

Opasraportti

FHum - Information Studies (2019 - 2020)

Tutkintorakenteet

Candidate's Degree/Information Studies

Tutkintorakenteen tila: published

Lukuvuosi: 2019-20

Lukuvuoden alkamispäivämäärä: 01.08.2019

Basic Studies (vähintään 25 op)

A112801: Information Studies, Basic Studies, 25 op

Compulsory Basic Studies

- 694677P: Introduction to Information Studies, 5 op
- 694661P: Literacies in Different Information Environments, 5 op
- 694662P: Information Behaviour and Practices, 5 op
- 694678P: Information Seeking and Information Retrieval, 5 op
- 700169P: Introduction to Scientific Thinking, 5 op
- 694614Y: Personal Study Plan 1 (Bachelor's degree), 0 op

Intermediate Studies (35 - 45 op)

A112802: Information Studies, Intermediate Studies, 35 - 45 op

Compulsory intermediate studies

- 694693A: Evaluation and organization of information contents, 5 op
- 694679A: Information Law and Ethics, 5 op
- 694694A: Informetrics, scientific libraries and open science, 5 op
- 694695A: Management and expertise in knowledge-based organizations, 5 op
- 694692A: Practical Training, 6 - 8 op
- 700332P: Introduction to Digital Humanities, 5 op

e1

- 694633A: Introduction to Statistical Analysis, 4 op

Elective studies for major subject students

- 694602A: Bachelor's Seminar and Thesis, 8 op
- 694667A: Bachelor's Thesis, 6 op
- 694573A: Maturity Test (for Bachelor's Degree/Information Studies), 0 op
- 694617Y: Personal Study Plan 2 (Bachelor's degree), 0 op

e

- 694612A: A Supplementary Literature Examination, 5 op

Studies in Minor Subject

Other Studies

Language and Communication Studies

Master's Degree/Information Studies

Tutkintorakenteen tila: published

Lukuvuosi: 2019-20

Lukuvuoden alkamispäivämäärä: 01.08.2019

Advanced Studies

A112803: Information Studies, Advanced Studies, 80 op

Alternative literature exams

694673S: Research on Information Seeking and Retrieval, 5 op

694669S: Research on Information Behaviour and Practices, 5 op

694672S: Research on Information Management and Knowledge Management, 5 op

694668S: Research on Information Environments and Scientific Communication, 5 op

694637S: Health information and communication, 5 op

694688S: Research on Information Literacies, 5 op

Alternative

694644S: Sociology and Philosophy of Science, 5 op

694690S: Information and knowledge in society, 5 op

694675S: Other Research Area of Information Studies, 5 op

Compulsory

694682S: Research Methods, 5 op

694632S: Master's Thesis Seminar, 10 op

694584S: Maturity Test (for Master's Degree/Information Studies), 0 op

694627Y: Personal Study Plan 3 (Master's degree), 0 op

694582S: Master's Thesis, 40 op

e

694583S: Thesis for Subsidiary Subject Students, 20 op

Minor subjects

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

694696A: , 5 op

694691S: Research methods in human and social sciences, 5 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

A112801: Information Studies, Basic Studies, 25 op

Opiskelumuoto: Basic Studies

Laji: Study module

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opettajat: Terttu Kortelainen

Opintokohteen kielet: Finnish

Assessment methods and criteria:

Read more about [assessment criteria](#) at the University of Oulu webpage.

Compulsory Basic Studies

694677P: Introduction to Information Studies, 5 op

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS credits, 135 hours of work

Language of instruction:

Finnish

Timing:

1st year, periods I and II

Learning outcomes:

Upon completion of the course, students will be able to identify the focal fields, objects of research and the central concepts of Information Studies, and to analyse their mutual relationships.

Contents:

The development of Information Studies as a discipline, basic terminology, research objects and areas

Mode of delivery:

Contact teaching and/or online teaching

Learning activities and teaching methods:

Lectures, exercises in groups, compiling a portfolio. Approximately 40 hours of contact teaching and 95 hours of independent study

Target group:

Students majoring and minoring in Information Studies

Recommended or required reading:

Lecture material and literature announced during lectures

Assessment methods and criteria:

Active participation in lectures, exercises, portfolio

Grading:

Pass/Fail

Person responsible:

Professor

Working life cooperation:

None

694661P: Literacies in Different Information Environments, 5 op**Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Anna-Maija Multas**Opintokohteen kielet:** Finnish**ECTS Credits:**

5 ECTS credits, 135 hours of work

Language of instruction:

Finnish

Timing:1st year, period II**Learning outcomes:**

Upon completion of the course, students will be able to identify the terminology and phenomena related to literacies. Students will also be able to examine the significance of literacies in different information environments.

