# Opasraportti

## Information Studies (2015 - 2016)

### Information Studies

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**Study guidance**

Study guidance is provided by University Lecturer Vesa Suominen during his office hours announced each term. Room HU119, telephone +358 29 448 3356

Students majoring in Information Studies compile a personal study plan (PSP or HOPS in Finnish), for which instruction is given during the first autumn term. Students are divided into 2 or 3 groups for the PSP, and meet each term. The groups are led by teacher tutors who are announced at the beginning of each academic year.

Advice and guidance is also provided by the representatives of the student organisation Index ry.

General study guidance is provided by the Chief Academic Officer of the Faculty. Information regarding subsidiary (minor) studies is provided by the person responsible for study guidance of the subject in question.

Specific information related to courses and teaching is made available online in Weboodi, via mailing lists

and Optima, as well as during courses. Active participation is required in contact teaching.

**Admission requirements**

In order to study Information Studies as a major subject, students need to pass an entrance examination held every spring (more information about admissions available at http://www.oulu.fi/english/admissions). Students who wish to study Information Studies as a subsidiary (minor) subject are required to take a placement test.

**Information Studies and employment prospects**

Information Studies is part of the Human Sciences belonging to the Communication Sciences. Research in the field focuses on the production, organisation, acquisition, dissemination, use and effectiveness of information and other cultural content in different environments. The basic research, applied research and commissioned studies of

Information Studies are multidisciplinary, interdisciplinary and of high quality in the international perspective. Information Studies did extremely well in the Evaluation of Communications Research done by the Academy of Finland in 2013 (see Academy of Finland) as well as in Research Assessment Exercise (RAE) done by the Oulu University in 2014 and 2007.

Research on literacies in the University of Oulu is conducted in co-operation with the Faculty of Education and the different fields of technology. Health Information and Communication research is done collaboratively with Clinical Medicine, Biomedical Engineering, National Health Sciences, Sports Medicine, Nutritional Science and Information Systems Science. There is also co-operation with Åbo Akademi University, University of Tampere and University of Sheffield in Great Britain.

Along with Internet, the need of experts on Information Studies has increased in different disciplines. Studies in Information Studies prepare students for work in companies and public organisations in the service industry and as a designer, a developer, a researcher. Additionally, the studies qualify students to work as an expert in different types of libraries, archives and museums. Working as a librarian usually requires the Basic and Intermediate Studies packages as well as a university degree. Possible titles are for example Information Specialist, Information Manager, Knowledge Manager or Librarian or Head of the Library.

The University of Oulu, multidisciplinary in nature, makes it possible to choose subsidiary subjects from a wide variety of subjects. Students majoring in Information Studies may freely choose subsidiary subjects from the Faculties of the University or other universities. A degree can include two or four subsidiary subjects (the Basic Studies of two or three subjects and Intermediate Studies of one, for example). In general, Master's Degrees with combinations of Information Studies, Education, Information Processing Science, Business Economics or Administrative Sciences are valued in working life. Information Studies is connected to the Master's Degree programme in Science Communication (TIEMA, http://www.oulu.fi/sciencecommunication/), which is unique in Finland. This makes it possible for students to emphasise the communication studies as part of their expertise in the field of Information Studies.

The compulsory Information and Communication Technology Studies provide students with the necessary skills in informational occupations. It is recommended that students take the courses in the beginning of the studies. This applies to students minoring in the subject as well. More extensive studies in Information Processing Science help students in acquiring a job as an expert in the field and Intermediate Studies are necessary when working as a technological expert. Communication and people skills are essential and pedagogical skills are increasingly needed.

A practical training period is usually completed during the summer after the first or second year. It can be done in information-related posts in administrative or research organisations, libraries, archives, museums, companies or other information-based organisations. The training period usually lasts two or three months (5 or 8 ECTS credits respectively). The training placement must be agreed upon with the programme's instructor. Previous work experience can shorten or compensate for the practical training period.

As part of internationalisation, there is an exchange programme for students, teachers or researchers. Partner universities are located worldwide. Exchange to European universities is organised by Erasmus, and to the Nordic Countries by Nordplus. With the help of the Ministry of Foreign Affairs of Finland and the international organisation of mobility and co-operation called CIMO, North-South-South Higher Education Institution Network makes it possible for students to conduct their exchange in Namibia, South Africa, Senegal or Tanzania.

**Study packages and learning outcomes**

Upon completion of the Basic Studies package, students will have elementary skills in Information Studies, which involves understanding the essential theories, terminology and principles as well as applying them in different information environments in practice.

Upon completion of the Intermediate Studies package, students will have extensive knowledge of Information Studies. Students will be able to apply the essential theories, terminology and methods to investigative examination, evaluation and development of phenomena in the field in practical environments. Students will be able to independently work in the jobs of the field.

Upon completion of the Advanced Studies package, students will have extensive, fundamental knowledge of Information studies. Students will be able to understand and critically evaluate the theories, terminology and methods of the field. As experts, students will be able to apply them to the study and analysis of the phenomena of the field, advancing the functions related to them in addition to being capable of decision making in demanding and unexpected operational environments. Students will be able to assess and develop their expertise and, in addition, to work in administrative occupations in communities and organisations.

**Language, communications and method studies in Information Studies (minimum of 20 ECTS credits)**

In addition to general language, communication and method studies, they include a minimum of 5 ECTS credits of studies in Information Processing Science, which can be chosen for example from the following courses.

**810136P Introduction to Information Processing Science**

Credits: 5 ECTS credits, 134 hours of work

Language of instruction: Finnish

Timing: 1 $^{st}$ year, autumn term, periods I–II

Learning outcomes: Upon completion of the course, students will be able to discuss the essential fields of the course and write a report on them using the new terminology and knowledge learned on the course. Students will be able to analyse and apply what they have learned and what they have read about the field. Students will be able to retrieve information about the field of the course and critically respond to it and its significance. Furthermore, students will be able to analyse the information they have found and write short reports based on that. Additionally, students will be able to question and proportion information with the help of discussions during the course.

Contents: Lectures comprised of different areas of Information Processing Science and topical research of the field, as well as descriptions of actual work life, exploring different subsections of scholarly research with the help of listening, discussion, reading, critical and creative thinking, retrieving and understanding information and presenting it in a written form

Mode of delivery: Blended learning

Learning activities and teaching methods: Lectures (28 hours), exercises (40 hours) and independent study (66 hours). A web-based learning environment will be used to disseminate information and processing the exercises.

Materials: To be announced on the website of the course

Assessment methods: To be announced on the website of the course

Grading: Fail, 1–5

Person responsible: Juhani Warsta

**811171P Humans as Users and Developers of Information Technology**

Credits: 5 ECTS credits, 134 hours of work

Language of instruction: Finnish

Timing: 1 st year, autumn term, period II

Learning outcomes: Upon completion of the course, students will be able to examine humans as both users and developers of Information Technology. Students will be able to master some essential terms and understand their meaning in practice. Students will be familiar with the background and scientific theories of usability research. Students will be able to observe and analyse different using and user experiences as well as to understand the challenges of the Information Technology developers, whose aim is to create pleasant experiences for the users of technology. Students will also realise that they are on the way from a user of technology to an expert in development in the field.

Contents: Central themes and terminology of the course are the diversity of Information Technology, human as a user and a developer of Information Technology, using and user experience and user-based development.

Mode of delivery: Contact teaching and independent study with a web-based learning environment

Learning activities and teaching methods: Lectures (24 hours), lecture assignments, an examination, independent work on written assignments (approx. 84 hours)

Materials: Oulasvirta, A. (Ed.), *Ihmisen ja tietokoneen vuorovaikutus.* (2011), Chapters I and II, lecture material and other additional material

Assessment methods: Course assessment is mainly based on the pre-assignment, lecture assignments as well as the examination and essay. Additionally it is possible to improve the grade by completing an advanced optional assignment. More information will be available in the web environment.

