesti.
- Kirjalliset vastaukset arvioidaan vertaisarvioinneilla. Useimmiten vertaisarvioijina ovat muut opiskelijat, mutta joissain tilanteissa myös ohjaajat.

Avoimen yliopiston toteustavat voivat poiketa koulutusohjelman toteuksesta.

Sisältö

1. Mitä tekoäly on?

- motivaatio
- tekoälyn määritelmä
- tekoälyn filosofiaa

2. Ongelmanratkaisu tekoälyn avulla

- ongelmien muotoilu ja ratkaiseminen tilakaavioiden avulla
- yksinkertaisten pelien esittäminen pelipuina
- optimaalisten pelisiirtojen valinta pelipuiden avulla

3. Tekoälyn käytännön sovellukset

- epävarmuuden esittäminen todennäköisyyksinä
- todennäköisyys ja vedonlyöntikertoimet
- Bayesin kaava

4. Koneoppiminen

- lähimmän naapurin luokitin
- lineaariregressio
- logistinen regressio

5. Neuroverkot

- neuroverkkojen peruskäsitteet

- oppiminen neuroverkoissa
- perseptroniluokitin

6. Tekoälyn yhteiskunnalliset vaikutukset

- tekoälykeskustelu julkisuudessa
- tekoälystä esitettyjen väitteiden (tekoälytalvet, singulariteetti, ...) kriittinen arviointi
- tekoälyn etiikka

Arviointimenetelmät ja -kriteerit

- Kurssi läpäiseminen edellyttää, että 90% tehtävistä on suoritettu ja suoritetuista tehtävistä vähintään 50% on oikein
- Monivalintatehtävissä ja numeerisissa tehtävissä sallitaan vain yksi vastauskerta
- Tekstivastaukset joko hyväksytään tai hylätään: jälkimmäisessä tapauksessa opiskelijan tulee vastata ko. kysymykseen uudelleen (tarvittaessa useamman kerran, kunnes vastaus hyväksytään)

Suositeltavat valinnaiset opinnot

Opiskelijoille, jotka haluavat kurssin jälkeen jatkaa tekoälyopintoja, suositellaan tarvittaessa ohjelmointikursseja, joiden jälkeen voi suorittaa tekoälykursseja, joihin sisältyy ohjelmointia. Kursseja järjestetään tällä hetkellä pääasiallisesti tiedekunnassa:

- englanninkielinen Elements of AI: Building AI -verkkokurssi
- DATA15001 Introduction to AI (englanniksi) liittyy läheisesti Elements of AI-kurssiin ja sisältää ohjelmointitehtäviä
- DATA11001 Introduction to Data Science (syventävä, englanninkielinen) liittyy myös tekoälyn ja koneoppimisen sovelluksiin
- DATA11002 Introduction to Machine Learning syventävä, englanninkielinen) käsittelee erityisesti koneoppimista

SV:

Målgrupp

Kursen passar för alla som vill lära sig mer om artificiell intelligens och dess tillämpningar, och den passar som valfria studier för alla studerande vid Helsingfors universitets olika utbildningsprogram. Kursen riktar sig framför allt till sådana studerande som har studerat datavetenskap lite eller inte alls.

Timing

- Kursen är tillgänglig hela tiden.
- Kursen kan inledas när som helst, och den kan genomföras i egen takt.
- Den rekommenderade längden för kursen är sex veckor.
- Kursen kan utföras när som helst under studietiden.

Studieavsnittets form

- Kursmaterialet består av texter och interaktiva element.
- Uppgifterna utmanar studenten att fördjupa sig i materialet och vid behov söka efter mer information som stöd för sina svar.

Innehåll

1. Vad är artificiell intelligens?

- Motivation
- Hur definieras artificiell intelligens?
- Filosofin bakom artificiell intelligens

2. Problemlösning med hjälp av artificiell intelligens

- Att formulera och lösa problem med hjälp av tillståndsdiagram
- Att beskriva enkla spel som spelträd
- Att välja optimala drag med hjälp av spelträd

4. Praktisk tillämpning av artificiell intelligens

- Att uttrycka osäkerhet med sannolikheter
- Sannolikhet och vadslagningsodds
- Bayes sats

5. Maskininlärning

- Närmaste granne-klassificeraren
- Linjär regression
- Logistisk regression

6. Neuronnät

- Grundläggande begrepp inom neuronnät
- Inlärning och neuronnät
- Perceptronklassificerare

7. Sociala konsekvenser av artificiell intelligens

- Diskussion om artificiell intelligens i offentligheten
- Kritisk bedömning av påståenden om artificiell intelligens
- Artificiell intelligens och etik

Bedömningsmetoder och kriterier

För att kursen ska bli godkänd krävs att 90 % av uppgifterna är slutförda. Av de slutförda uppgifterna ska minst 50 % ha rätt svar.