Contents:

Different terms of literacy, such as media and information literacy, multiliteracy, transforming literacies, health information literacy; the significance and promotion of literacies in different environments

Mode of delivery:

Contact teaching and/or online teaching

Learning activities and teaching methods:

Lectures, exercises, literature. Approximately 20 hours of contact teaching and 115 hours of independent study

Target group:

Students majoring and minoring in Information Studies

Prerequisites and co-requisites:

None

Recommended or required reading:

Kalantizis, M. & Cope, B. (2012) Literacies.

Sormunen, E. & Poikela, E. (Toim.) (2008) Informaatio, informaatiolukutaito ja oppiminen.

Whitworth, A. (2014) Radical Information Literacy, ss. 11-26.

Niemelä, R., Ek, S. & Huotari, M.-L. (2012) Terveystiedon lukutaito lisää hyvinvointia. Teoksessa: Jukka Reivinen & Leena Vähäkylä (Toim.) Kansanterveys, yksilön hyvinvointi. Helsinki: Gaudeamus, ss. 150-163.

Huotari, M.-L., Hirvonen, N., Enwald, H. & Niemelä R. (2015) Terveystiedon lukutaidolla liikunnallisempaan arkeen ja hyvinvointiin. Teoksessa Hannu Itkonen ja Kati Kauravaara (Toim.) Liikunta kansalaisten elämänkulussa - Tulkintoja liikkumisesta ja liikunnanedistämisestä.

Hirvonen, N., Huotari, M.-L., Niemelä, R. & Korpelainen, R. (2014) Nuorten miesten vähäinen liikkuminen kytkeytyy heikkoon terveystiedon lukutaitoon. Liikunta & Tiede 51(4), 37-43.

Niemelä, R., Ek, S., Eriksson-Backa, K. & Huotari, M.-L. (2012) A Screening Tool for Assessing Everyday Health Information Literacy. Libri 62(2), 125–134.

Assessment methods and criteria:

Exercises and examination

Grading:

0–5

Person responsible:

University Lecturer

Working life cooperation:

None

694662P: Information Behaviour and Practices, 5 op**Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

5 ECTS credits, 135 hours of work

Language of instruction:

Finnish

Timing:1st year, period II**Learning outcomes:**

Upon completion of the course, students will be able to identify, analyse and assess the essential terminology of information behaviour and practices, and to present and apply the models of the field to the context of everyday life and occupations.

Contents:

The terminology of information behaviour and practices, theoretical approaches of the field and empirical studies

Mode of delivery:

Contact teaching and/or online teaching

Learning activities and teaching methods:

Lectures, exercises, group work. Approximately 20 hours of contact teaching and 115 hours of independent study

Target group:

Students majoring and minoring in Languages

Prerequisites and co-requisites:

None

Recommended or required reading:

Lecture material and articles from a reading list

Assessment methods and criteria:

Participating in lectures, exercises, group work

Grading:

0–5

Person responsible:

University Lecturer

Working life cooperation:

None

694678P: Information Seeking and Information Retrieval, 5 op**Voimassaolo:** 01.08.2017 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay694678P Information Seeking and Retrieval (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS credits / 135 hours of work

Language of instruction:

Finnish

Timing:

1st year, periods 1-2

Learning outcomes:

A student can recognise and use various channels of information seeking and the basic techniques of information retrieval while planning and implementing searches

Contents:

The channels of information seeking and retrieval, sources of information, and the basic methods like Boolean logic, browsing, free word search, content based search, and the use of controlled description and relevance assessment.

Mode of delivery:

Contact teaching and online study

Learning activities and teaching methods:

Lectures and exercises. 25 hours of contact teaching, 110 hours of independent study

Target group:

Students majoring or minoring in Information

Recommended or required reading:

The issues dealt with during the lectures and exercises.

Assessment methods and criteria:

Exercises

Grading:

Pass / Fail

Person responsible:

University Lecturer

700169P: Introduction to Scientific Thinking, 5 op

Voimassaolo: 01.08.2017 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opettajat: Pietikäinen, Petteri Olli

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS credits / 135 hours work

Language of instruction:

Finnish or English

Timing:

varies according to major subject

Learning outcomes:

Students become acquainted with the basic characteristics of scientific thinking and can describe the differences and similarities between scientific and non-scientific thinking.

Contents:

Students familiarize with the basic features of scientific thinking. During the course students discuss the meaning of knowledge, and in particular the scientific knowledge. The boundaries of science and pseudoscience, the differences and similarities between human sciences and natural sciences, the scientific argumentation, the critical source literacy, the processes of observation, inference and interpretation, the ethics and norms in science, the publicity of science and the encryption of knowledge, the scientific communication, and the historical development of scientific thinking are dealt during the course.