Grading: 1–5

Person responsible: Tonja Molin-Juustila

Work placements: No


**812304A Information Systems in Organisations**

Credits: 5 ECTS credits, 134 hours of work

Language of instruction: Finnish

Timing: 1 st year, autumn term, periods I and II

Learning outcomes: Upon completion of the course, students

• will be able to explain the significance of Information Systems to organisations

• will be able to define the conditions of successful information-related operations in an organisation

• will be able to explain the main features of the development of Information Systems

Contents: Basic knowledge of organisations, how they are structured and how they operate, the basics of a digital organisation, the types and roles of Information Systems in organisations, interaction between Information Systems and organisations, the role of Information Systems in the decision making and leading of an organisation, the formation and control of organisational information, enterprise resource planning (ERP), renewing organisations with Information Systems, the economic significance of Information Systems

Mode of delivery: Combination of contact and distance teaching

Learning activities and teaching methods: Lectures (24 hours), exercises (40 hours), independent study (approx. 100 hours). The web-based learning environment (Optima) will be used for exercises and distribution of information.

Prerequisites and co-requisites: The completion of the course *811169P Introduction to Information Systems Design* or corresponding knowledge is required.

Materials: Wallace, P., *Information Systems in Organizations. People, Technology, and Processes.* Pearson. (2013). Chapters 1-12. The previous course book might also be useful: Laudon, K.C and Laudon, J.P., *Management Information Systems*, Prentice-Hall, 10 [th] Edition, pp. 3–119, 428–523, 552–587.

Assessment methods: Weekly assignments, a group assignment

Grading: 1–5

Person responsible: Juhani Warsta

Work placement: No

**810124P Computer Architecture**

Credits: 5 ECTS credits, 134 hours of work

Language of instruction: Finnish

Timing: 1 [st] year, spring term, period III

Learning outcomes: Upon completion of the course, students will be able to understand and have a good command of the structure and activities of the software platform related to performance, resource needs and error conditions. Students will know the basic vocabulary with which they will be able to communicate and use for documentation, especially hardware-oriented programmes such as embedded systems, mobile systems, multimedia and scientific computing. Students will be able to use their computer in the first vacancy as a professional.

Contents:

1. Basics of Digital Logic and the components of the processor

2. Representations of digital data

3. The processor and how it functions

4. The instruction set of the processor

5. Symbolic assembly language

6. The services of the operating system

7. Memory management

8. Input and output

9. Interruptions, device drivers and BIOS

10. Supporting multimedia

11. Mobile platforms

12. Parallel processing

Mode of delivery: Contact teaching

Learning activities and teaching methods: Lectures (40 hours), assignments (15 hours), exercises (15 hours), examination (90 hours)

Materials: Comer; D.E., *Essentials of Computer Architecture*. Pearson/Prentice Hall. ISBN 0-13-106426-7. (2005) 369 pages. During the lectures, examples will be provided from: Tanenbaum A.S., *Structured Computer Organizations*. 4 [th] Edition. Prentice Hall. (1999) 700 pages and Stallings, W. *Computer Organization and Architecture* . 5 [th] Edition. Prentice Hall. (2000) 768 pages

Assessment methods: Examination

Grading: 1–5

Person responsible: Petri Pulli

Work placement: No

**811174P Introduction to Software Business**

Credits: 5 ECTS credits, 134 hours of work

Language of instruction: Finnish

Timing: 1 [st] year, spring term, period IV

Learning outcomes: Upon completion of the course, students will be able to

• explain what this field is based on

• describe the logic of the business, such as models of business typically used as well as justifications for using them

• describe the important areas of how a software company works

Contents: Software business will be examined from three perspectives: field of business, logic of the business and how a software business works. Topics on the course include the history of software business, the structures and clusters of the field, business models used in the field, networking and outsourcing, the growth and development of a software business, marketing and sale of software, and the internationalisation of a software company.

Mode of delivery: Contact teaching

Learning activities and teaching methods: Lectures (30 hours), exercises (20 hours), independent study (64 hours), home exam (20 hours).

Materials: To be announced on the website of the course

Assessment methods: Examination

Grading: Fail, 1–5

Person responsible: Marianne Kinnula

**Study packages of Information Studies**

**Basic Studies (25 ECTS credits)**

694614Y PSP – Personal Study Plan 1 (Information Studies) (0 ECTS credits) (Only for students majoring in the subject)

694677P Introduction to Information Studies (5 ECTS credits)

694660P Information Environments and Collections (5 ECTS credits)

694661P Literacies in Different Information Environments (5 ECTS credits)

694662P Information Behaviour and Practices (5 ECTS credits)

694663P Information Law and Ethics (5 ECTS credits)

**Intermediate Studies (36 ECTS credits for subsidiary subject – 50 ECTS credits for major subject)**

*Compulsory courses*

694664A Data Acquisition, Information Retrieval and Organisation (10 ECTS credits)

694665A Literacies, Evaluation and Informetrics (10 ECTS credits)

694666A Management of Knowledge-Based Organisations (5 ECTS credits)

694557A Practical Training Period (5–8 ECTS credits)

*Alternative courses*

Elective courses will be chosen from the following courses so that they will add up to 3 or 6 ECTS credits. The number of credits depends on the duration of the Practical Training Period. If the training is 5 ECTS credits (duration two months), then 6 ECTS credits are needed. Conversely, if the training is 8 ECTS credits (duration three months), then only 3 ECTS credits are required.

694567A Music Librarianship (3 ECTS credits)

694622A Library Services for Children and the Youth (5 ECTS credits)

695100P Introduction to Communication Studies (5 ECTS credits)

694597S Introduction to Science Communication (5 ECTS credits)

694531S Changing Media Culture (5 ECTS credits)

694533S Communication Research (5 ECTS credits)

695105P PR-Communication 5 op

*Courses only for students majoring in Information Studies ( 14 ECTS credits in total)*

694617Y PSP – Personal Study Plan 2 (Information Studies) (0 ECTS credits)

694602A Bachelor's Seminar (8 ECTS credits)

694667A Bachelor's Thesis (6 ECTS credits)

694573A Maturity test (Candidate's Degree/Information Studies) (0 ECTS credits)

*A supplementary book exam for students who have acquired a degree in a University of Applied Sciences*

694612A A Supplementary Literature Examination (6 ECTS credits)

**Advanced Studies (80 ECTS credits)**

694627Y PSP – Personal Study Plan 3 (Information Studies) (0 ECTS credits), only for students majoring in the subject

*Book exams (15 ECTS credits)*

Students complete three exams for 5 ECTS credits each. The works studied will be chosen so that 100–125 pages of Finnish text or 75–100 of text in a foreign language equal 1 ECTS credit. Other studies, for example several elective studies or parts of Information Studies, can be used to compensate for one book exam in the Advanced Studies.