- Flervalsuppgifterna och de numeriska uppgifterna tillåter endast ett inlämnat svar.
- Svar som ges i löpande text blir antingen godkända eller underkända, och i det senare fallet ska den studerande svara på samma fråga igen och vid behov flera gånger, ända tills svaret blir godkänt.

Rekommenderade valfria studier

För studerande som vill fortsätta sina studier i artificiell intelligens efter kursen rekommenderas kurser i programmering. Efter dem kan den studerande genomföra kurser i artificiell intelligens som innehåller programmering. Sådana kurser ordnas för tillfället huvudsakligen vid Helsingfors universitets matematisk-naturvetenskapliga fakultet:

- Elements of AI: Building AI (i engelska)
- DATA15001 Introduction to AI hör nära samman med kursen Elements of AI och innehåller programmeringsuppgifter.
- DATA11001 Introduction to Data Science (fördjupad kurs) behandlar också tillämpningar av artificiell intelligens och maskininlärning.
- DATA11002 Introduction to Machine Learning (fördjupad kurs) behandlar i synnerhet maskininlärning.

EN:

Target group

Optional course in the Bachelor Programme of Computer Science

- suitable for all students in any study programme
- the target audience is especially students with little or no computer science studies
- The course may be offered among the university’s continuous learning courses.

Timing

- any stage of studies
- the course is offered continuously
- the course can be started at any time, and completed at any pace
- recommended duration is six weeks

Completion methods

- Exercises include multiple choice quizzes, numerical exercises, and questions that require a written answer.
- The multiple choice and numerical exercises are automatically checked.
- The exercises with written answers are reviewed by other students (peer grading) and in some cases by the instructors.
- The course material contains text and interactive elements.
- The exercises are designed to challenge you to re-read the material and access further sources enough to be able to produce an answer.

Open University and degree programme completion methods may be different.

Contents

What is AI?

- motivation
- definition of AI
- philosophy of AI

AI problem solving

- formulating and solving problems using state diagrams
- formulating simple games (tic-tac-toe or chess) as game trees
- solving game trees using the minimax algorithm

Real world AI

- expressing uncertainty using probability
- probabilities and odds
- Bayes formula

Machine learning

- nearest neighbor classifier
- linear regression
- logistic regression

Neural networks

- concepts of neural computation
- learning in neural networks
- perceptron classifier

Implications

- public perception of AI
- critical evaluation of claims made about AI (e.g., singularity, AI winter)
- societal implications and ethics of AI

Assessment practices and criteria

- Successful completion requires 90% completed exercises and minimum 50% correctness
- Only one attempt is allowed in the multiple choice quizzes and numerical exercises
- Exercises with written answers are accepted or rejected based on the reviews: in case of rejection, another attempt is allowed (as many times as required)

Recommended optional studies

After the course, if the student wishes to continue learning about AI, we recommend learning some programming and taking introductory AI courses. These courses are mainly organized by the faculty:

- the follow-up course Elements of AI: Building AI.
- DATA15001 Introduction to AI is a closely related intermediate course that also includes programming exercises on the same topics
- DATA11001 Introduction to Data Science (advanced course)
- DATA11002 Introduction to Machine Learning (advanced course)

- closely related Bachelor programmes include the Bachelor of Science and Bachelor of Computer Science
- closely related Master's programmes include the Master of Data Science and Master of Computer Science

Study materials

FI: Kurssimateriaali löytyy osoitteesta https://course.elementsofai.com/fi

SV: Kursmaterialet finns på adressen https://www.elementsofai.se/

EN: The course material is available at https://www.elementsofai.com/

Completion method and assessment items	Recurrence	Credits
Method 1		2 cr
Participation in teaching		2 cr
Method 2		2 cr
Exam		2 cr
Method 3		2 cr
Independent study		2 cr
Method 4		2 cr
Open Uni: Participation in teaching		2 cr