Mode of delivery:

face-to-face teaching 24 h and independent work 111 h

Learning activities and teaching methods:

lectures and supplementary assignment

Target group:

students in degree programme in history, culture and communication

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Leila Haaparanta & Ilkka Niiniluoto: Johdatus tieteelliseen ajatteluun

Assessment methods and criteria:

Lectures, **lecture journal** and book exam. Active participation in teaching discussions, knowledge of the topic shown with lecture journal, accepted book exam. Read more about assessment criteria at the University of Oulu webpage.

Grading:

0-5

Person responsible:

Petteri Pietikäinen

Other information:

joint and compulsory course for all students in the degree programme in history, culture and communication

694614Y: Personal Study Plan 1 (Bachelor's degree), 0 op

Voimassaolo: 01.08.2009 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

0

Language of instruction:

Finnish

Timing:

1st year, autumn semester

Target group:

Students majoring in Information Studies

Assessment methods and criteria:

Personal discussion with the teacher tutor

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Teacher tutors of Information Studies

Working life cooperation:

None

A112802: Information Studies, Intermediate Studies, 35 - 45 op

Opiskelumuoto: Intermediate Studies

Laji: Study module

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opettajat: Terttu Kortelainen

Opintokohteen kielet: Finnish

Leikkaavuudet:

ayA112802 Information Studies, Intermediate Studies (OPEN UNI) 35.0 op

Assessment methods and criteria:

Read more about [assessment criteria](#) at the University of Oulu webpage.

Compulsory intermediate studies

694693A: Evaluation and organization of information contents, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay694693A 5.0 op

694679A: Information Law and Ethics, 5 op

Voimassaolo: 01.08.2017 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay694679A Information Law and Ethics (OPEN YO) 5.0 op

ECTS Credits:

5 ECTS credits, 135 hours of work

Language of instruction:

Finnish

Timing:

1st year, period III

Learning outcomes:

Upon completion of the course, students will be able to identify the basic principles of the judicial system and distinguish ethical principles and statutory norms. Students will be able to apply the essential laws of the field and to consider the ethical questions of the field

Contents:

The basic principles of the judicial system, the law and ethical principles regarding information and communication, related problems, such as freedom of speech, censorship, and cultural appreciation

Mode of delivery:

Contact teaching and/or online teaching and/or book exam

Learning activities and teaching methods:

Lectures and/or literature. Approximately 20 hours of contact teaching and 115 hours of independent study

Target group:

Students majoring and minoring in Information Studies

Prerequisites and co-requisites:

Completion of the course Introduction to Information Studies is required.

Recommended or required reading:

Mäkinen, O. (2006) Internet ja etiikka; Voutilainen, T. (2012) Oikeus tietoon.

Assessment methods and criteria:

Examinarium exam

Grading:

0-5

Person responsible:

University Lecturer

Other information:

Exam in Examinarium

694694A: Informetrics, scientific libraries and open science, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay694694A 5.0 op

694695A: Management and expertise in knowledge-based organizations, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay694695A 5.0 op

694692A: Practical Training, 6 - 8 op**Voimassaolo:** 01.08.2019 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay694692A Practical Training (OPEN UNI) 6.0 op

700332P: Introduction to Digital Humanities, 5 op**Voimassaolo:** 01.08.2017 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Ritva Kylli**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay700332P Introduction to Digital Humanities (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS credits / 135 hours of work

Language of instruction:

Finnish (English)

Timing:

The course is held in the spring semester, during periods III and IV.

Learning outcomes:

Upon completion of the course the students

- will be familiarized with the research questions, methods, and perspectives of digital human sciences,
- learn the key concepts of digital human sciences and key quantitative and qualitative data
- are preliminarily acquainted with the digital tools used in human research and the theoretical and ethical approaches used in digital cultural research (related to, for example, open sciences and materials)
- learn to find out what kind of human research is possible to produce with computer-aided methods
- learn the basics of multidisciplinary collaboration and bring their own know-how into interdisciplinary project co-operation

Contents:

The perspectives, tools and theories and methods needed to study digital human sciences.

Mode of delivery:

Face-to-face teaching with the support of web-based teaching.

Learning activities and teaching methods:

Activating learning methods: Lectures, group work, online work /web-based teaching.

Target group:

Students of Degree Programme in History, Culture and Communication

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Material handed out during lectures. In written assignments it is possible to utilize following studies:

-Warwick, C., Terras, M. M., & Nyhan, J. (2012) *Digital humanities in practice*. London: Facet Publishing in association with UCL Centre for Digital Humanities.

-Laaksonen, S., Matikainen, J., & Tikka, M. (2013) *Otteita verkosta: Verkon ja sosiaalisen median tutkimusmenetelmät*. Tampere: Vastapaino.