694668S Research on Information Environments and Scientific Communication (5 ECTS credits)

694669S Research on Information Behaviour and Practices (5 ECTS credits)

694672S Research on Information Management and Knowledge Management (5 ECTS credits)

694673S Research on Information Seeking and Retrieval (5 ECTS credits)

694670S Information and Documentation Practices in the Society (5 ECTS credits)


*Research Methods, Seminar for Master's Thesis and the Master's Thesis*

694671S Research Methods (10 ECTS credits)

694632S Master's Seminar (10 ECTS credits)

694582S Master's Thesis (40 ECTS credits)

694583S Restricted Thesis (20 ECTS credits)

694584S Maturity Test (Master's Degree/Information Studies) (0 ECTS credits) (Only for students majoring in the subject)


*Alternative courses*

A minimum of 5 ECTS credits from the following:

694637S Health Information and Communication (5 ECTS credits)

694674S Theory and Philosophy of Library, Information and Documentation (5 ECTS credits)

694676S Theory and Application of Classification (5 ECTS credits)

694644S Sociology and Philosophy of Science (5 ECTS credits)

694643S History and Politics of Science (5 ECTS credits)

694675S Other Field within Information Studies (5 ECTS credits)


# Tutkintorakenteet


## Master's Degree/Information Studies

Tutkintorakenteen tila: published

Lukuvuosi: 2015-16

Lukuvuoden alkamispäivämäärä: 01.08.2015

## Advanced Studies

A112803: Information Studies, Advanced Studies, 80 op
*Alternative literature exams*
   694668S: Research on Information Environments and Scientific Communication, 5 op
   694669S: Research on Information Behaviour and Practices, 5 op
   694672S: Research on Information Management and Knowledge Management, 5 op
   694673S: Research on Information Seeking and Retrieval, 5 op
   694670S: Information and Documentation Practices in the Society, 5 op
*Alternative*
   694637S: Health information and communication, 5 op
   694674S: Theory and Philosophy of Library, Information and Documentation, 5 op
   694676S: Theory and Application of Classification, 5 op
   694644S: Sociology and Philosophy of Science, 5 op
   694643S: History and Politics of Science, 5 op
   694675S: Other Research Area of Information Studies, 5 op
*Compulsory*
   694632S: Master's Thesis Seminar, 10 op
   694582S: Master's Thesis, 40 op
   694584S: Maturity Test (for Master's Degree/Information Studies), 0 op
   694671S: Research Methods, 10 op
*Elective studies only for major subject students*
   694627Y: Personal Study Plan 3 (Master's degree), 0 op

# Candidate's Degree/Information Studies

Tutkintorakenteen tila: archived

Lukuvuosi: 2015-16

Lukuvuoden alkamispäivämäärä: 01.08.2015

## Basic Studies (vähintään 25 op)

A112801: Information Studies, Basic Studies, 25 op
*Compulsory Basid Studies*
   694677P: Introduction to Information Studies, 5 op
   694660P: Information Environments and Collections, 5 op
   694661P: Literacies in Different Information Environments, 5 op
   694662P: Information Behaviour and Practices, 5 op
   694663P: Information Law and Ethics, 5 op
*Only for major subject students*
   694614Y: Personal Study Plan 1 (Bachelor's degree), 0 op

## Intermediate Studies

A112802: Information Studies, Intermediate Studies, 35 - 45 op
*Compulsory intermediate studies*
   694664A: Information Seeking, Retrieval and Organisation, 10 op
   694665A: Literacies, Evaluation and Informetrics, 10 op
   694666A: Management of Knowledge-Based Organisations, 5 op
   694557A: Practical Training, 5 - 8 op
*Alternative*
   694567A: Music Librarianship, 3 op
   694622A: Library Services for Children and Young People, 3 op
   695100P: Introduction to Communication Studies, 5 op
   694597S: Introduction to Science Communication, 5 op
   694531S: Changing Media Culture, 5 op

694533S: Communication Research, 5 op
695105P: PR-Communication, 5 op
*Elective studies for major subject students*
694617Y: Personal Study Plan 2 (Bachelor's degree), 0 op
694602A: Bachelor's Seminar and Thesis, 8 op
694573A: Maturity Test (for Bachelor's Degree/Information Studies), 0 op
694667A: Bachelor's Thesis, 6 op

## Studies in Minor Subject

## Other Studies

## Language and Communication Studies

H112830: Language and Communication Studies, 15 - 45 op
*Compulsory Language and Communication Studies*
010100Y: Orientation Course for New Students, 0 op
901030Y: Second Official Language (Swedish), Written Skills, 2 op
901031Y: Second Official Language (Swedish), Oral Skills, 3 op
900050Y: Written and Oral Communication Skills, 4 - 5 op
902160Y: Academic English for Humanities, 2 - 5 op
*Alternative studies*
810136P: Introduction to Information Processing Sciences, 5 op
811171P: Humans as Users and Developers of Information Technology, 4 op
812304A: Information Systems in Organizations, 6 op
810124P: Computer Architecture, 6 op
811174P: Introduction to Software Business, 5 op
694633A: Introduction to Statistical Analysis, 4 op
694732S: Advanced Course in Statistical Analysis, 3 op

# Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

694612A: A Supplementary Literature Examination, 5 op
902001Y: Academic Communication, 3 op
902000Y: Reading for Academic Purposes in the Humanities, 2 op
694583S: Thesis for Subsidiary Subject Students, 20 op

# Opintojaksojen kuvaukset

## Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

### A112803: Information Studies, Advanced Studies, 80 op

**Opiskelumuoto:** Advanced Studies
**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Maija-Leena Huotari
**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**
Read more about assessment criteria at the University of Oulu webpage.

*Alternative literature exams*

### 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
**Opettajat:** Terttu Kortelainen
**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits, 135 hours of work

**Language of instruction:**

Finnish or English

**Timing:**

4 th or 5 th 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:**

a) de Bellis, N. (2009) *Bibliometrics and Citation Analysis.*
b) Feldung, R.B. (2007) *Scientific Communication. Economic Analysis of the Electronic Journal Market.*
d) Holmberg, K. (2009) *Webometric Network Analysis: Mapping Cooperation and Geopolitical Connections Between Local Government Administration on the Web.*
e) Vinkler, P. (2010) *The Evaluation of Research by Scientometric Indicators.*
f) Jankowski, N.W. (2009) *E-Research: Transformation in Scholarly Practice.*

**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:**

4 th or 5 th 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:**

a) Bruce, C., Davies, K., Hughes, H., Partridge, H. & Stoodley, I. (2014) *Information Experience. Approaches to Theory and Practice*.
b) Case, D.O. (2012) *Looking for Information: A Survey of Information Seeking, Needs, and Behavior*. 3 rd ed.
c) Cole, C. (2012) *Information Need: A Theory Connecting Information Search to Knowledge Formations.*
d) Heinström, J. (2010) *From Fear to Flow: Personality and Information Interaction.*
e) Jaeger, P. T. & Burnett, G. (2011) *Information Worlds: Social Context, Technology and Information Behaviour in the Age of the Internet.*
f) Savolainen, R. (2008) *Everyday Information Practices. A Social 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
**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits, 135 hours of work

**Language of instruction:**

Finnish or English

**Timing:**

4 th or 5 th 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. 3 rd ed.
Dalkir, K. (2011) Knowledge Management in theory and practice. 2 nd 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.
Känsäkoski, 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

**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
**Opettajat:** Suominen, Vesa Jukka Ilmari
**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish or English

**Timing:**

4 th or 5 th 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

**694670S: Information and Documentation Practices in the Society, 5 op**

**Voimassaolo:** 01.08.2015 -
**Opiskelumuoto:** Advanced Studies
**Laji:** Course
**Vastuuyksikkö:** Faculty of Humanities

**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Suominen, Vesa Jukka Ilmari
**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits, 135 hours of work

**Language of instruction:**

Finnish or English

**Timing:**

4 th or 5 th year

**Learning outcomes:**

Upon completion of the course, students will be able to analyse the societal and cultural practices related to information and documentation, and the premises related to research thereof.