-Pink, Sarah (2016) *Digital Ethnography: Principles and Practice*. Sage publishing.

-Otto, Ton & Smith, Rachel Charlotte (2013) *Design Anthropology: Theory and Practice*. London: Bloomsbury.

-Tolonen, Mikko & Lahti, Leo, Aatehistoria ja digitaalisten aineistojen mahdollisuudet. *Ennen ja Nyt*2/2015, <http://www.ennenjanyt.net/>.

-Fält, Katja (2016) Tutkijoiden digitaaliset tutkimusaineistot ja datan avoin jakaminen digitaalisen humanismin kontekstissa. Teoksessa Kimmo Elo (toim.), *Digitaalinen humanismi ja historiatieteet*. Turun historiallinen yhdistys, 39-75.

-Kemp, Karen K. (2010) *The Spatial Humanities: GIS And The Future Of Humanities Scholarship*. Bloomington: Indiana University Press.

-Barlindhaug, Stine (2012) Mapping Complexity. Archaeological Sites and Historic Land Use Extent in a Sa#mi Community in Arctic Norway. *Fennoscandia archaeologica XXIX*, 105–124.

-Elo, Kimmo & Kleemola, Olli (2016) SA-kuva-arkistoa louhimassa: Digitaaliset tutkimusmenetelmät valokuvatutkimuksen tukena. *Digitaalinen humanismi ja historiatieteet*. Turun historiallinen yhdistys, 151–190.

-Östman, Sari & Turtiainen, Riikka (2016) From Research Ethics to Researching Ethics in an Online Specific Context. *Media and Communication*. Vol 4, No 4, 66–74.

-Kortelainen, Terttu & Länsman, Anni-Siiri, Challenging the status and constructing the culture of an indigenous group: Attention paid to YLE Sápmi radio digital news in Finland. *European Journal of Cultural Studies*. Vol 18, Issue 6, 2015.

-Twycross, Meg (2008) *The Virtual Representation of the Past*. Aldershot: Ashgate.

- Ch'ng, E., Gaffney, V., & Chapman, H. (2013) *Visual heritage in the digital age*. New York, NY: Springer Berlin Heidelberg.

Assessment methods and criteria:

Participation in lectures, writing a reflective learning diary and active participation in teamwork. As a criterion, active participation in writing of the assignments, knowledge of the topic shown through lecture diary and the development of working life skills.

Grading:

0 - 5

Person responsible:

Ritva Kylli (Degree programme director)

Working life cooperation:

The course promotes the development of student working life skills, such as project work skills and digital literacy skills. Assignment topics will be drawn up together with researchers working at the university and with other representatives of working life.

Other information:

The course is compulsory for students of degree programme in history, culture and communication.

e1

694633A: Introduction to Statistical Analysis, 4 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4

Language of instruction:

Finnish

Timing:

2nd year, autumn or spring term

Learning outcomes:

Upon completion of the course, students will know how to plan a quantitative study and how to acquire observational data. Students will be able to describe a phenomenon being investigated by using tables, figures and parameters, and will know the fundamental principles of statistical inference.

Contents:

Planning a quantitative study, acquiring observational data, presenting the data studied in the form of tables, figures and parameters, the principles of statistical inference.

Mode of delivery:

Contact teaching

Learning activities and teaching methods:

Lectures and exercises with the SPSS computer programme

Target group:

Students majoring or minoring in Information Studies

Prerequisites and co-requisites:

Basic Studies in Information Studies

Recommended or required reading:

Information on recommended reading may be obtained from the lecturer

Assessment methods and criteria:

Formal lecture examination

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

0–5

Person responsible:

University Lecturer Terttu Kortelainen

Working life cooperation:

None

Elective studies for major subject students

694602A: Bachelor's Seminar and Thesis, 8 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

8 ECTS credits, 215 hours of work

Language of instruction:

Finnish

Timing:

2nd year, periods I–IV

Learning outcomes:

Upon completion of the course, students will be able to identify the essential research methods of Information Studies and to assess their suitability regarding their research. Students will be able to identify the ethical principles of research and do a small-scale assignment regarding survey, interview and content analysis.

Contents:

Perceiving the research questions of their research and searching for literature for their research; research ethics, typical research methods of Information Studies; survey, interview and content analysis as research methods; scholarly writing; the basics of statistical research; skills of information seeking and management

Mode of delivery:

Contact teaching and/or online teaching

Learning activities and teaching methods:

Seminar, lectures, exercises and an examination. Approximately 90 hours of contact teaching and 125 hours of independent study

Target group:

Students majoring in Information Studies

Prerequisites and co-requisites:

Completion of the Basic Studies package is required.

Recommended or required reading:

Lecture material

Assessment methods and criteria:

Active participation in lectures and exercises, completion of exercises, and an examination

Grading:

Pass/Fail

Person responsible:

University Lecturer

Working life cooperation:

None

Other information:

Support for information seeking: <http://www oulu.fi/library/node/10686>

694667A: Bachelor's Thesis, 6 op

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

6 ECTS credits, 160 hours of work

Language of instruction:

Finnish

Timing:

3rd year, periods I and II

Learning outcomes:

Upon completion of the course, students will have been able to complete a conceptual or an empirical study based on the research questions they have defined, apply the research methods they have chosen and report the results. Students will be able to assess theses and give peer feedback.

Contents:

Information seeking for students' research, completing a research project and presenting it in the seminar, acting as an opponent, active participation in the seminar

Mode of delivery:

Contact teaching and/or online teaching

Learning activities and teaching methods:

Seminar, independent study. Approximately 20 hours of contact teaching and 140 hours of independent study

Target group:

Students majoring in Information Studies

Prerequisites and co-requisites:

Completion of the Basic Studies package and the course *Bachelor's Seminar* is required.

Assessment methods and criteria:

Active participation in the seminar, compiling and presenting a research project, acting as an opponent

Grading:

0–5

Person responsible:

University Lecturer

Working life cooperation:

If possible, related to the subject of the research project

694573A: Maturity Test (for Bachelor's Degree/Information Studies), 0 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

0

Language of instruction:

Finnish or Swedish (native language)

Timing:

After the completion of Bachelor's Thesis

Learning outcomes:

Based on their assignment, students will be able to produce an essay, fluent in language and content, in which they evaluate the theoretical and methodological background and essential results of their thesis.

Contents:

A written examination based on the Bachelor's Thesis

Mode of delivery:

Independent study

Learning activities and teaching methods:

Examination

Target group:

Students majoring in Information Studies

Prerequisites and co-requisites:

The completion of the courses *Bachelor's Seminar* and *Bachelor's Thesis* is required.

Assessment methods and criteria:

An essay written during the examination

Grading:

Pass/fail

Person responsible:

University Lecturer

Working life cooperation:

None

694617Y: Personal Study Plan 2 (Bachelor's degree), 0 op**Voimassaolo:** 01.08.2009 -**Opiskelumuoto:** General Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

0

Language of instruction:

Finnish

Timing:

2nd or 3rd year

Target group:

Students majoring in Information Studies

Assessment methods and criteria:

Personal discussion with the teacher tutor

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

Pass/fail

Person responsible:

Teacher tutors of Information Studies

Working life cooperation:

No

*e***694612A: A Supplementary Literature Examination, 5 op****Voimassaolo:** 01.08.2007 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Terttu Kortelainen**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay694612A A Supplementary Literature Examination (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS credits, 135 hours of work

Language of instruction:

Finnish

Timing:1st, 2nd or 3rd year**Learning outcomes:**

Upon completion of the course, students will be able to describe the conceptual premises, research questions, choices of methods and important results of research related to selected fields in Information Studies.

Mode of delivery:

Independent study

Learning activities and teaching methods:

Examination

Target group:

Students completing a Master's Degree who have acquired a degree from a University of Applied Sciences in the field of Library and Information Services

Recommended or required reading:

- a) Haapaniemi, M., Rohkimainen, S. & Kortelainen, T. (2012) *Uusien kirjastopalvelujen vaikuttavuus*. (Finnish Information Studies 24.) (1 ECTS credit) Examiner: Terttu Kortelainen
- b) Käsäkoski, H. (2014) *Value Creation in Childhood Obesity Care and Prevention*. (2,5 ECTS credits) Examiner: Maija-Leena Huotari.
- c) Kärki, R. & Kortelainen, T. (1996) *Johdatus bibliometriikkaan*. (1 ECTS credit) Examiner: Terttu Kortelainen
- d) Niemelä, R. (2006) *Ikääntyneiden informaatiokäyttytyminen: laadullinen tutkimus arkielämän informaatiokäytännöistä ja toimintaan aktivoitumisesta*. (1,5 ECTS credit) Examiner: Maija-Leena Huotari.

Assessment methods and criteria:

Book examination, 160 hours of independent study

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

Pass/fail

Person responsible:

Professors, University Lecturers

Working life cooperation:

None

Other information:

The book examination can be taken on one or more exam dates. NB: The examination will be assessed by different lecturers, who will decide the required reading. **Therefore, sign up with each lecturer separately**. 1 ECTS credit is equivalent to 100–125 pages of text in Finnish and 75–100 pages of text in other languages.