**Contents:**

Practices, politics and history related to information and documentation

**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

**Recommended or required reading:**

a) Bowker, G.C. & Star, S.L. (1999) *Sorting Things Out: Classification and Its Consequences.*
b) Frohmann, B. (2004) *Deflating Information: From Science Studies to Documentation.*
c) Hanson, J. (2010) *Libraries and Identity: The Role of Institutional Self-image and Identity in the Emergence of New Types of Libraries.*
d) Harris, M.H., Hannah, S.A., & Harris, P.A. (1998) *Into the Future: The Foundations of Library and Information Services in the Post-Industrial Era.*
e) Leckie, G.J., Given, L.M., Buschman, J.E. (Eds.) (2010) *Critical Theory for Library and Information Science: Exploring the Social from Across the Disciplines.*
f) Valentine, P.M. (2012) *A Social History of Books and Libraries from Cuneiform to Bytes.*
g) Day, R. (2014) *Indexing It All: The Subject in the Age of Documentation, Information, and Data.*
h) Buschman, J. (2012) *Libraries, Classrooms, and the Interests of Democracy: Marking the Limits of Neoliberalism.*

**Assessment methods and criteria:**

Book exam

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

*Alternative*

### 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:**

4 <sup>th</sup> or 5 <sup>th</sup> year

4 th or 5 th 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.


**694674S: Theory and Philosophy of Library, Information and Documentation, 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

**Timing:**

4 <sup>th</sup> or 5 <sup>th</sup> year

**Learning outcomes:**

Upon completion of the course, students will be able to identify and interpret, analyse and assess the basics of library, information and documentation practices, and related societal and culture theory discourses.

**Contents:**

Theories of library, information and documentation functions, and relevant societal and culture theory and philosophical themes.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, approximately 25 hours of contact teaching and 110 hours of independent study

**Target group:**

Students majoring and minoring in Information Studies

**Prerequisites and co-requisites:**

Completion of the Basic Studies package is required.

**Recommended or required reading:**

Lecture material, and additional material to be announced separately

**Assessment methods and criteria:**

Examination or essay

**Grading:**

Pass/Fail

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**Other information:**

The teaching is not organised every academic year. It is possible to include this course as a 3–5 ECTS-credit variant in the alternative courses of the Intermediate Studies package.


**694676S: Theory and Application of Classification, 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

**Timing:**

4th or 5th year

**Learning outcomes:**

Upon completion of the course, students will be able to describe the development of classification and the theory of classificatory structures, and apply structures to content analysis and other sectors of Information Studies and work in the field.

**Contents:**

Theory and history of classification and  structures of classification and the possibilities of application

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and exercises, approximately 25 hours of contact teaching and 110 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 *Information Seeking, Retrieval and Organisation* is required.

**Recommended or required reading:**

Lecture material, additional material to be announced separately

**Assessment methods and criteria:**

Examination or essay

**Grading:**

0-5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**Other information:**

Teaching is not organised every academic year. It is possible to include this course as a 3–5 ECTS-credit variant in the alternative courses of the Intermediate Studies package.


**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:** Kallinen, Maija Sinikka
**Opintokohteen kielet:** Finnish

**ECTS Credits:**
5 ECTS credits / 135 hours of work
**Language of instruction:**
Finnish
**Timing:**
2 nd 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


## 694643S: History and Politics of Science, 5 op

**Voimassaolo:** 01.08.2015 -
**Opiskelumuoto:** Advanced Studies
**Laji:** Course
**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Kallinen, Maija Sinikka
**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits / 135 hours of work

**Language of instruction:**

Finnish

**Timing:**

1 st year

**Learning outcomes:**

Upon completion of the course, students will be able to describe the key developments in scientific thinking from the antiquity to the present day. Students will also be able to recognise the greatest revolutions in scientific thinking and their importance to world views. Students will be able to define in general the terms of how Finnish science and university policies have developed over time and how the most important scientific institutions and the university system have developed, both structurally and administratively. Students will be able to interpret various programmes of science and university policies and evaluate related social background factors. Students will also be able to pinpoint the social prerequisites of various sciences.

**Contents:**

The history of science from the antiquity to the present day, and the main schools of Finnish university policies

**Mode of delivery:**

Contact teaching, independent study

**Learning activities and teaching methods:**

Lectures 30h / independent study 105h

**Target group:**

Students of TIEMA

**Recommended or required reading:**

Lectures and material assigned during the lectures

**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

### 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 Sciology of Science
- 694534S History of Science
- 694538S Politics of Science

*Compulsory*

### 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:**

4 th or 5 th 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

**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:**

4 th or 5 th 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

### 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


**694671S: Research Methods, 10 op**

**Voimassaolo:** 01.08.2015 -

**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:**

4 th or 5 th 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 completion of the Basic Studies and Intermediate Studies packages is required.

**Recommended or required reading:**

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

**Assessment methods and criteria:**

Active participation, exercises, carrying out and presenting research, acting as an opponent, examination

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**Other information:**

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

*Elective studies only for major subject students*

### 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

## A112801: Information Studies, Basic Studies, 25 op

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Maija-Leena Huotari

**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**

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

*Compulsory Basid 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:**

1 st 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

**694660P: Information Environments and Collections, 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:**

1 st year, period I

**Learning outcomes:**

Upon completion of the course, students will be able to identify many different forms of documentation. Students will be able to describe the volume, forms and contents of document production, and to assess the significance of the forms of the documents regarding collection work.

**Contents:**

Forms of documentation, the production of different types of publishing, such as the different fields of traditional publishing production and different areas of digital documentation (open science, open data and archives, open access), collections and collection work

**Mode of delivery:**

Contact teaching and/or online teaching

**Learning activities and teaching methods:**

Lectures and exercises. Approximately 30 hours of contact teaching and 105 hours independent study

**Target group:**

Students majoring and minoring in Information Studies

**Prerequisites and co-requisites:**

None

**Recommended or required reading:**

Lecture material;
Wilen, R. & Kortelainen, T. (2007) Kirjastokokoelmien kehittämisen ja arvioinnin perusteet.
Inkinen, T., Löytönen, M. & Rutanen, A. (Toim.) (2014) Kirja muuttuvassa tietoympäristössä.

**Assessment methods and criteria:**

Exercises and examination

**Grading:**

0–5

**Person responsible:**

University Lecturer

**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
**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits, 135 hours of work

**Language of instruction:**

Finnish

**Timing:**

1 st 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:**

1 st 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:**

Univeristy Lecturer

**Working life cooperation:**

None


**694663P: Information Law and Ethics, 5 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Suominen, Vesa Jukka Ilmari

**Opintokohteen kielet:** Finnish


**ECTS Credits:**

5 ECTS credits, 135 hours of work

**Language of instruction:**

Finnish

**Timing:**

1 st 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*. (or a similar more recent book).
Pesonen, P. (2011) *Viestintäoikeuden käsikirja*.

**Assessment methods and criteria:**

Book exam

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

*Only for major subject students*

### 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:** Maija-Leena Huotari

**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*

### 694664A: Information Seeking, Retrieval and Organisation, 10 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

10 ECTS credits, 270 hours of work

**Language of instruction:**

Finnish

**Timing:**

1 st year, periods II, III and IV

**Learning outcomes:**

Upon completion of the course, students will be able to present the relationships between the terms and standards of information seeking, retrieval and storage, as well as the structural features of information retrieval systems. Students will be able to identify and use different methods, channels and basic techniques of information retrieval when planning and carrying out searches. Students will be able to describe materials according to the standards of bibliographic control and take them into account when seeking and retrieving information.