A112803: Information Studies, Advanced Studies, 80 op**Opiskelumuoto:** Advanced Studies**Laji:** Study module**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Terttu Kortelainen**Opintokohteen kielet:** Finnish**Assessment methods and criteria:**Read more about [assessment criteria](#) at the University of Oulu webpage.*Alternative literature exams*

694673S: Research on Information Seeking and Retrieval, 5 op**Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

5

Language of instruction:

Finnish or English

Timing:4th or 5th year**Learning outcomes:**

Upon completion of the course, students will be able to identify and analyse specific questions, main theories and methods and the research related to information seeking and information storage and retrieval.

Contents:

Research on information seeking and storage, the methods and contexts of information seeking and retrieval, the methods of and research on content representation, and retrieval based on it

Mode of delivery:

Independent study

Learning activities and teaching methods:

Book exam, 135 hours of independent study

Target group:

Students majoring and minoring in Information Studies

Prerequisites and co-requisites:

The completion of the Basic Studies and Intermediate Studies packages is required.

Recommended or required reading:

- a) Fidel, R. (2012) *Human Information Interaction: An Ecological Approach to Information Behavior*.
- b) Curras, E. (2010) *Ontologies, Taxonomies and Thesauri in Systems Science and Systematics*.
- c) Ingwersen, P. & Järvelin, K. (2005) *Turn - Integration of Information Seeking and Retrieval in Context*.
- d) Kekäläinen, J. (1999) *Effects of Query Complexity, Expansion and Structure on Retrieval Performance in Probabilistic Text*.
- e) Bean, C. A. & Green, R. (Eds.) (2010) *Relationships in the Organization of Knowledge*.
- f) Warner, J. (2010) *Human Information Retrieval*.
- g) White, R.W. & Roth, R.A. (2009) *Exploratory Search*.

Assessment methods and criteria:

Book exam

Grading:

0–5

Person responsible:

University Lecturer

Working life cooperation:

None

694669S: Research on Information Behaviour and Practices, 5 op**Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Advanced Studies**Laji:** Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS credit, 135 hours of work

Language of instruction:

Finnish or English

Timing:

4th or 5th year

Learning outcomes:

Upon completion of the course, students will be able to compare the main theories, models and theoretical parsing of information behaviour and information practices. Students will be able to identify the philosophical premises of science and the methodological possibilities applicable to them.

Contents:

The main theories of information behaviour and information practices, theoretical parsing and methods

Mode of delivery:

Independent study

Learning activities and teaching methods:

Book examination, 135 hours of independent study

Target group:

Students majoring and minoring in Information Studies

Prerequisites and co-requisites:

The completion of the Basic Studies and Intermediate Studies packages is required.

Recommended or required reading:

Case, D.O. & Given, L. (2016): Looking for information: A survey of information seeking, needs, and behavior. 4rd ed. Luvut 1-8 sekä Appendix A;
Savolainen, R. (2008) Everyday information practices: A sociological phenomenological perspective.

Assessment methods and criteria:

Book exam

Grading:

0–5

Person responsible:

Professor or University Lecturer

Working life cooperation:

None

694672S: Research on Information Management and Knowledge Management, 5 op

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opettajat: Anna Suorsa

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS credits, 135 hours of work

Language of instruction:

Finnish or English

Timing:

4th or 5th year

Learning outcomes:

Upon completion of the course, students will be able to analyse the theoretical premises, methods and tools of information and knowledge management, and justify their significance and function in different information and organisation environments.

Contents:

Information management, knowledge management, information and knowledge in organisation environments, information and knowledge sharing and creating new knowledge in knowledge-based organisations

Mode of delivery:

Independent study

Learning activities and teaching methods:

Book exam, 135 hours of independent study

Target group:

Students majoring and minoring in Information Studies

Prerequisites and co-requisites:

The completion of the Basic Studies and Intermediate Studies packages is required.

Recommended or required reading:

Hislop, D. (2013) Knowledge Management in organizations. A critical introduction. 3rd ed.
 Dalkir, K. (2011) Knowledge Management in theory and practice. 2nd ed.
 Chu, S., Ritter, W. & Hawamdeh, S. (Toim.) (2010) Managing knowledge for global and collaborative innovations. Series on Innovation and Knowledge Management, Vol. 3.
 Becerra-Fernandez, I. & Leidner, D. (Toim.) (2008) Knowledge management: an evolutionary view.
 McInerney, C. & Koenig, M.E.D. (Toim.) (2011) Knowledge Management processes in organizations.
 Käsäkoski, H. (2014) Value creation in childhood obesity care and prevention.
<http://herkules.oulu.fi/isbn9789526204130/isbn9789526204130.pdf>

Assessment methods and criteria:

Book exam

Grading:

0–5

Person responsible:

Professor

Working life cooperation:

None

694668S: Research on Information Environments and Scientific Communication, 5 op

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS credits, 135 hours of work

Language of instruction:

Finnish or English

Timing:

4th or 5th year

Learning outcomes:

Upon completion of the course, students will be able to analyse the theoretical articulations of scientific communication and related research questions, and the application of informetric methods to different information environments.

Contents:

Scientific communication, informetric research, different information environments

Mode of delivery:

Independent study

Learning activities and teaching methods:

Book exam, 135 hours of independent study

Target group:

Students majoring and minoring in Information studies

Prerequisites and co-requisites:

The completion of the Basic Studies and Intermediate Studies packages is required.

Recommended or required reading:

Beyond bibliometrics. Harnessing multidimensional indicators of scholarly impact. Ed. by Cronin, B. & Sugimoto, C.R. 2014;
Holmberg, K. 2016: *Altmetrics for information professionals. Past, present and future.*

Assessment methods and criteria:

Book exam

Grading:

0–5

Person responsible:

University Lecturer

Working life cooperation:

None

694637S: Health information and communication, 5 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

5 ECTS credits, 135 hours of work

Language of instruction:

Finnish or English

Timing:

4th or 5th year

Learning outcomes:

Upon completion of the course, students will be able to analyse the theoretical premises, research objects and methods regarding health information. Students will be able to analyse the theoretical frameworks of information behaviour in relation to the models of health behaviour and to utilise it when planning the promotion of health care and well-being.

Contents:

Research of health and well-being from the perspectives of information behaviour and practices; the models of behavioural change; promoting health and well-being; tailoring of health information and communication

Mode of delivery:

Contact teaching and independent study

Learning activities and teaching methods:

Lectures, exercises, group work or a book exam, approximately 30 hours of contact teaching and 105 hours of independent study

Target group:

Students majoring and minoring in Information Studies

Prerequisites and co-requisites:

The completion of the Basic Studies package and the course *Literacies, Evaluation and Informetrics* is required.

Recommended or required reading:

Online material, articles from the reading list and the following books:

Johnson, D. & Case, D.O. (2012) *Health Information Seeking*

Reivinen, J. & Vähäkylä, L. (Eds.) (2012) *Kansan terveys, yksilön hyvinvointi*

Assessment methods and criteria:

Group work or book exam

Grading:

0–5

Person responsible:

Professor or University Lecturer

Working life cooperation:

None

Other information:

It is possible to include this course as a 3–5 ECTS-credit variant in the alternative courses of Intermediate Studies.

694688S: Research on Information Literacies, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Alternative

694644S: Sociology and Philosophy of Science, 5 op

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opettajat: Jari Sahlgren

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS credits / 135 hours of work

Language of instruction:

Finnish

Timing:

2nd year

Learning outcomes:

Students will have a general knowledge of philosophic theories of science and analysis of scientific argumentation, as well as different points of view of the study of science and the sociology of science. Students will be able to recognise the central theories of the philosophy of science, and they will be able to analyse scientific discourse. Students will be able to recognise and analyse the sociological factors of the interaction between science and society. Students will also be able to describe the key elements of the most important approaches in the sociology of science.

Contents:

The key concepts and theories of the philosophy of science and the sociology of science

Mode of delivery:

Contact teaching, independent study

Learning activities and teaching methods:

Lectures 30h / independent study 105h

Target group:

Students of TIEMA and students of Information Studies

Assessment methods and criteria:

Lecture and book exam

Grading:

The course uses a numerical grading scale 1–5. In the numerical scale, 0 (zero) means fail.

Person responsible:

University Lecturer Maija Kallinen

Working life cooperation:

None

694690S: Information and knowledge in society, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

694675S: Other Research Area of Information Studies, 5 op

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5

Language of instruction:

Finnish or English

Timing:

To be agreed upon on an individual basis

Mode of delivery:

Independent study

Target group:

Students majoring in Information Studies

Assessment methods and criteria:

To be agreed upon on an individual basis

Grading:

0-5; or pass/fail

Other information:

Alternative courses according to TIEMA's study plan:

- 694535S Philosophy of Science and Scientific Argumentation
- 694536S Sociology of Science
- 694534S History of Science
- 694538S Politics of Science

Compulsory

694682S: Research Methods, 5 op

Voimassaolo: 01.08.2017 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS credits

Language of instruction:

Finnish

Timing:

4th or 5th year, periods I and II

Learning outcomes:

Upon completion of the course, students will be able to carry out a small-scale empirical research project. Students will be able to justify the choice of research method and operationalise theoretical terminology. Additionally, students will be able to comply with the principles of scholarly research, writing and practices.

Contents:

The main research methods of Information Studies, and applying one or more of them to empirical research.