**Contents:**

The channels of information seeking and retrieval, sources of information, the basic principles of information retrieval such as Boolean logic, browsing, freeform search and the use of content control and relevance feedback, the structure of information retrieval systems, describing the material according to the standards and structures of bibliographic control, Functional Requirements for Bibliographic Records (FRBR), resource description and documentary languages, formats, alternative search parameters  of information retrieval systems, content-based search

**Mode of delivery:**

Contact teaching and/or online teaching

**Learning activities and teaching methods:**

Lectures and exercises. Approximately 100 hours of contact teaching and 170 hours of independent study

**Target group:**

Students majoring and minoring in Information Studies

**Prerequisites and co-requisites:**

None

**Recommended or required reading:**

Suominen, V., Saarti, J. & Tuomi, P. (2009) *Bibliografinen valvonta*.  (where applicable)

**Assessment methods and criteria:**

Examination

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

## 694665A: Literacies, Evaluation and Informetrics, 10 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate 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:**

1 st year, periods II, III and IV

**Learning outcomes:**

Upon completion of the course, students will be able to define different types of literacies and analyse their scopes. Students will be able to examine, from the perspective of evaluation, different informational contents, i.a. in social media, and identify the possibilities of informetric methods in evaluation.

**Contents:**

Research methods of informetrics, parsing the evaluation criteria of the reliability of information contents as part of literacy practices

**Mode of delivery:**

Contact teaching and/or online teaching

**Learning activities and teaching methods:**

Lectures, problem-based study and exercises, examination. Approximately 40 hours of contact teaching and 230 hours of independent study

**Target group:**

Students majoring and minoring in Information Studies

**Recommended optional programme components:**

Concurrent completion of the course *Information Seeking, Retrieval and Organisation* is required.

**Recommended or required reading:**

Lecture material;
a) Holmberg, K., Huvila, I., Kronqvist-Berg, M., Nivakoski, O. & Wide#n-Wulff, G. (2009) *Kirjasto 2.0: muuttuva osallistumisen kulttuuri*.
b) Goodwin, P. (2012) *Information Literacy Beyond Library 2.0*.
c) Karvonen, E., Kortelainen, T. & Saarti, J. (2014) *Julkaise tai tuhoudu*.
d) OKM (2013) *WoS vai Scopus?* http://www.minedu.fi/export/sites/default/OPM/Julkaisut/2013/liitteet /okm17.pdf?lang=fi ( *In Finnish)*
e) Pönkä, H. (2014) *Sosiaalisen median käsikirja*.
f) Whitworth, A. (2014) *Radical Information Literacy*, pp. 27-95.
g) Kortelainen, T. & Katvala, M. (2012 *) "Everything is Plentiful – Except attention". Attention Data of Scientific Journals on Social Web Tools.* Journal of Informetrics 6, 661-668.

**Assessment methods and criteria:**

Problem-based study, exercises, examination

**Grading:**

0–5

**Person responsible:**
University Lecturer

**Working life cooperation:**
None


### 694666A: Management of Knowledge-Based Organisations, 5 op

**Voimassaolo:** 01.08.2015 -
**Opiskelumuoto:** Intermediate 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:**

2 $^{nd}$ or 3 $^{rd}$ year, periods III and IV

**Learning outcomes:**

Upon completion of the course, students will be able to identify the central concepts of management and to plan the use of management tools also when creating new knowledge.

**Contents:**

Management and leadership, strategies and know-how, communication and marketing, intellectual capital and finance as parts of the field of management

**Mode of delivery:**

Contact teaching and/or online teaching

**Learning activities and teaching methods:**

Lectures and group work. 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:**

Completion of the Basic Studies package is required.

**Recommended or required reading:**

Lecture material and online material

**Assessment methods and criteria:**

Group assignment on a field of management

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

If possible, related to the subject of the group assignment


### 694557A: Practical Training, 5 - 8 op

**Voimassaolo:** 01.08.2009 -
**Opiskelumuoto:** Intermediate Studies

**Laji:** Practical training
**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opintokohteen kielet:** Finnish
**Leikkaavuudet:**

  ay694557A    Practical Training (OPEN UNI)    8.0 op

**ECTS Credits:**

5–8 ECTS credits, 135–215 hours of work

**Language of instruction:**

Finnish or English

**Timing:**

1 st, 2 nd or 3 rd year

**Learning outcomes:**

Upon completion of the course, students will be able to identify the important phenomena in an organisational environment and to perform tasks related to the field of Information Studies.

**Contents:**

Practical training period in one of the following: an administrative organization, a research organisation, a library, an archive, a museum, a company or another knowledge-based organisation

**Mode of delivery:**

Practical training period

**Learning activities and teaching methods:**

Practical training period, the duration of which is 2 or 3 months of full-time work, and a written report, which includes an expert profile

**Target group:**

Students majoring and minoring in Information Studies

**Prerequisites and co-requisites:**

Completion of the Basic Studies package is required.

**Assessment methods and criteria:**

2–3 months of work in an information-based job, a written report

**Grading:**

Pass/Fail

**Person responsible:**

University Lecturer

**Working life cooperation:**

Working in an information-based job

**Other information:**

It is possible to do the practical training period abroad, or during a student exchange.


*Alternative*


**694567A: Music Librarianship, 3 op**

**Voimassaolo:** 01.08.2005 -
**Opiskelumuoto:** Intermediate Studies
**Laji:** Course
**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 ECTS credits, 80 hours of work

**Language of instruction:**

Finnish

**Timing:**

1 $^{st}$, 2 $^{nd}$ or 3 $^{rd}$ year, periods III and IV

**Learning outcomes:**

Upon completion of the course, students will be able to identify music librarianship as one field of work in the libraries, and understand the characteristics of music librarianship. Students will also be able to do cataloguing, description and information retrieval related to music.

**Contents:**

History, principles and the work of music librarianship, data acquisition, cataloguing, description and retrieval

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and exercises. Approximately 30 hours of contact teaching and 50 hours of independent study

**Target group:**

Students majoring and minoring in Information Studies

**Prerequisites and co-requisites:**

Completion of the course *Information Seeking, Retrieval and Organisation* is required.

**Recommended or required reading:**

Lecture material

**Assessment methods and criteria:**

Examination

**Grading:**

Pass/fail

**Person responsible:**

University Lecturer

**Working life cooperation:**

None


**694622A: Library Services for Children and Young People, 3 op**

**Voimassaolo:** 01.08.2009 -
**Opiskelumuoto:** Intermediate Studies
**Laji:** Course
**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 ECTS credits, 81 hours of work

**Language of instruction:**

Finnish

**Timing:**

2 $^{nd}$ or 3 $^{rd}$ year, period III and IV

**Learning outcomes:**

Upon completion of the course, students will know the characteristics and forms of library services for children and the youth and related fields of media education. Students will be able to apply the models and tools of promoting literacy to practice.

**Contents:**

The phases of the development, fields and forms of the library services for children and the youth; different ways of promoting literacy

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and exercises. Approximately 30 hours of contact teaching and 51 hours of independent study

**Target group:**

Students majoring and minoring in Information Studies

**Prerequisites and co-requisites:**

Completion of the Basic Studies package is required.

**Recommended or required reading:**

Lecture material and online material

**Assessment methods and criteria:**

Lecture diary and examination

**Grading:**

Pass/fail

**Person responsible:**

University Lecturer

**Working life cooperation:**

If possible to arrange


**695100P: Introduction to Communication Studies, 5 op**

**Voimassaolo:** 01.08.2005 -
**Opiskelumuoto:** Basic Studies
**Laji:** Course
**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Erkki Karvonen
**Opintokohteen kielet:** Finnish
**Leikkaavuudet:**

    ay695100P    Introduction to Communication Studies (OPEN UNI)    5.0 op

**ECTS Credits:**

5 ECTS credits / 135 hours of work

**Language of instruction:**

Finnish

**Timing:**

1 st year, period I

**Learning outcomes:**

Upon completion of the course, students will be able to explain communication from several points of view. Students will be able to interpret communication from the viewpoints of information transmission, community creation, and meaning construction. Students will be able to explain the ways in which people are influenced by communication and in which various messages are received. Students will be able to outline the historical development of the media as well as various approaches and schools of communication research. Students will be able to recognise, analyse, and evaluate various communication

methods used e.g. in advertisements and journalistic representations. They will be able to apply communication research to new communicational situations and plan their own communication activities on the basis of the learnt principles.

**Contents:**

Basic concepts and theories of Communication Studies

**Mode of delivery:**

Contact teaching, independent study

**Learning activities and teaching methods:**

Lectures 18h / independent study 117h

**Target group:**

Students of TIEMA, students minoring in Communication Studies, and students of Information Studies

**Prerequisites and co-requisites:**

None

**Recommended or required reading:**

Kurnelius, Risto: *Viestinnän vallassa* (2003 or newer), and web material: Karvonen, Erkki: Johdatus viestintätieteisiin
( http://www.uta.fi/viesverk/johdviest/johdatus.html)

**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:**

Professor Erkki Karvonen

**Working life cooperation:**

None

**694597S: Introduction to Science Communication, 5 op**

**Voimassaolo:** 01.08.2007 -
**Opiskelumuoto:** Advanced Studies
**Laji:** Course
**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Erkki Karvonen
**Opintokohteen kielet:** Finnish
**Leikkaavuudet:**

    ay694597S    Introduction to Science Communication (OPEN UNI)    5.0 op

**ECTS Credits:**

5 ECTS credits / 135 hours of work

**Language of instruction:**

Finnish

**Timing:**

1 st year, period II

**Learning outcomes:**

Upon completion of the course, students will be able to explain the key issues in the public communication of science. They will be able to explain how internal and external communication of science works, how science is popularised, how science is disseminated, and how science is represented in the media. Students will be able to recognise the different cultures of science and journalism. They will be familiar with the principles of writing a press release aimed at the media and the public.

**Contents:**

Basics of science communication

**Mode of delivery:**

Contact teaching, independent study

**Learning activities and teaching methods:**

Lectures 18 h / independent study 117 h

**Target group:**

Students of TIEMA, students minoring in Communication Studies and students of information studies

**Recommended or required reading:**

*Julkaise tai tuhoudu! : johdatus tieteelliseen viestintään* / Erkki Karvonen, Terttu Kortelainen & Jarmo Saarti. Julkaistu:Tampere : Vastapaino, 2014
*Tieteen yleistajuistaminen*. Edited by Strellman, Urpu and Vaattovaara, Johanna. Helsinki: Gaudeamus, 2013.

**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:**

Professor Erkki Karvonen

**Working life cooperation:**

None


**694531S: Changing Media Culture, 5 op**

**Voimassaolo:** 01.08.2007 -
**Opiskelumuoto:** Advanced Studies
**Laji:** Course
**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Erkki Karvonen
**Opintokohteen kielet:** Finnish
**Leikkaavuudet:**

   ay694531S    Changing Media Culture (OPEN UNI)    5.0 op


**ECTS Credits:**

5 ECTS credits / 135 hours of work

**Language of instruction:**

Finnish

**Timing:**

2 nd year, period I

**Learning outcomes:**

Upon completion of the course, students will be able to explain the media and media culture as social, economic and technological phenomena. They will be able to explain the historical changes and current trends in media and journalism. Students will be able to interpret communication cases in terms of entertainment theory, the theory of public sphere, freedom of speech, social responsibility in communication, and the power of the media.

**Contents:**

Developments of media culture

**Mode of delivery:**

Contact teaching, independent study

**Learning activities and teaching methods:**

Lectures 18 h / independent study 117 h

**Target group:**

Students of TIEMA, students minoring in Communication Studies, and students of Information Studies

**Recommended or required reading:**

Väliverronen, Esa (ed.): *Journalismi murroksessa.* 2009
OR:
Gripsrud, Jostain: *Understanding Media Culture.* 2001 (Or in Swedish *Mediakultur – mediasamhälle,* 1999)
OR:
Gorman, Lyn and McLean, David: *Media and Society in the Twentieth Century.* 2003

**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:**

Professor Erkki Karvonen

**Working life cooperation:**

None


**694533S: Communication Research, 5 op**

**Voimassaolo:** 01.08.2007 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Erkki Karvonen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

    ay694533S    Communication Research (OPEN UNI)    5.0 op


**ECTS Credits:**

5 ECTS credits / 135 hours of work

**Language of instruction:**

Finnish

**Timing:**

1 st or 2 nd year

**Learning outcomes:**

Upon completion of the course, students will be able to explain the historical development of communication research, as well as analyse and compare various schools and approaches within it.

**Contents:**

Various schools within the communication research and their historical developments.

**Mode of delivery:**

Independent study

**Learning activities and teaching methods:**

Independent study 135 h

**Target group:**

Students of TIEMA, students minoring in Communication Studies, and students of Information Studies

**Recommended or required reading:**

Pietilä, Veikko: *Joukkoviestintätutkimuksen valtateillä. Tutkimusalan kehitystä jäljittämässä*. Tampere: Vastapaino, 1997 ( or newer)
AND

Mörä, Tuomo, Salovaara-Moring, Inka & Valtonen, Sanna (ed.). *Mediatutkimuksen vaeltava teoria.* Helsinki: Gaudeamus, 2004.

**Assessment methods and criteria:**

Book exam

**Grading:**

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

**Person responsible:**

Professor Erkki Karvonen

**Working life cooperation:**

None

## 695105P: PR-Communication, 5 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Erkki Karvonen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

   ay695105P    PR-Communication (OPEN UNI)    5.0 op

**ECTS Credits:**

5 ETCS credits / 135 hours of work

**Language of instruction:**

Finnish

**Timing:**

2 nd year, period III

**Learning outcomes:**

Upon completion of the course, students will be able to outline the developments of the theory and practice of organisational communication and PR. Students will be able to interpret various image-related issues from a number of viewpoints. Students will also be able to explain the principles of corporate social responsibility and cultivation of corporate reputation. Students will be able to explain various brand-building processes and the phenomenon of experience economy. Students will be able to explain how organizational communication should be managed in crisis situations. Students will also be able to apply various communication theories to single cases.

**Contents:**

External organisational communication

**Mode of delivery:**

Contact teaching, independent study

**Learning activities and teaching methods:**

Lectures 18h / independent study 117h

**Target group:**

Students of TIEMA, students minoring in Communication Studies, and students of Information Studies.

**Prerequisites and co-requisites:**

None

**Recommended or required reading:**

Cornelissen, Joep: *Corporate communication: a guide to theory and practice*, 3rd ed. Thousand Oaks, CA: SAGE Publications, 2011.

**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:**

Professor Erkki Karvonen

**Working life cooperation:**

None

*Elective studies for major subject students*

### 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

### 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:**

2 $^{nd}$ 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


**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


### 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:**

3 $^{rd}$ 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

# H112830: Language and Communication Studies, 15 - 45 op

**Voimassaolo:** 01.08.2010 -
**Opiskelumuoto:** Language and Communication Studies
**Laji:** Study module
**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opintokohteen kielet:** Finnish

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

*Compulsory Language and Communication Studies*

### 010100Y: Orientation Course for New Students, 0 op

**Opiskelumuoto:** General Studies
**Laji:** Course
**Vastuuyksikkö:** Faculty of Humanities
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Sievola, Oili Elina
**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

### 901030Y: Second Official Language (Swedish), Written Skills, 2 op

**Voimassaolo:** 01.08.2014 -
**Opiskelumuoto:** Language and Communication Studies
**Laji:** Course
**Vastuuyksikkö:** Negotiated Education
**Opintokohteen kielet:** Swedish

### 901031Y: Second Official Language (Swedish), Oral Skills, 3 op

**Voimassaolo:** 01.08.2014 -
**Opiskelumuoto:** Language and Communication Studies
**Laji:** Course
**Vastuuyksikkö:** Negotiated Education
**Opintokohteen kielet:** Swedish

**900050Y: Written and Oral Communication Skills, 4 - 5 op**

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Negotiated Education

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay900050Y    Written and Oral Communication Skills (OPEN UNI)    4.0 op

**Proficiency level:**

-

**Status:**

Compulsory (See below)

**Required proficiency level:**

-

**ECTS Credits:**

4 - 5 crdeits

**Language of instruction:**

Finnish

**Timing:**

-

**Learning outcomes:**

-

**Contents:**

-

**Mode of delivery:**

-

**Learning activities and teaching methods:**

**Students in the Faculty of Humanities** select their written and oral communication studies from the course units offered in the Communication Buffet in such a way that the selected course units include both written and oral studies. With most of the course units, the student has the option to choose between versions worth 2 credits or 3 credits; the student may choose to take a 3 credit written skills course and a 2 credit oral skills course - or vice versa - to form the required total amount of 5 credits. The student must discuss the additional assignments required for the 3 credit version with the teacher of the course unit in question. It is also possible to complete the communication studies with one course unit, which combines both oral and written studies and is worth 5 credits.
**Students of Saami Language and Saami Culture** complete the Communication Buffet course unit 900050Y-04 Scientific Communication (Tieteellinen viestintä) - 5 ECTS credits.
**Students in the Master's Degree Programme in Business Communication** may complete their communication studies by taking the course unit 900055Y Communication Skills in Business and Economic Life (Talouselämän viestintä)(3 ECTS credits) intended for students of Economics and one freely selectable course unit (2 ECTS credits) from the Communication Buffet.

**Faculty of Information Technology and Electrical Engineering**
**Students of Information Processing Science** complete the course unit in teaching groups reserved for them by **either** taking the course unit 900050-27 Scientific Communication (TOL) (Tieteellinen viestintä [TOL]) - 4 ECTS credits (Option A) **OR** the course units 900050Y-18 Written Communication 1 (TOL) (Kirjoitusviestintä [TOL]) - 2 ECTS credits and 900050Y-26 Oral Communication (TOL) (Puheviestintä [TOL]) - 2 ECTS credits (Option B).

**Target group:**

See above

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

-

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

**Grading:**

-

**Person responsible:**

See Contact teachers of Languages and Communication

**Working life cooperation:**

-

**Other information:**

-

### 902160Y: Academic English for Humanities, 2 - 5 op

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Negotiated Education

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** English

**Voidaan suorittaa useasti:** Kyllä

**Proficiency level:**

**B2/C1** (on the [CEFR scale](#))

**Status:**

Obligatory foreign language course for Humanities students who choose English as their foreign language.
- first-year students of Nordic philology, Finnish philology, information studies, history, and history of science and ideas.
- second-year students of Sami language and Sami culture.
Partial exemption, from the reading skills component of the course (2op/2ECTS) will be granted to students with *laudatur* or *eximia cum laude approbatur* grades from the matriculation examination.

**Required proficiency level:**

English as A- or B-language in senior secondary school, or equivalent skills.

**ECTS Credits:**

5 op / 5 ECTS

**Language of instruction:**

English

**Timing:**

First-year autumn for students of Nordic philology, Finnish philology, and information studies, first-year spring for students of history of science and ideas and history. For second-year autumn for students of Sami language and culture.

**Learning outcomes:**

In the reading skills component of the course, you will learn to read more extensive academic - general or discipline-specific - text with increased confidence and at sufficient speed and to process it critically.
In the academic communication component of the course you will focus on developing your academic and professional communication skills in English.
*Learning outcomes:* By the end of the course, you are expected to be able to

- be able to distinguish parts of words to infer meanings
- utilize your knowledge of text structure and cohesion markers to understand academic texts
- extract information and learn content from English readings in academic and professional contexts
- to have demonstrated your use of appropriate strategies and techniques for communicating effectively in English in an academic context.

to have demonstrated the ability to present field-related subjects using appropriate academic vocabulary

**Contents:**

The reading skills component of the course will focus on both reading strategies and vocabulary learning. In the academic communication component of the course, skills in oral interaction, including presenting academic topics to classmates, are practiced in the classroom, where there is a strong focus on working in pairs and small groups. Homework tasks include extensive reading tasks, online listening tasks, writing, and preparation for classroom discussions.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

The scope of the course is 5 op (130 hours student workload).

**Target group:**

First-year students of Nordic philology, information studies, history, history of science and ideas

**Prerequisites and co-requisites:**

English as A- or B-language in senior secondary school, or equivalent skills.

**Recommended optional programme components:**

-

**Recommended or required reading:**

Photocopies will be provided by the teacher and/or required texts will be accessible online or from the university library.

**Assessment methods and criteria:**

Student work is monitored by *continuous assessment*. You are required to participate regularly and actively in all contact teaching provided, and successfully complete all required coursework. Three lessons, at monthly intervals, will start with a short test on material covered so far.
Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

pass/fail

**Person responsible:**

Heather Kannasmaa (Nordic philology and information studies), Karen Niskanen (history, history of science and ideas)

**Working life cooperation:**

-

**Other information:**

-

*Alternative studies*

**810136P: Introduction to Information Processing Sciences, 5 op**

**Opiskelumuoto:** Basic Studies
**Laji:** Course
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Kuutti, Kari Pekka Tapani

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay810136P    Introduction to information processing sciences (OPEN UNI)    5.0 op

**ECTS Credits:**

5 ECTS credits/135 hours of work

**Language of instruction:**

Finnish

**Timing:**

1st year of Bachelor studies, autumn semester, period 1

**Learning outcomes:**

Students are able to complete information searches belonging to subject areas related to the course, analyse the information they have found and write short reports and essays.

**Contents:**

The course consists of lectures of various aspects of computer science and current research. Practical working life is discussed from the information science point of view. The course also introduces scientific work and its sub-processes through listening, discussing, reading, critical and creative thinking, material search, structuring and writing papers.

**Mode of delivery:**

Blended teaching

**Learning activities and teaching methods:**

Lectures (24 h), exercise work (40 h), and self-study (71 h). The course uses a web-based learning environment for sharing information and exercises in support of reading.

**Target group:**


**Recommended optional programme components:**


**Recommended or required reading:**

Will be announced during the course.

**Assessment methods and criteria:**


Will be announced during the course.

**Grading:**

1 - 5

**Person responsible:**

Kari Kuutti


**811171P: Humans as Users and Developers of Information Technology, 4 op**

**Voimassaolo:** 01.08.2011 -
**Opiskelumuoto:** Basic Studies
**Laji:** Course
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Tonja Molin-Juustila
**Opintokohteen kielet:** Finnish
**Leikkaavuudet:**

ay811171P    Humans as Users and Developers of Information Technology (OPEN UNI)    4.0 op

Ei opintojaksokuvauksia.


**812304A: Information Systems in Organizations, 6 op**

**Opiskelumuoto:** Intermediate Studies
**Laji:** Course
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Juhani Warsta, Seppo Pahnila
**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

## 810124P: Computer Architecture, 6 op

**Voimassaolo:** 01.08.2011 -
**Opiskelumuoto:** Basic Studies
**Laji:** Course
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Petri Pulli
**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

## 811174P: Introduction to Software Business, 5 op

**Opiskelumuoto:** Basic Studies
**Laji:** Course
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Marianne Kinnula
**Opintokohteen kielet:** Finnish
**Leikkaavuudet:**

811178P    Technology Business and Innovations    5.0 op
ay811174P    Introduction to Software Business (OPEN UNI)    5.0 op

**ECTS Credits:**
5 ECTS credits/134 hours of work

**Language of instruction:**
Finnish
**Timing:**
1st year, spring semester, period 4

**Learning outcomes:**
After completing the course, a student can:
• Explain how the industry is structured;
• Describe the software industry's business logic as typically used in business models and the reasoning behind their use;
• Describe the important areas of the software business.

**Contents:**
This course provides an overview of software business from three different viewpoints: software industry, business logic, and functions of a software company. The course topics include history of software business, structuring and clusters of software industry, business models in software industry, networking and outsourcing, growth and development of a software company, software marketing and sales, and internalization of a software company.
**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures (26-30h), exercises (20h), independent work (54-58h), take home examination (30h)

**Target group:**


**Recommended optional programme components:**

-

**Recommended or required reading:**

Kurssimateriaali ja siihen liittyvä kirjallisuus.

**Assessment methods and criteria:**

Assignments, take home examination.

**Grading:**

 1 - 5

**Person responsible:**

Marianne Kinnula


**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

## 694732S: Advanced Course in Statistical Analysis, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

4 th year, autumn term

**Learning outcomes:**

Upon completion of the course, students will be able to explain the basics of test theory, and to apply the methods of statistical deduction to data in research in Logopedics. Students will be able to critically assess studies which have used statistical methods and patterns. Additionally, students will be able to process statistical information using SPSS analysis software.

**Contents:**

Test theory, statistical methods, evaluating statistical methods and patterns, the basics of processing statistical information, the use of SPSS software

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and exercises

**Target group:**

Students of Logopedics and Information Studies

**Prerequisites and co-requisites:**

Completion of the course *694720A Introduction to Statistical Analysis* is required.

**Recommended or required reading:**

Lecture material. Information about the additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

None

# Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

## 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

**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:**
1 st, 2 nd or 3 rd 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) Kurttila-Matero, E. (2011) *School Library: A Tool for Developing the School's Operating Culture*. (2 ECTS credits) Examiner: Vesa Suominen.
c) Känsäkoski, H. (2014) *Value Creation in Childhood Obesity Care and Prevention*. (2,5 ECTS credits) Examiner: Maija-Leena Huotari.
d) Kärki, R. & Kortelainen, T. (1996) *Johdatus bibliometriikkaan*. (1 ECTS credit) Examiner: Terttu Kortelainen
e) Niemelä, R. (2006) *Ikääntyneiden informaatiokäyttäytyminen: laadullinen tutkimus arkielämän informaatiokäytännöistä ja toimintaan aktivoitumisesta*. (1,5 ECTS credit) Examiner: Maija-Leena Huotari.
f) Suominen, V. (2004) *Grammaattis-luokituksellinen johdatus dokumentaaristen sisältöjen rekonstruktioon ja tuntemukseen: Metodologia, metodiikka ja illustraatio*. (Finnish Information Studies 22.) (1,5 ECTS credits) Examiner: Vesa Suominen.
**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.

# 902001Y: Academic Communication, 3 op

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Negotiated Education

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** English

**Proficiency level:**
B2/C1 (on the CEFR scale)
**Status:**
Obligatory foreign language course for students of logopedics and cultural anthropology and archaeology who choose English as their foreign language.
**Required proficiency level:**
English as A- or B-language in senior secondary school, or equivalent skills.
**ECTS Credits:**
3 op / 3 ECTS credits - The student workload is 80 hours of work
**Language of instruction:**
English
**Timing:**
First year spring, students of logopedics and cultural anthropology and archaeology, after completion of 902000Y Reading for Academic Purposes in the Humanities.
**Learning outcomes:**
In *Academic Communication*, you will focus on developing your academic and professional communication skills in English. The course will enable you to follow developments in your own field and succeed in international, intercultural contexts at an at least B2 level of proficiency.
*Learning outcomes:* By the end of the course, you are expected
  * to have demonstrated your use of appropriate strategies and techniques for communicating effectively in English in an academic context.
to have demonstrated the ability to present field-related subjects using appropriate academic vocabulary.
**Contents:**
Skills in oral interaction, including presenting academic topics to classmates, are practiced in the classroom, where there is a strong focus on working in pairs and small groups. Homework tasks include online listening tasks, writing, and reading to prepare for classroom discussions.
**Mode of delivery:**
Contact teaching
**Learning activities and teaching methods:**
80 hours of student work including regular class attendance and homework.
**Target group:**
Students of logopedics and cultural anthropology and archaeology
**Prerequisites and co-requisites:**
902000Y Reading for Academic Purposes in the Humanities (RAP-Hum)
**Recommended optional programme components:**
See 902000Y RAP-Hum, which is the prerequisite for this course.
**Recommended or required reading:**
Available online, in the university library and/or provided by the teacher.
**Assessment methods and criteria:**
Student work is monitored by *continuous assessment*. You are required to participate regularly and actively in all contact teaching provided, and successfully complete all required coursework.
Read more about assessment criteria at the University of Oulu webpage.
**Grading:**
pass/fail
**Person responsible:**
Heather Kannasmaa (logopedics), Karen Niskanen (cultural anthropology and archaeology)
**Working life cooperation:**
-
**Other information:**
-

# 902000Y: Reading for Academic Purposes in the Humanities, 2 op

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Negotiated Education

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** English


**Proficiency level:**
**B2/C1** (on the CEFR scale)
**Status:**
Obligatory foreign language course for students of logopedics and cultural anthropology and archaeology who choose English as their foreign language and whose matriculation exam grade is lower than *laudatur* or *eximia cum laude approbatur*.
**Required proficiency level:**
English as A- or B-language in senior secondary school, or equivalent skills.
**ECTS Credits:**
2 op / 2 ECTS
**Language of instruction:**
English
**Timing:**
1st year students of logopedics and cultural anthropology and archaeology; autumn term (only), BEFORE completion of *902001Y Academic Communication*
**Learning outcomes:**
The general aim is to be able to read more extensive academic - general or discipline-specific - text with increased confidence and at sufficient speed and to process it critically. More specifically, the aim is to be able to read and understand the main ideas of an academic text, scan sufficiently quickly for relevant details, and extract information from the readings.
*Learning outcomes:* By the end of the course, you are expected to be able to
   - have acquired effective vocabulary learning techniques
   - be able to distinguish parts of words to infer meanings
   - utilize your knowledge of text structure and cohesion markers to understand academic texts
   - extract information and learn content from English readings in academic and professional contexts
**Contents:**
The course will focus on reading strategies; these include recognizing how texts are organized, identifying key points in a text, and understanding words in context. Vocabulary work in the course will focus on a) academic vocabulary, as used in formal scientific writing, and b) using your knowledge of the meanings of parts of words (affixes) to infer meaning.
**Mode of delivery:**
Contact teaching
**Learning activities and teaching methods:**
The scope of the course is 2 op (54 hours student workload).
**Target group:**
Students of logopedics and cultural anthropology and archaeology
**Prerequisites and co-requisites:**
-
**Recommended optional programme components:**
See 902001Y Academic Communication, which is taken AFTER completion of this course
**Recommended or required reading:**
Photocopies will be provided by the teacher and/or required texts will be accessible online or from the university library.
**Assessment methods and criteria:**
Student work is monitored by *continuous assessment*. You are required to participate regularly and actively in all contact teaching provided, and successfully complete all required coursework. Three lessons, at monthly intervals, will start with a short test on material covered so far.
Read more about assessment criteria at the University of Oulu webpage.
**Grading:**
pass/fail
**Person responsible:**
Heather Kannasmaa (logopedics), Karen Niskanen (cultural anthropology and archaeology)
**Working life cooperation:**

-
**Other information:**
-

# 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:**
4 $^{th}$ or 5 $^{th}$ 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