Mode of delivery:

Contact teaching

Learning activities and teaching methods:

Lectures, exercises, independent research and presentation, acting as an opponent, approximately 60 hours of contact teaching and 210 hours of independent study

Target group:

Students majoring and minoring in Information Studies

Prerequisites and co-requisites:

The course is an independent course, no other simultaneous studies required.

Recommended optional programme components:

The course is an independent course, no other simultaneous studies required.

Recommended or required reading:

Lecture material and Tuomi, J. & Sarajarvi, A. (2009) Laadullinen tutkimus ja sisällönanalyysi.

Assessment methods and criteria:

Active participation, exercises, carrying out and presenting research, acting as an opponent. Approx. 15 h contact studies, 80 h independent work

Grading:

0-5

Person responsible:

University lecturer

Other information:

It is possible to complete a part of the course as distance study.

694632S: Master's Thesis Seminar, 10 op

Voimassaolo: 01.08.2009 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS credits, 270 hours of work

Language of instruction:

Finnish

Timing:

4th or 5th year

Learning outcomes:

Upon completion of the course, students will be able to plan and carry out an empirical study on the topic they have chosen.

Contents:

Information seeking and retrieval, literature review and research plan on the topic chosen by the student, scientific discussion, scholarly expression, writing and practices

Mode of delivery:

Contact teaching

Learning activities and teaching methods:

Lectures, seminar, approximately 60 hours of contact teaching, 210 hours of independent study

Target group:

Students majoring in Information Studies

Prerequisites and co-requisites:

The completion of the Basic Studies and Intermediate Studies packages is required.

Recommended or required reading:

Lecture material

Assessment methods and criteria:

Active participation in the seminar during two terms; two seminar presentations: literature review and research plan; additionally, thesis drafts can be presented in the seminar; active working with the peer group

Grading:

Pass/Fail

Person responsible:

Professor and University Lecturer

Working life cooperation:

None

694584S: Maturity Test (for Master's Degree/Information Studies), 0 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

0

Language of instruction:

Finnish or Swedish (native language)

Timing:

After the completion of the Master's Thesis

Learning outcomes:

Upon completion of the course, students will have been able to describe the main methodological premises, results and conclusions of their theses in an expert, concise and selective manner.

Contents:

Abstract of the Master's Thesis

Mode of delivery:

Independent study

Learning activities and teaching methods:

An abstract of the Master's Thesis will be written in the student's native language on template form available on the website of the faculty.

Target group:

Students majoring in Information Studies

Prerequisites and co-requisites:

Before the completion of the course, it is required that students' Master's Theses have been submitted for evaluation.

Assessment methods and criteria:

Abstract based on the thesis

Grading:

Pass/Fail

Person responsible:

Professor or University Lecturer

Working life cooperation:

None

694627Y: Personal Study Plan 3 (Master's degree), 0 op

Voimassaolo: 01.08.2009 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

0

Language of instruction:

Finnish

Timing:

4th or 5th year

Target group:

Students majoring in Information Studies

Assessment methods and criteria:

Personal discussion with the teacher tutor

Grading:

Pass/fail

Person responsible:

Teacher tutors of Information Studies

Working life cooperation:

None

694582S: Master's Thesis, 40 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Advanced Studies

Laji: Diploma thesis

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

40 ECTS credits, 1080 hours of work

Language of instruction:

Finnish or English

Timing:

4th or 5th year

Learning outcomes:

Upon completion of the course, students will have been able to independently plan and carry out scholarly research complying with the principles and ethical research methods of scholarly writing.

Mode of delivery:

Independent study

Learning activities and teaching methods:

Supervised independent study, 1080 hours

Target group:

Students majoring in Information Studies

Prerequisites and co-requisites:

The completion of the Basic Studies and Intermediate Studies packages and the course *694632S Master's Seminar* is required.

Assessment methods and criteria:

Writing a Master's Thesis on the topic agreed on

Grading:

0–5

Person responsible:

Professor and University Lecturer

Working life cooperation:

None

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694583S: Thesis for Subsidiary Subject Students, 20 op**Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Diploma thesis**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

20 ECTS credits, 540 hours of work

Language of instruction:

Finnish or English

Timing:4th or 5th year**Learning outcomes:**

Upon completion of the course, students will have been able to independently carry out a scholarly research project complying with the principles and ethical research methods of scholarly writing.

Mode of delivery:

Independent study

Learning activities and teaching methods:

Writing a thesis on the topic agreed on, 540 hours of independent study

Target group:

Students minoring in Information Studies

Prerequisites and co-requisites:

The completion of the Basic Studies and Intermediate Studies packages and the course *694632S Master's Seminar* is required.

Assessment methods and criteria:

Writing a thesis on the topic agreed on

Grading:

0–5

Person responsible:

Professor and University Lecturer

Working life cooperation:

None

694696A: , 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

694691S: Research methods in human and social sciences, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish